

HARFORD COUNTY EXECUTIVE
B. GLASSMAN

ORD

Year 2017
udget &
nt Program

Executive



Barry Glassman, County Executive

Barry Glassman, County Executive



COUNTY EXECUTIVE
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Richard C. Slutzky

Mike Perrone, Jr. – District A
Joseph M. Woods – District B
James “Capt’n Jim” McMahan – District C
Chad Shrodes – District D
Patrick S. Vincenti – District E
Curtis L. Beulah – District F



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
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**Harford County
Maryland**

For the Fiscal Year Beginning

July 1, 2015

Executive Director

**STATEMENT OF COMPLIANCE
WITH
PROGRAM CRITERIA
OF
GOVERNMENT FINANCE OFFICERS ASSOCIATION**

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Harford County, Maryland for its annual budget for the fiscal year beginning July 1, 2014.

In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device.

This award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.

Elected Officials



Harford County Government



**County Executive
Barry Glassman**

Elected Officials



Harford County Council



Mike Perrone, Jr.
District A



Joseph M. Woods
District B



Richard C. Slutzky
Council President



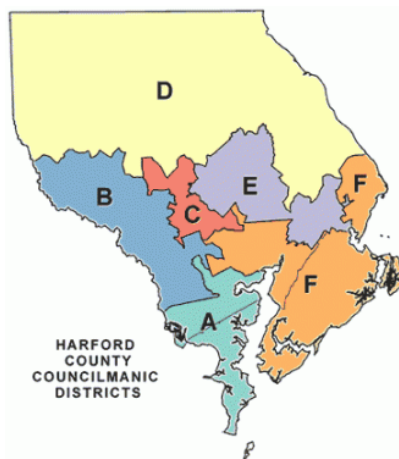
Chad Shrodes
District D



Patrick S. Vincenti
District E



James "Capt'n Jim" McMahan
District C



Curtis L. Beulah
District F

**HARFORD COUNTY, MARYLAND
ANNUAL APPROVED CAPITAL BUDGET AND CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2016-2017
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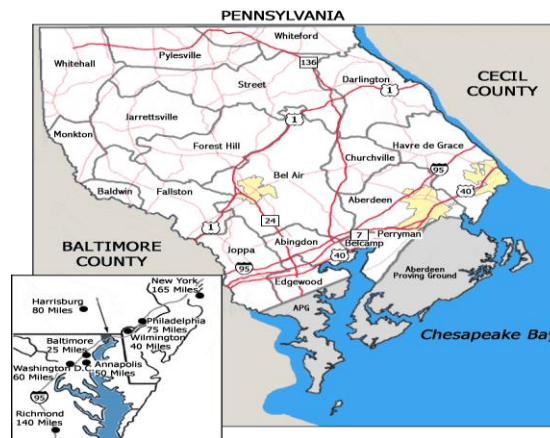
INTRODUCTION

I COUNTY OVERVIEW

Harford County, Maryland with its northern border being the Mason-Dixon Line, lies between Pennsylvania on the north and the Chesapeake Bay on the south, with the Susquehanna River on the east, and most of its western border on the Gunpowder River. The northern areas of the County are in the Piedmont Plateau, two to seven hundred feet above sea level. The southern areas are part of the Coastal Plain and range from forty to two hundred feet above sea level.

Today the County encompasses 448 square land miles* and 16.5 square water miles*. Harford has three incorporated towns: Aberdeen, Havre de Grace, and Bel Air, which is the County Seat. Northern Harford is primarily agricultural with moderate population increases, while the County's designated "Development Envelope" falls within the southern end and has experienced a sizable population growth.

A strong public/private sector partnership is largely responsible for Harford County's industrial development. Two State Enterprise Zones and twenty industrial/business/office parks, with sites ranging from small parcels to several hundred acres have been established here. All of this contributes to making Harford one of Maryland's top industrial growth counties.



* Per the MD Geological Survey 1/24/07

INTRODUCTION

II WHY CAPITAL PROGRAMMING

Harford County Government officials, after gathering input from all departments and agencies, identify long-range public facilities and improvements that are needed and formulate a capital program, consisting of a one-year Capital Budget and a six-year Capital Improvement Program.

Such a program provides appropriation authority and planning for projects of expected long-term usefulness, size and cost, and/or which require large expenditures of funds usually programmed over more than one year, and which result in a durable capital asset.

III CAPITAL PROGRAM OBJECTIVES

- To provide the infrastructure necessary to support the County's public services.
- To support the development objectives included in approved County plans especially the Land Use Master Plan.
- To enhance financial planning by comparing the needs with resources, estimating possible future bond issues, plus debt service and other current revenue needs, thus identifying operating budget and tax rate implications.
- To establish priorities among projects so that available effort and limited resources are used to the best advantage, emphasizing functionality over aesthetics, standardization of materials and infrastructure, and employing best practices to achieve efficiency and economy.
- To plan public facility construction to coordinate timing and functional relationships.
- To identify as accurately as possible, the impacts of capital projects on future operating budgets, energy use and costs and demands on land use.
- To provide a central source of information on all planned public construction for residents, agencies and other interest groups.

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IV FACTORS FOR INCLUSION IN THE CAPITAL PROGRAM

A common characteristic of all projects eligible for inclusion in the Capital Program is that each adds to, supports or improves the physical infrastructure, capital assets, or productive capacity of County services.

Capital projects also have one or more of the following characteristics:

- Expenditures that will take place over two or more years, requiring continuing appropriations.
- Funding with the use of debt, because of significant costs that should be shared by future as well as current users or beneficiaries of the project.
- Systemic acquisition over an extended time period to complete implementation of a major functional or operating system.
- Scheduled replacement or renovation of specific elements of many facilities, e.g. energy conservation improvements or roof replacements.

V CAPITAL PROGRAM PROJECT PROFILE

In order to be included in the Capital Budget or Capital Improvement Program, a project must fit one or more of the following profiles:

- Construction of public buildings and facilities in government ownership including schools, offices, service centers, stations, warehouses, shops, parking lots and garages, with the initial complement of furnishings and equipment necessary to make them operational.
- Renovation or reconstruction projects for the purpose of expanding the capacity or extending the useful life of public buildings, facilities or infrastructures.
- Roads or other transportation systems that provide the means for movement of people, goods, and services throughout the County.

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- Acquisition of property (either land or improvement) or easements for: building sites; rights-of-way; purposes of conservation or preservation; and other public improvements such as parks and recreation areas.
- Site improvements that may include drainage, water supply, sewerage or other utilities as well as access and grading for specified public use.
- Major capital equipment and equipment systems as well as acquisition of major automated systems involving hardware, software and training.
- Other capital assets which have a long-term operational or economic value.
- Planning and feasibility studies to consider the acquisition, construction, or improvement of permanent assets or physical infrastructure as noted above.

VI THE BASIS FOR HARFORD COUNTY'S CAPITAL BUDGET POLICY

The objectives of the Capital Program, the characteristics of included projects, and the determination of funding sources all evolve from Harford County's Fiscal Policies and Budget Process, which were framed by the County Charter and the County Code; expanded by our Business Plan; enhanced by recommendations of the Government Finance Officers Association; and conform to Federal, State and local regulations as well as the requirements of the Governmental Accounting Standards Board.

At the core of these policies and processes is the Administration's determination to remain conservative financial managers while recognizing fluctuations in the economy, changing trends, the adoption of new laws, and the concerns of our citizens. The County realizes the need to constantly review, and adapt where necessary, our ways of conducting business.

Harford County's Fiscal Policies are based on and have evolved from:

INTRODUCTION

A HARFORD COUNTY CHARTER, ARTICLE V, BUDGET AND FINANCE

1 ARTICLE V, BUDGET AND FINANCE

The Harford County Charter, Article V, Budget and Finance sets the Fiscal, Tax and Budget Year to begin on the first day of July and to end on the thirtieth day of June of the succeeding year.

The Charter requires the County budget to be comprehensive in scope and to represent a complete financial plan for the County. Required elements include revenue and expense estimates, debt, debt service, contingency reserves, cash surpluses and historical spending figures. The County Council is charged with adopting the annual budget and levying taxes sufficient to balance the budget.

The Charter establishes policies concerning supplemental, emergency and unexpended appropriations, as well as transferring appropriations, limiting expenditures, defining the composition of funds, and amending the budget.

The County may incur debt per the Charter, however:

- no debt for a term of one year or greater shall be incurred by the County to meet operating expenses;
- all debt for a term in excess of one year shall become due no later than 30 years after the date of issuance, except debt incurred to finance water, sewer, and wastewater facilities, which shall become due no later than 40 years after the date of issuance; and
- debt should be made payable within the probable useful life of the improvement or undertaking.

2 PLANNING ADVISORY BOARD

Section 406 of the Harford County Charter establishes a Planning Advisory Board consisting of five members, who are qualified voters of the County and appointed by the County Executive for terms coterminous with his and confirmed by the Council. "At such times as the County Executive shall fix, the Planning Advisory Board shall consider an itemized list of all capital projects and the capital improvement program which all agencies of the County government propose to undertake in the ensuing fiscal year and the next succeeding five fiscal years thereafter. After consideration by the Planning Advisory Board, the Director of Planning shall transmit to the County Executive, together with his/her

INTRODUCTION

recommendations, a list of projects recommended by said Board to be undertaken in the periods aforesaid and its estimate of the cost thereof.”

B ANNOTATED CODE OF MARYLAND – DEBT LIMIT

Pursuant to Article 25A, 5(P) of the Annotated Code of Maryland (1998 Replacement Volume and 2001 Supplement), Harford County, as a charter county, is limited in the amount of general obligation supported debt it can issue to an amount equal to a total of 6% of the assessable base of Real Property and 15% of Personal Property.

C CODE OF HARFORD COUNTY, MARYLAND – FISCAL IMPACT STATEMENTS

The Code of Harford County, Maryland, Part I Administrative Legislation, Chapter 31, Fiscal Impact, requires that all proposed legislation before the County Council be reviewed for its fiscal impact prior to a public hearing. Since any law could affect the cost of government, it is County policy to provide to the legislative body such information as is necessary to assess the direct and indirect costs of pending legislation. Additionally, the County provides information on fiscal impacts to the State government for any State legislation under consideration which would affect Harford County.

D HARFORD COUNTY’S FIVE YEAR BUSINESS PLAN

Harford County’s Five Year Business Plan addresses the areas of Financial and Strategic Planning, Debt and Cash Management, Revenues, plus Operating and Capital Budget Policies, to ensure that the County is capable of adequately funding and providing those local government services needed by the community. The aspects of the Business Plan pertinent to the Capital Budget include:

- 1 FINANCIAL PLANNING** – A Six Point Plan was designed to address economic cycles and maintain the existing property tax rate.
 - a. Expenditures will be reviewed and approved based on real versus perceived need.
 - b. Each function, service, project, and expenditure will be reviewed as to its affordability.
 - c. New sources of revenue will be identified and advanced.
 - d. We will prepare, integrate through planning, and maintain conservative annual operating budgets and multi-year spending plans.

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- e. We will plan for and preserve a prescribed year-end fund balance to maintain our credit rating, and to provide for emergency needs.
- f. We will develop and implement a new Ten Year Capital Program based on affordability and sound debt management practices.

2 STRATEGIC PLANNING – The Business Plan also incorporates Principles of Sound Financial Management.

- a. The planning system in the County will continue as a dynamic process which is synchronized with the Capital Improvement Program, Capital Budget, and Operating Budget. The County's Land Use Plan shall not be allowed to become static. There will continue to be a periodic review of the plans at least every five years.
- b. New private projects increase the assessable bases in the County and provide the funding for operating budgets and capital projects of the County. Harford County must continue to diversify its economic base by encouraging commercial employment and associated revenues. Such business and industry must be in accord with plans and ordinances of the County.
- c. If a deficit appears to be forthcoming, the County Executive shall direct that a freeze be placed on personnel hiring and new capital expenditures. Exceptions are to be made only on a tightly controlled case-by-case basis.
- d. The County's debt ratios shall be maintained at the following levels:
 - (1) Net Bonded Debt is to be maintained at a level no more than 2.3% of the Estimated Market Value of Assessable Property in the County.
 - (2) Bonded debt and its resulting debt service are to be kept at a level not higher than 8% of the General Fund.
- e. Debt must not expand beyond that already contemplated. Self-liquidating bonds will be issued only after careful analysis for fiscal soundness to ensure that revenue sources are properly in place and appropriate covenants protect the fiscal soundness of the County.

3 DEBT MANAGEMENT – In order to provide an adequate physical infrastructure, improve services, and channel growth while maintaining the County's quality of life, a balanced approach to capital funding was adopted.

- a. The County will issue General Obligation Bonds for new buildings, and major renovations and repairs to existing buildings which contribute to the life of an asset.

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- b. Water and Sewer projects will be financed with long term debt, only after sources of revenue, such as connection charges and/or assessments to property owners who will benefit from the improvements, have been established to pay the annual debt payments.
- c. Pay-As-You-Go (Paygo) will continue to be used for minor renovation and repair projects which have an asset life of less than ten years.

VII CAPITAL IMPROVEMENT BUDGET POLICIES

A GENERALLY

- 1 ALL CAPITAL IMPROVEMENTS** - various related projects must be made in accordance with the Approved Capital Improvement Program.
- 2 ANNUALLY, THE PLANNING ADVISORY BOARD** – shall consider an itemized list of all capital projects and the capital improvement program which all agencies of the County government propose to undertake in the ensuing fiscal year and the next succeeding five fiscal years thereafter. After consideration by the Planning Advisory Board, the Director of Planning shall transmit to the County Executive, together with his recommendation, a list of projects recommended by said Board to be undertaken in the periods aforesaid and the estimated cost thereof.
- 3 THE COUNTY'S CAPITAL REVIEW SUBCOMMITTEE** - will simultaneously review the same list of projects and make recommendations to the County Executive, based on each project's compatibility with the County's Master Plan, the coordination of projects between departments, and what items need to be considered for inclusion in preventive maintenance projects.
- 4 THE COUNTY SHALL COORDINATE THE CAPITAL IMPROVEMENT BUDGET WITH THE OPERATING BUDGET** - Debt service operating costs will be projected and included in the operating budget forecasts. Debt service and, therefore, approved capital projects must follow the standard debt policies of the County.

B FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

- 1 ANNUALLY** - in accordance with the Harford County Charter, the County will adopt a five-year Capital Improvement Plan and update it.
- 2 CAPITAL IMPROVEMENTS** – will be annually enacted by the County based on the Five-Year Plan.

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C FINANCING PROJECTS

- 1 ALL PROJECTS** - must be funded in accordance with the adopted County debt policy.
- 2 THE COUNTY WILL IDENTIFY** - the estimated costs and potential funding sources for each capital project proposal before it is submitted to the County Council for approval.
- 3 THE COUNTY WILL UTILIZE** – the least costly method of financing all new projects.

VIII HARFORD COUNTY'S ADMINISTRATIVE FISCAL POLICIES

A LONG TERM FINANCING TECHNIQUES

- 1 GENERAL OBLIGATION BONDS** – are also known as full faith and credit bonds, and their quality and payment is based on the general credit and taxing power of the County. The County must take whatever actions are necessary to assure repayment. Such bonds are typically used to finance the capital portion of tax supported, general public purpose governmental activities with schools, libraries, and public safety buildings being the most common uses of bond proceeds.
- 2 REVENUE BONDS** – unlike general obligation bonds, are payable solely from identified sources of revenue, which may be derived from rates, fees, or charges for service imposed on users of the financed project; tax increments; or specified General Fund non-ad valorem tax revenues. Typically these bonds are used for the County - owned water and sewer system's activities of treatment, collection, production, and distribution.
- 3 SPECIAL ASSESSMENT BONDS** – Under law the County may establish assessment districts and issue bonds for infrastructure improvements. The bonds are secured solely by the properties in the district, with revenues generated by a special assessment or tax on the properties.
- 4 LEASE PURCHASE/CERTIFICATES OF PARTICIPATION** – are obligations of the public entity secured by an installment sale or leaseback arrangement with a public entity lease. The lessee generally pledges general operating revenues to cover the lease payments, which may or may not be reimbursed by revenues from the projects. These obligations do not constitute indebtedness under Maryland constitutional debt limitation. Payments to be made under

INTRODUCTION

valid leases are payable only in the year in which use and occupancy of the leased property is available, and lease payments may not be accelerated.

B MULTIPLE USE OF FACILITIES

Increasing costs of capital investment in buildings and facilities demand optimal use by more than one type of government program or service and consideration of future population trends and service or program emphasis. County government requires planning coordination among its departments and agencies, other user agencies, and when appropriate, private user organizations to ensure the functional lifetime of all such buildings and facilities extend well beyond the current generation. An example of such a multiple use facility would be when the Board of Education builds a new elementary school, the County provides funds to enlarge the school's gym, and the enlarged gym is then shared by the school and various Parks and Recreation community groups. Other examples would be the joint Norrisville Library/Community Center and the McFaul Senior/Youth Center.

IX HARFORD COUNTY'S ACCOUNTING POLICIES

A FUND CATEGORIES

- 1 GOVERNMENTAL FUNDS** – Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on near term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating a government's near term financing requirements.

Harford County Government maintains seven individual governmental funds:

- a. THE GENERAL FUND is the government's primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund. For the County, the General Fund includes such activities as public safety, education, and recreation services.
- b. THE HIGHWAYS OPERATING FUND accounts for dedicated revenues that are legally restricted to the maintenance, care, and repair of roads and bridges located outside the boundaries of the three incorporated municipalities in Harford County. This fund also includes Traffic Safety and County-related transportation expenses.

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- c. THE GRANTS FUND accounts for the receipt, appropriation, and expenditure of federal, state, and private monies in accordance with Harford County Charter, Article V, Budget and Finance.
- d. THE AGRICULTURAL LAND PRESERVATION FUND accounts for dedicated transfer tax revenues and provides for easement purchases of County agricultural land.
- e. THE CAPITAL PROJECT FUND accounts for financial resources to be used for the acquisition or construction of major capital facilities of all major and non-major governmental funds.
- f. PARKS AND RECREATION FUND is a non-major fund which accounts for the receipts and expenditures of the self-supporting activities of the Emmorton Recreation and Tennis Center, Recreation Councils and/or the Oakington Peninsula.

2 PROPRIETARY FUNDS – Harford County Government maintains two different types of proprietary funds:

- a. ENTERPRISE FUNDS are used to report the same functions presented as business-type activities in the government-wide financial statements. Harford County Government uses an enterprise fund to account for its Water and Sewer activities.
- b. INTERNAL SERVICE FUNDS are an accounting device used to accumulate and allocate costs internally among Harford County Government's various functions. Harford County Government uses an internal service fund to account for risk management. Because this service predominantly benefits governmental rather than business-type functions, it has been included within governmental activities in the government-wide financial statements.

B BASIS OF ACCOUNTING

General capital asset acquisitions are reported as expenditures in governmental funds. Proceeds of general long-term and capital leases are reported as other financing sources. Property taxes, income taxes, state shared tax revenues, and interest associated with current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenues of the current fiscal period. Only the portion of special assessments receivable items are considered to be measurable and available only when cash is received by the government.

INTRODUCTION

C BASIS OF BUDGETING

The capital budget reflects appropriations for the Capital Projects Fund at the individual project level. Expenditures and encumbrances may not legally exceed appropriations at that level; and, the County Council and the County Executive must approve all transfers of appropriations between projects.

X HARFORD COUNTY'S BUDGET POLICIES

Harford County Charter, Article V, Budget and Finance, Section 503 establishes the "Comprehensive Scope of the Budget". The section states, "The County budget shall consist of the current expense budget, the capital budget and capital program, and the budget message. It shall represent a complete financial plan for the County reflecting all receipts and disbursements from all sources, including all revenues, all expenditures, and the surplus or deficit in the general fund and all special funds of the County government".

A FUND STRUCTURE

While Harford County's "Funds" are classified as either Governmental, Proprietary, or Fiduciary for accounting purposes, "Budget Funds" were established to comply with the Harford County Charter, Article V, Budget and Finance, Section 502(b). This defines the term "County funds" to... "mean any monies appropriated or approved by the Council or to which the County may at any time have legal or equitable title".

B CAPITAL BUDGET AND CAPITAL IMPROVEMENT PROGRAM – Harford County Charter, Section 507, Contents of the Capital Budget and Capital Program, calls for "a statement of the receipts anticipated during the ensuing fiscal year from all borrowing and from other sources for capital projects."

1 PROJECT TYPES

Harford County's Annual Capital Budget details the phase of each capital project the County has scheduled for that fiscal year. The Capital Improvement Program (CIP) provides the same detail for each of the next five fiscal years. The Capital Budget and the CIP are divided into different project types, based on the nature of the project, the funding source, or which department has responsibility. Project types include:

- a. General Projects – these include projects funded with County General Fund Paygo, County Bonds, Recordation or Transfer Tax receipts, State, Federal, Developer or "Other" Funds. The projects are the responsibility of the County Administration, Sheriff's Office, Emergency Operations, Volunteer Fire

INTRODUCTION

- Companies, the Board of Education, Harford Community College, and/or the County's Library System.
- b. Highways Projects – are funded with County Highway revenues, Federal, State, Developer, and “Other” funds. The projects include: roads, bridges, resurfacing and other projects which fall under the purview of the County's Department of Public Works.
 - c. Parks and Recreation Projects – are those for which the County's Department of Parks and Recreation is directly responsible. They are funded with Parks and Recreation Special Fund revenues, Recordation Tax receipts, Federal, State, and Program Open Space funds.
 - d. Water and Sewer Projects – encompass any capital improvements or renovations to the County owned Water and Sewer System. In addition to Federal and State funds, the projects are supported with revenues derived from developers and system customers. County General Funds are not used for these projects.
- 2 CAPITAL FUNDS** - The various “Funds”, used to record the receipt and application of resources for these projects, are appropriated, spent, and recorded separately based on legal requirements, the source, or the nature of the project they provide for. They include:
- a. Pay-As-You-Go – In accordance with the County's Five Year Business Plan and Debt Management policies, Paygo will continue to be used for minor renovation and repair projects which have an asset life of less than ten years.
 - b. General Obligation Bonds – Also known as full faith and credit bonds, their quality and payment is based on the general credit and taxing power of the County. The County must take whatever actions are necessary to assure repayment. Typically, such bonds are used to finance the capital portion of tax supported general public purpose governmental activities with schools, libraries, and public safety buildings being the most common uses of bond proceeds.
 - c. Lease Finance – Arrangements to secure short-term funding for certain renovation/repair projects and equipment purchases.
 - d. Reappropriated – These funds are reallocated from one project to another.
 - e. Program Open Space – These funds are to support recreation opportunities and come from the State of Maryland through the collection of a State Transfer Tax on real property.
 - f. State Aid – State funding to assist Harford County in the financing of various capital projects.
 - g. Recordation Tax – A tax imposed on every instrument of writing recorded or offered for record with the Clerk of Circuit Court (liens, deeds, mortgages, etc.). They are assessed at the rate of \$6.60 per \$1,000 value of the recorded instruments filed with the Clerk of the Circuit Court for Harford County. Of this assessed amount, \$4.40 is dedicated for school debt service first, then new construction or major and capital improvements to existing school facilities. \$1.10 is dedicated to an open space land and recreational fund

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for the purchase of park lands and development of parks and recreation facilities; and per Resolution No. 005-15 \$0.55 is dedicated to fund the implementation of local watershed protection and restoration projects throughout Harford County.

- h. Transfer Tax – A 1% Transfer Tax on any instrument of writing that conveys title to, or a leasehold interest in, real property. The proceeds are distributed 50% to the County's Agricultural Land Preservation Program, and 50% to fund school site acquisition, school construction, or school debt service.
- i. Impact Fee – The Maryland General Assembly adopted House Bill 965 (Article 24, Subtitle 10A, Harford County School Construction Financing Section 9-10A-01) in 2004. The bill states, "In general. – The County Council of Harford County, by ordinance, may fix, impose, and provide for the collection of a development impact fee not to exceed \$10,000 for new construction or development...Use of revenues. – The revenues from the special fund may be used only for:
 - (1) School site acquisition;
 - (2) School construction;
 - (3) School renovation;
 - (4) School debt reduction; or
 - (5) School capital expense."

On June 10, 2005, the County Council of Harford County, Maryland enacted, as amended, Bill No. 05-21 that added Article VI, Public School Development Impact Fee, to Chapter 123, Finance and Taxation, of the Harford County Code. This legislation assures that new development contributes its fair share towards the costs of public schools reasonably necessitated by such new development, and to ensure that new development is reasonably benefited by the construction of new public schools built in whole or part with the proceeds of development impact fees.

Effective December 4, 2009 and enacted by Bill Number 09-37, the impact fee is assessed per dwelling unit at the following rate (exemptions for elderly and Continuing Care Retirement Communities do apply):

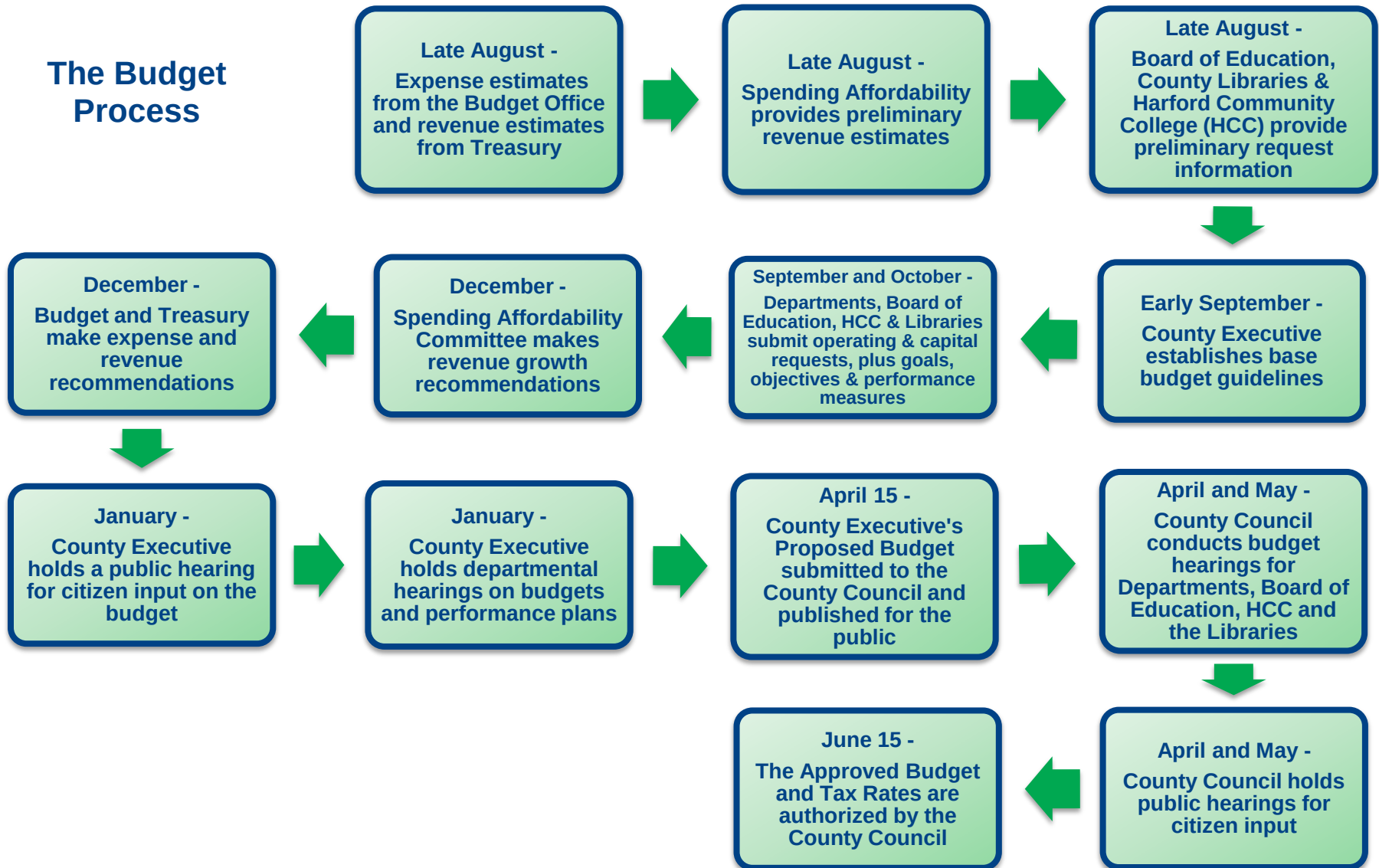
Type of Residential Development

Single Family Detached	\$6,000
Townhouse / Duplex	\$4,200
All Other Residential (including Mobile Homes)	\$1,200

- j. Developer Contributions – Developer contributions are applied to projects that provide facilities in approved subdivisions, and represent the developer's portion of the cost of the project.
- k. Other – There are various other funding sources which may become available. When amounts are material, identifiable, and predictable, they are cited as sources of funding in the capital budget.

INTRODUCTION

The Budget Process



INTRODUCTION

XII THE COUNTY'S CAPITAL BUDGET CALENDAR

LATE AUGUST

The annual capital budget process begins each year in late August. Harford County's Capital Program is continuously partnered with the Master Plan and the goals of each administration. The Budget Office works with the Treasury Department to develop a three year revenue projection, which for the capital budget, includes dedicated Transfer and Recordation Tax revenues.

For the expense side of the projection, it is assumed that the Capital Improvement Program (CIP) will remain unchanged and the County will be funding the scheduled projects as planned. Debt Service costs are estimated for the next three years, based on existing debt and the debt that would be incurred to support the CIP. While the expense for the principal and interest payments is an Operating Budget item, this analysis provides us with an estimate of how much bond funding can be used for the next few years in the Capital Improvement Program, while adhering to the County's debt policies.

Since a simultaneous revenue analysis is occurring for the County's operating budget, an estimate of fund balance available to be carried over and used for Pay-As-You-Go (Paygo) funds for the upcoming year is developed; estimates for subsequent out-year Paygo funds are also developed at this time.

The estimate of available Recordation and Transfer Tax revenues is matched to projected education debt service requirements. Any amounts not needed for those principal and interest payments are applied to school capital projects as Paygo.

EARLY SEPTEMBER

Based on the outcome of the revenue and expense projections, the County Executive gives County departments his priority and budget guidelines for developing their capital budget requests.

The County departments compile their capital requests and are required to show if and how each project will impact the operating budget.

INTRODUCTION

EARLY OCTOBER

The departments turn in their capital budget and CIP requests to the Budget Office. At this time, the Libraries and the Board of Education also submit preliminary plans.

NOVEMBER

The Budget Office logs in and compiles all requests, which are then shared with the County's Capital Review Committee. This committee was established with two charges. First they developed a master inventory of all County facilities, owned or leased, and completed a profile of each, which includes details such as square footage, date of purchase, lease terms, geographic location, occupants, etc. Our Facilities and Operations Division completed a systems analysis of each facility in the inventory, including mechanical units, HVAC, roofing, etc. This information is coupled with the other inventory data to provide a comprehensive overview of our sites. The committee's second charge is part of the County's annual Capital Budget Process. Once the Budget Office forwards its list of initial requests for the upcoming year, this committee reviews each project and determines if it should be considered capital or if it is something that could be managed through the Operating Budget. Treasury also, at that time, provides the committee with a list of all existing capital projects. Each department will be sent that portion of the list for which they are responsible. They report back to the committee the status of each project, and if any are complete, determine if they could be closed, with the remaining funds returned for reappropriation to a future project.

In light of available revenues, the Master Plan, the administration's goals, and operating expenses, the Budget Office analyzes all requests and pertinent data and compiles the preliminary County Capital Budget and CIP.

The Library Board approves the Library System's Capital Budget and it is submitted to the County Executive via the County Budget Office.

DECEMBER

The preliminary County Capital Budget is amended to incorporate the Library's request and the recommendations of the Capital Review Sub-committee. This amended Capital Budget is then provided to the County Executive, the Director of Administration, and County departments.

INTRODUCTION

The County Budget Office and the Department of the Treasury meet with the Planning Advisory Board to discuss the County's Capital Budget as it stands at this stage. The Board then submits its recommendations to the County Executive.

JANUARY

The Board of Education approves the Public School System's Capital Budget and it is submitted to the County Executive via the County Budget Office.

Harford Community College's Capital Budget is approved by their Board of Trustees, and it is submitted to the County Executive via the County Budget Office.

The County Capital Budget is further amended to incorporate the School Board and the College's approved budget requests.

The County Executive conducts hearings with each County department that submits a capital request, as well as with Public School, College and Library administrators. During these hearings, each project is discussed, and any questions are answered. If a project has been eliminated from the County's plan or amended from the original request, an appeal can be made for restoration.

A public hearing is held to secure citizen input on both the Operating and Capital Budgets.

FEBRUARY

Once revenue estimates are revisited, both Operating and Capital Budget issues are reviewed by the County Executive, the Director of Administration, the Budget Office, and the County Treasurer. The County Executive then makes his final decisions as to which projects he will propose for the upcoming fiscal year and for the subsequent five fiscal years. The County Executive also determines the amount of funding each project will receive.

LATE FEBRUARY THROUGH LATE MARCH

The Budget Office finalizes all Operating and Capital Budget documents, and prepares the legislation necessary to send the County Executive's Proposed Budgets to the County Council.

INTRODUCTION

APRIL 15

The Harford County Charter requires the Proposed Operating and Capital Budgets to be submitted by the County Executive to the County Council by April 15th of each year.

APRIL THROUGH MAY

The County Council conducts budget hearings with County departments, the Board of Education, Harford Community College, and the Libraries.

By Charter requirement, the County Council must hold two public hearings on the Operating and Capital Budgets to secure citizen input.

The Council may cut funding from any County capital project, and they may reallocate those funds to a Board of Education capital project. The Council cannot, however, adjust revenue estimates, and cannot add another Board of Education project or increase funding for any Board of Education project without identifying the additional revenues to support such a change.

JUNE 15

The County Charter requires the County Council to approve the upcoming fiscal year's Operating and Capital Budgets and to set the necessary tax rates by June 15th of each year.

XIII OUTSIDE AGENCIES

A significant portion of Harford County's Annual Capital Budget and Six Year Capital Improvement Program (CIP) is dedicated to "Outside Agencies." These agencies are the Harford County Public School System, the Library System and Harford Community College. County funds are also a large and/or major source of financing the capital budgets and CIPs of each of these organizations, yet these agencies are independent of the County Government. Each has its own administration and board which develop their policies, plans and budgets; they have their own budget processes and calendars. The Board of Education and the College also receive a significant percentage of capital funding from the State of Maryland, which necessitates their annual process be designed to meet State budget deadlines. With the varied deadlines, which the Outside Agencies are required to meet from the State and/or

INTRODUCTION

their boards, incorporating their annual requests with the County's Capital Budget is difficult at best. While the County does get preliminary budgets from the Board of Education and the Libraries early in our process, we do not receive their formal requests until just before the County Executive has to finalize his Proposed Budget to send to the County Council; and it is at that time we receive the first request from Harford Community College. Until the College's board approves their capital budget, the County must assume that the current fiscal year's CIP will remain intact, and those projects scheduled for the upcoming fiscal year will still be requested and done so at the same funding levels.

It is only after the Proposed Budget has been sent to the County Council that we get information from the State as to which capital projects have been included in the State General Assembly's Budget and at what funding level.

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
TOTAL COUNTY BY CATEGORY								
<u>GENERAL FUND</u>								
General Capital	175,144,688	129,058,328	23,211,360	4,175,000	4,675,000	4,675,000	4,675,000	4,675,000
Water Resources	75,802,508	19,577,508	10,350,000	8,975,000	9,075,000	9,175,000	9,275,000	9,375,000
Sheriff/Emergency/Fire	80,933,659	78,433,659	(1,900,000)	1,200,000	800,000	800,000	800,000	800,000
Harford Community College	37,579,302	30,443,302	0	585,000	5,851,000	700,000	0	0
Library	15,167,712	14,481,947	(314,235)	200,000	200,000	200,000	200,000	200,000
Board of Education	504,647,680	389,250,732	19,745,948	36,100,000	39,001,000	13,550,000	3,500,000	3,500,000
SUB-TOTAL GENERAL FUND PROJECTS	889,275,549	661,245,476	51,093,073	51,235,000	59,602,000	29,100,000	18,450,000	18,550,000
<u>SOLID WASTE SERVICES</u>	<u>46,869,767</u>	<u>45,269,767</u>	<u>1,100,000</u>	<u>500,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>PARKS & RECREATION</u>	<u>122,980,327</u>	<u>65,485,327</u>	<u>8,135,000</u>	<u>5,415,000</u>	<u>6,955,000</u>	<u>8,785,000</u>	<u>14,865,000</u>	<u>13,340,000</u>
<u>HIGHWAYS FUND</u>								
Bridges	52,380,008	29,115,008	2,630,000	7,215,000	5,295,000	3,345,000	1,650,000	3,130,000
Roadways	42,361,642	26,752,978	6,183,664	2,675,000	1,350,000	1,300,000	2,300,000	1,800,000
Resurfacing	47,059,892	17,557,457	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
Other	26,553,856	17,376,453	2,442,403	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
TOTAL HIGHWAYS PROJECTS	168,355,398	90,801,896	16,258,502	15,972,500	12,927,500	10,735,000	10,240,000	11,420,000
<u>WATER & SEWER FUNDS</u>								
Water Projects	149,287,407	113,595,877	1,645,000	3,615,000	3,837,000	4,626,100	6,922,405	15,046,025
Sewer Projects	165,467,024	120,652,024	2,040,000	9,000,000	10,250,000	8,500,000	12,450,000	2,575,000
TOTAL WATER & SEWER PROJECTS	314,754,431	234,247,901	3,685,000	12,615,000	14,087,000	13,126,100	19,372,405	17,621,025
COUNTY TOTAL BY PROJECTS	1,542,235,472	1,097,050,367	80,271,575	85,737,500	93,571,500	61,746,100	62,927,405	60,931,025

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

TOTAL COUNTY BY FUND SOURCE

Paygo	280,678,993	172,866,664	16,215,799	17,952,500	17,894,500	19,901,100	17,687,405	18,161,025
Prior Paygo	0	0	0	0	0	0	0	0
Impact Fee	0	0	0	0	0	0	0	0
Future Bonds	228,181,424	0	22,795,000	50,325,515	56,784,609	30,131,300	34,525,000	33,620,000
Prior Bonds	606,942,830	606,849,380	93,450	0	0	0	0	0
Reappropriated	37,919,014	34,487,388	3,431,626	0	0	0	0	0
Transfer Tax	26,837,026	19,337,026	7,500,000	0	0	0	0	0
Recordation Tax	45,518,933	22,018,933	9,955,000	2,155,000	2,040,000	2,790,000	2,855,000	3,705,000
State	203,839,357	156,561,781	12,148,000	11,219,485	12,641,391	5,343,700	2,925,000	3,000,000
Program Open Space	16,401,000	9,326,000	1,000,000	1,575,000	1,450,000	1,000,000	800,000	1,250,000
Federal	33,915,688	22,525,038	4,419,650	1,825,000	1,936,000	450,000	2,150,000	610,000
Developer	6,027,381	4,007,731	1,214,650	205,000	175,000	125,000	150,000	150,000
Other	48,323,059	41,419,659	1,498,400	480,000	650,000	2,005,000	1,835,000	435,000
Lease Purchase	7,650,767	7,650,767	0	0	0	0	0	0

COUNTY TOTAL BY FUNDING SOURCE	1,542,235,472	1,097,050,367	80,271,575	85,737,500	93,571,500	61,746,100	62,927,405	60,931,025

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

GENERAL FUND

GENERAL CAPITAL

FY 17 Funded Projects:

Aberdeen Library Roof and Windows	388,000	0	388,000	0	0	0	0	0
Bel Air Parking Garage	730,000	645,000	85,000	0	0	0	0	0
Board of Education Debt Service 17	17,800,000	0	17,800,000	0	0	0	0	0
Facilities Repair Program	22,312,301	16,344,905	3,467,396	500,000	500,000	500,000	500,000	500,000
Fleet Maintenance Facility	1,150,000	150,000	1,000,000	0	0	0	0	0
Fleet Replacement	16,540,000	5,540,000	1,500,000	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000
Harford County Southern Resource Annex	10,821,326	14,410,362	(3,589,036)	0	0	0	0	0
Infrastructure Efficiency Capital Investment Projects	1,130,000	905,000	100,000	25,000	25,000	25,000	25,000	25,000
Refresh Program	3,385,000	2,485,000	150,000	150,000	150,000	150,000	150,000	150,000
Safeguarding Business Operations	24,075,400	12,075,400	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Underground & Aboveground Storage Tank Management	505,000	195,000	310,000	0	0	0	0	0

Open Projects:

Automated External Defibrillators (AEDs)	20,000	20,000	0	0	0	0	0	0
Board of Education Debt Service 16	16,600,000	16,600,000	0	0	0	0	0	0
Citizens Care Center	2,000,000	2,000,000	0	0	0	0	0	0
Courthouse Building Repairs	5,034,900	5,034,900	0	0	0	0	0	0
Countywide Facilities Master Plan Study	1,950,000	1,950,000	0	0	0	0	0	0
45 South Main Street - Add Emergency Power	600,000	600,000	0	0	0	0	0	0
GIS Update	250,000	250,000	0	0	0	0	0	0
Harford County Agricultural Research & Exposition Ctr	300,000	300,000	0	0	0	0	0	0
HMAN (Harford County Metro Area Network)	16,200,000	16,200,000	0	0	0	0	0	0
Havre de Grace Opera House Renovations	750,000	750,000	0	0	0	0	0	0
Hosanna School	240,000	240,000	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0
MD 924 Small Area Corridor Plan	300,000	300,000	0	0	0	0	0	0
Reforestation and Buffer Mitigation - Critical Area	100,000	100,000	0	0	0	0	0	0
Reforestation and Landscaping	680,000	680,000	0	0	0	0	0	0
Repairs to 45 South Main Street Building	100,000	100,000	0	0	0	0	0	0
Site Acquisition	23,757,761	23,757,761	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

GENERAL CAPITAL

Treasury Computer Enhancements	175,000	175,000	0	0	0	0	0	0
Voting Equipment	200,000	200,000	0	0	0	0	0	0
General Capital Total by Project	175,144,688	129,058,328	23,211,360	4,175,000	4,675,000	4,675,000	4,675,000	4,675,000
Paygo	51,769,129	28,559,502	2,834,627	3,675,000	4,175,000	4,175,000	4,175,000	4,175,000
Prior Paygo	364,235	0	364,235	0	0	0	0	0
Reappropriated	8,795,541	6,430,511	2,365,030	0	0	0	0	0
Future Bonds	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000
Prior Bonds	73,482,589	72,032,521	1,450,068	0	0	0	0	0
Transfer Tax	13,900,000	6,400,000	7,500,000	0	0	0	0	0
Recordation Tax	15,400,000	7,100,000	8,300,000	0	0	0	0	0
State	1,721,579	1,452,579	269,000	0	0	0	0	0
Federal	2,115,692	2,115,692	0	0	0	0	0	0
Developer	772,421	772,421	0	0	0	0	0	0
Other	2,763,502	2,635,102	128,400	0	0	0	0	0
Lease Purchase	1,560,000	1,560,000	0	0	0	0	0	0
General Capital Total by Fund	175,144,688	129,058,328	23,211,360	4,175,000	4,675,000	4,675,000	4,675,000	4,675,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM FY 2019	FY 2020	FY 2021	FY 2022

STORMWATER MANAGEMENT

FY 17 Funded Projects

Bynum Run @ St. Andrews Way Stream Restoration	1,947,026	847,026	500,000	600,000	0	0	0	0
County Owned Watershed Restoration Improvements	22,725,000	2,400,000	3,125,000	2,700,000	3,400,000	3,500,000	3,750,000	3,850,000
Joppatowne Area Watershed Restoration	5,300,000	2,100,000	450,000	550,000	550,000	550,000	550,000	550,000
Maintenance/Repair of Dams FY 14	3,105,000	1,005,000	350,000	350,000	350,000	350,000	350,000	350,000
Plumtree Run Watershed Restoration	7,443,452	1,768,452	1,175,000	900,000	900,000	900,000	900,000	900,000
Riverside Area Watershed Restoration	5,785,886	335,886	1,075,000	875,000	875,000	875,000	875,000	875,000
Sams Branch Watershed Restoration	3,172,922	972,922	200,000	400,000	400,000	400,000	400,000	400,000
Septic System Disconnection	300,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Stormwater Pollution Prevention	1,481,395	631,395	100,000	150,000	150,000	150,000	150,000	150,000
Sunnyview Stream Restoration	1,992,220	1,567,220	425,000	0	0	0	0	0
Watershed Restoration Assessment	11,100,000	1,500,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
Watershed Restoration Improvements	3,800,000	400,000	650,000	550,000	550,000	550,000	550,000	550,000
Watershed Restoration Maintenance	660,000	60,000	100,000	100,000	100,000	100,000	100,000	100,000
Wheel Creek Watershed Restoration	6,989,607	5,989,607	550,000	150,000	150,000	150,000	0	0
Stormwater Management Total by Project	75,802,508	19,577,508	10,350,000	8,975,000	9,075,000	9,175,000	9,275,000	9,375,000
Paygo*	4,147,818	2,697,818	200,000	250,000	250,000	250,000	250,000	250,000
Prior Bonds	5,800,000	5,800,000	0	0	0	0	0	0
Future Bonds	36,650,000	0	5,900,000	5,950,000	6,050,000	6,150,000	6,250,000	6,350,000
Reappropriated	2,024,690	2,024,690	0	0	0	0	0	0
Recordation Tax	200,000	200,000	0	0	0	0	0	0
State	19,557,016	6,482,016	2,700,000	2,075,000	2,075,000	2,075,000	2,075,000	2,075,000
Federal	4,947,984	1,397,984	1,300,000	450,000	450,000	450,000	450,000	450,000
Other	2,475,000	975,000	250,000	250,000	250,000	250,000	250,000	250,000

**Special Dedicated Paygo*

Stormwater Management Total by Fund	75,802,508	19,577,508	10,350,000	8,975,000	9,075,000	9,175,000	9,275,000	9,375,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

PUBLIC SAFETY

FY 17 Funded Projects

New Emergency Operations Center Complex	43,294,525	46,294,525	(3,000,000)	0	0	0	0	0
911 State Fee Funds	700,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Public Safety Communication in School Buildings	950,000	350,000	100,000	100,000	100,000	100,000	100,000	100,000
SCBA Replacement	500,000	0	500,000	0	0	0	0	0
VFC Facility Repair 15	4,100,000	700,000	400,000	600,000	600,000	600,000	600,000	600,000

Outyear Projects:

Computer Equipments/Networks	2,641,742	2,241,742	0	400,000	0	0	0	0

Open Projects:

Bel Air Substation at Patterson Mill	2,868,400	2,868,400	0	0	0	0	0	0
Fire, EMS, and Law Enforcement CAD	2,450,000	2,450,000	0	0	0	0	0	0
Joppa Magnolia Fire Station Expansion	700,000	700,000	0	0	0	0	0	0
Norrisville Station	875,000	875,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	21,693,992	21,693,992	0	0	0	0	0	0
TRT Equipment	160,000	160,000	0	0	0	0	0	0

Sheriff/Emergency/Fire Total by Project	80,933,659	78,433,659	(1,900,000)	1,200,000	800,000	800,000	800,000	800,000

Paygo	17,159,650	12,509,650	750,000	1,100,000	700,000	700,000	700,000	700,000
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	55,861,500	58,861,500	(3,000,000)	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0
State	2,998,580	2,398,580	100,000	100,000	100,000	100,000	100,000	100,000
Federal	3,270,412	3,270,412	0	0	0	0	0	0
Other	300,000	50,000	250,000	0	0	0	0	0
Lease Purchase	981,017	981,017	0	0	0	0	0	0

Sheriff / Emergency / Fire Total by Fund	80,933,659	78,433,659	(1,900,000)	1,200,000	800,000	800,000	800,000	800,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
HARFORD COMMUNITY COLLEGE								
<u>Outyear Projects:</u>								
Fallston Hall Renovation	7,136,000	0	0	585,000	5,851,000	700,000	0	0
<u>Open Projects:</u>								
Belcamp Renovation	150,000	150,000	0	0	0	0	0	0
Computer Equipment/Technology	1,124,835	1,124,835	0	0	0	0	0	0
Edgewood Hall Renovation/Expansion	8,632,000	8,632,000	0	0	0	0	0	0
Maryland Hall Conversion	305,000	305,000	0	0	0	0	0	0
New Nursing & Allied Health	19,781,467	19,781,467	0	0	0	0	0	0
Susquehanna Roof Replacement	450,000	450,000	0	0	0	0	0	0
College Total by Project	37,579,302	30,443,302	0	585,000	5,851,000	700,000	0	0
Paygo	0	0	0	0	0	0	0	0
Future Bonds	3,275,424	0	0	268,515	2,685,609	321,300	0	0
Prior Bonds	11,663,000	11,663,000	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
State	20,611,043	16,750,467	0	316,485	3,165,391	378,700	0	0
Other	2,029,835	2,029,835	0	0	0	0	0	0
College Total by Fund	37,579,302	30,443,302	0	585,000	5,851,000	700,000	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

LIBRARIES

FY 17 Funded Projects:

Facilities Maintenance and Repairs	111,868	252,647	(140,779)	0	0	0	0	0
Facilities Renovations	26,544	250,000	(223,456)	0	0	0	0	0
Technology	1,559,100	509,100	50,000	200,000	200,000	200,000	200,000	200,000

Open Projects:

Aberdeen Branch - Expansion	56,000	56,000	0	0	0	0	0	0
Darlington Branch - Expansion	56,000	56,000	0	0	0	0	0	0
HdG Branch Expansion	9,020,000	9,020,000	0	0	0	0	0	0
Joppa Branch - Central Dehumidification	100,000	100,000	0	0	0	0	0	0
Whiteford Expansion	4,238,200	4,238,200	0	0	0	0	0	0

Libraries Total by Project	15,167,712	14,481,947	(314,235)	200,000	200,000	200,000	200,000	200,000

Paygo	2,528,547	1,478,547	50,000	200,000	200,000	200,000	200,000	200,000
Prior Paygo		0	(364,235)					
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	10,703,400	10,703,400	0	0	0	0	0	0
State	1,000,000	1,000,000	0	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Other	900,000	900,000	0	0	0	0	0	0

Libraries Total by Fund	15,167,712	14,481,947	(314,235)	200,000	200,000	200,000	200,000	200,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

BOARD OF EDUCATION

FY 17 Funded Projects

Darlington ES Comprehensive HVAC Systemic Project	3,467,948	2,138,000	1,329,948	0	0	0	0	0
Joppatowne Elementary Modernization	13,533,863	13,533,863	0	0	0	0	0	0
Replacement Buses	12,325,197	11,325,197	1,000,000	0	0	0	0	0
Riverside ES HVAC	8,780,000	0	8,780,000	0	0	0	0	0
Roof Replacement - Joppatowne High School	2,400,000	0	2,400,000	0	0	0	0	0
William Paca/Old Post ES Open Space Enclosure	2,417,000	0	2,417,000	0	0	0	0	0
William S. James Open Space Enclosure Project	1,400,000	0	1,400,000	0	0	0	0	0
Youth's Benefit Elementary School Replacement	48,376,866	45,957,866	2,419,000	0	0	0	0	0

Outyear Projects:

Athletic Fields Repair and Restoration	787,000	487,000	0	100,000	100,000	100,000	0	0
Havre de Grace Middle/High School Replacement	86,801,000	3,950,000	0	35,000,000	37,901,000	9,950,000	0	0
Major HVAC Repairs	11,688,586	8,688,586	0	0	0	1,000,000	1,000,000	1,000,000
Major Roof Repair/Replacement	4,500,000	0	0	0	0	1,500,000	1,500,000	1,500,000
Technology Infrastructure 04	19,285,802	14,285,802	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Open Projects:

Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Aberdeen High School Stadium & Weight Room Upgrades	1,600,000	1,600,000	0	0	0	0	0	0
ADA Improvements	600,000	600,000	0	0	0	0	0	0
Backflow Prevention	600,000	600,000	0	0	0	0	0	0
Building Envelope Improvements	700,000	700,000	0	0	0	0	0	0
Career and Technology Education Equipment Refresh	500,000	500,000	0	0	0	0	0	0
Center for Educational Opportunity - HVAC	4,625,000	4,625,000	0	0	0	0	0	0
Churchville Elementary School Roof Replacement	825,000	825,000	0	0	0	0	0	0
Deerfield Elementary School Replacement	31,734,200	31,734,200	0	0	0	0	0	0
Dublin Elementary School Boiler Replacement	244,112	244,112	0	0	0	0	0	0
Dublin Elementary School Comp HVAC Systemic Project	3,994,000	3,994,000	0	0	0	0	0	0
Edgewood High School Replacement	83,581,790	83,581,790	0	0	0	0	0	0
Edgewood Middle School - Computer Laboratory	115,000	115,000	0	0	0	0	0	0
Energy Efficiency Initiative Projects	4,988,091	4,988,091	0	0	0	0	0	0
Environmental Compliance	1,497,619	1,497,619	0	0	0	0	0	0
Equipment and Furniture Replacement	1,055,000	1,055,000	0	0	0	0	0	0
Fallston High School Autism Renovation	250,000	250,000	0	0	0	0	0	0
Fallston High School Comprehensive HVAC Systemic	17,846,940	17,846,940	0	0	0	0	0	0
Fire Alarm and ER Communication	1,075,000	1,075,000	0	0	0	0	0	0
Floor Covering Replacement	100,000	100,000	0	0	0	0	0	0
Havre de Grace High School Field Facilities	1,313,770	1,313,770	0	0	0	0	0	0
Integrated Business Systems	403,000	403,000	0	0	0	0	0	0
Jarrettsville Elementary School Comprehensive HVAC	3,700,000	3,700,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
BOARD OF EDUCATION								
Joppatowne High School Systemic Project	13,673,000	13,673,000	0	0	0	0	0	0
Magnolia Middle School Comprehensive HVAC	11,061,554	11,061,554	0	0	0	0	0	0
Music Equipment Refresh Program 05	575,000	575,000	0	0	0	0	0	0
Music Equipment Refresh Program 14	50,000	50,000	0	0	0	0	0	0
Music Technology Labs Program	345,000	345,000	0	0	0	0	0	0
Norrisville ES Comprehensive HVAC Systemic Project	3,455,700	3,455,700	0	0	0	0	0	0
North Harford High School Modernization	31,873,132	31,873,132	0	0	0	0	0	0
North Harford Middle School Water System	261,114	261,114	0	0	0	0	0	0
North Harford Middle School Domestic Water Improvement:	1,000,000	1,000,000	0	0	0	0	0	0
Outdoor Track Reconditioning	200,000	200,000	0	0	0	0	0	0
Paving - Overlay and Maintenance	1,430,630	1,430,630	0	0	0	0	0	0
Playground Equipment	350,000	350,000	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	4,685,000	0	0	0	0	0	0
Prospect Mill Elementary School	1,986,241	1,986,241	0	0	0	0	0	0
Red Pump Road Elementary School	29,837,480	29,837,480	0	0	0	0	0	0
Replacement Vehicles	6,084,396	6,084,396	0	0	0	0	0	0
Ring Factory Elementary School HVAC Equipment	1,099,000	1,099,000	0	0	0	0	0	0
Security Initiative Program for Schools	1,728,000	1,728,000	0	0	0	0	0	0
Security Measures	1,735,000	1,735,000	0	0	0	0	0	0
Septic Code Facility Upgrade	4,910,592	4,910,592	0	0	0	0	0	0
Stadium Upgrades - Joppatowne High School	300,000	300,000	0	0	0	0	0	0
Stormwater Management, Erosion, Sediment Control	725,000	725,000	0	0	0	0	0	0
Technology Education Lab Refresh	250,000	250,000	0	0	0	0	0	0
Textbook/Supplemental Materials Refresh	5,300,000	5,300,000	0	0	0	0	0	0
William Paca Elementary School HVAC	3,955,057	3,955,057	0	0	0	0	0	0
Education Total by Project	504,647,680	389,250,732	19,745,948	36,100,000	39,001,000	13,550,000	3,500,000	3,500,000
Paygo	30,153,921	23,836,973	1,016,948	1,100,000	1,100,000	1,100,000	1,000,000	1,000,000
Future Bonds	83,637,000		10,600,000	26,322,000	31,515,000	11,700,000	1,750,000	1,750,000
Prior Bonds	241,781,426	241,781,426	0	0	0	0	0	0
Reappropriated	11,987,000	11,987,000	0	0	0	0	0	0
Transfer Tax	12,937,026	12,937,026	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	96,546,700	71,103,700	8,129,000	8,678,000	6,386,000	750,000	750,000	750,000
Other	22,494,857	22,494,857	0	0	0	0	0	0
Lease Purchase	5,109,750	5,109,750	0	0	0	0	0	0
Education Total by Fund	504,647,680	389,250,732	19,745,948	36,100,000	39,001,000	13,550,000	3,500,000	3,500,000
SUB-TOTAL GENERAL FUND CAPITAL	889,275,549	661,245,476	51,093,073	51,235,000	59,602,000	29,100,000	18,450,000	18,550,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

SOLID WASTE SERVICES

FY 17 Funded Projects:

Scarboro Landfill Groundwater Treatment Plant	600,000	0	100,000	500,000	0	0	0	0
Waste-to-Energy Facility Closure	4,803,753	3,400,000	1,403,753	0	0	0	0	0
Waste-to-Energy Repairs 15	0	403,753	(403,753)	0	0	0	0	0

Open Projects:

Environmental Studies and Projects	1,440,900	1,440,900	0	0	0	0	0	0
Former Spencers Landfill Closure (East Side)	6,700,000	6,700,000	0	0	0	0	0	0
Full Cost Accounting Study	300,000	300,000	0	0	0	0	0	0
HWDC Compost Area Facilities	525,000	525,000	0	0	0	0	0	0
HWDC Expansion	20,570,354	20,570,354	0	0	0	0	0	0
HWDC Landfill Capping	9,320,000	9,320,000	0	0	0	0	0	0
HWDC Pavement Upgrades	200,000	200,000	0	0	0	0	0	0
Tollgate Landfill Gas System	1,034,679	1,034,679	0	0	0	0	0	0
Tollgate Yard Trim Recycling Center 15	1,375,081	1,375,081	0	0	0	0	0	0

Solid Waste Services Total by Project	46,869,767	45,269,767	1,100,000	500,000	0	0	0	0

Paygo	22,711,043	21,111,043	1,100,000	500,000	0	0	0	0
Reappropriated	2,693,283	2,693,283	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	21,125,441	21,125,441	0	0	0	0	0	0
Other	340,000	340,000	0	0	0	0	0	0

Solid Waste Services Total by Fund	46,869,767	45,269,767	1,100,000	500,000	0	0	0	0

TOTAL GENERAL FUND CAPITAL	936,145,316	706,515,243	52,193,073	51,735,000	59,602,000	29,100,000	18,450,000	18,550,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
<u>PARKS & RECREATION FUND</u>								
<u>FY 17 Funded Projects:</u>								
ADA Improvements	584,307	134,307	150,000	50,000	75,000	50,000	75,000	50,000
Anita C. Leight Improvements	930,000	495,000	235,000	0	200,000	0	0	0
Athletic Field Improvements	13,900,000	9,450,000	1,550,000	150,000	1,025,000	575,000	575,000	575,000
Bleacher Renovations	790,000	370,000	60,000	60,000	60,000	80,000	80,000	80,000
Canoe and Kayak Water Access	725,000	200,000	250,000	0	0	75,000	200,000	0
Cedar Lane Sports Complex Improvements	2,161,000	1,911,000	250,000	0	0	0	0	0
Churchville Center Renovations	575,000	500,000	75,000	0	0	0	0	0
Demarco Memorial Park Improvements	40,000	0	40,000	0	0	0	0	0
Eden Mill Park Rehabilitation	905,000	805,000	50,000	0	0	0	50,000	0
Emily Bayliss Graham Park	2,600,000	1,375,000	200,000	0	0	525,000	500,000	0
Emmorton Recreation & Tennis Center Improvements	1,070,000	820,000	150,000	0	100,000	0	0	0
Facility Renovations	1,730,000	980,000	225,000	125,000	100,000	100,000	100,000	100,000
Flying Point Improvements	124,000	109,000	15,000	0	0	0	0	0
Gunpowder River Dredging	1,674,000	1,354,000	80,000	30,000	210,000	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	1,224,000	974,000	250,000	0	0	0	0	0
Park Improvements	1,130,000	620,000	160,000	90,000	65,000	65,000	65,000	65,000
Parking Lot Paving	1,204,000	349,000	150,000	200,000	55,000	150,000	150,000	150,000
Parkland Acquisition	9,591,000	4,256,000	1,050,000	1,050,000	740,000	795,000	850,000	850,000
Playground Equipment	2,780,000	1,655,000	150,000	225,000	150,000	150,000	225,000	225,000
Rockfield Park Improvements	470,000	100,000	70,000	100,000	0	100,000	100,000	0
Swan Harbor Farm Improvements	1,739,000	389,000	150,000	150,000	1,050,000	0	0	0
SWM Pond Repair and Renovation	1,020,000	350,000	100,000	110,000	110,000	110,000	120,000	120,000
Tennis/Multipurpose Court	1,140,000	590,000	50,000	100,000	100,000	100,000	100,000	100,000
Tollgate Woodshop	75,000	0	25,000	0	0	50,000	0	0
Trails and Linear Parks	4,550,000	300,000	2,250,000	0	0	0	2,000,000	0
Tydings Park Improvements	400,000	0	400,000	0	0	0	0	0
<u>Outyear Projects:</u>								
Aberdeen Activity Center	8,500,000	0	0	0	0	500,000	8,000,000	0
Backstop Renovations	520,000	270,000	0	0	50,000	100,000	50,000	50,000
Benson Field Development	1,100,000	0	0	0	0	100,000	1,000,000	0
Blake's Venture Park	1,300,000	0	0	0	0	0	100,000	1,200,000
Bulkhead Renovations	650,000	0	0	0	40,000	535,000	0	75,000
Bush River Dredging and DMP Site 16	1,725,000	0	0	0	150,000	1,575,000	0	0
Darlington Park Development	2,395,000	1,895,000	0	0	0	500,000	0	0
Disc Golf Course	100,000	50,000	0	50,000	0	0	0	0
Dublin Community Park	1,150,000	0	0	0	0	150,000	0	1,000,000
Edgeley Grove Farm-Smith Property	4,450,000	4,350,000	0	0	0	100,000	0	0
Edgewood Recreation and Community Center	250,000	100,000	0	150,000	0	0	0	0
Edgewood Recreation Park	650,000	0	0	500,000	50,000	0	100,000	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

PARKS & RECREATION FUND

Outyear Projects (cont.):

Enlarged Gymnasiums & Joint Facilities	1,200,000	600,000	0	600,000	0	0		
Equestrian Center Improvements	625,000	325,000	0	100,000	100,000	100,000	0	0
Fallston Maintenance Shop	350,000	50,000	0	300,000	0	0	0	0
Havre de Grace Yacht Basin Dredging	600,000	0	0	50,000	550,000	0	0	0
Jarrettsville Recreation Center	7,010,775	510,775	0	0	0	0	0	6,500,000
Joppa/Joppatowne Youth/Senior Center	500,000	0	0	0	0	0	0	500,000
Liriodendron Improvements	570,000	145,000	0	250,000	75,000	0	0	100,000
Magnolia Complex Development	2,480,000	2,055,000	0	425,000	0	0	0	0
Mariner Point Park Renovations	411,000	361,000	0	0	0	0	0	50,000
Natural Turf Improvements	1,840,000	1,090,000	0	150,000	150,000	150,000	150,000	150,000
Norrisville Park	1,325,000	0	0	0	125,000	1,050,000	150,000	0
Northern Regional Park	1,075,000	575,000	0	0	0	0	0	500,000
Oakington Farms - Tydings Park	2,900,000	1,900,000	0	0	0	1,000,000	0	0
Perryman Park Development	125,000	0	0	0	0	0	125,000	0
Prospect Mill Park	600,000	0	0	100,000	500,000	0	0	0
Red Pump Elementary School Facilities	175,000	0	0	50,000	125,000	0	0	0
Robert Copenhagen Park Improvements	800,000	300,000	0	0	0	0	0	500,000
Tudor Hall Rehabilitation	650,000	500,000	0	150,000	0	0	0	0
Vale Road Park	1,500,000	0	0	100,000	1,000,000	0	0	400,000

Open Projects:

Abingdon Road Park	150,000	150,000	0	0	0	0	0	0
Broad Creek Boat Launch Ramp	679,000	679,000	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0
Debris/Derelict Boats	100,000	100,000	0	0	0	0	0	0
Fallston Recreation Complex Improvements	325,000	325,000	0	0	0	0	0	0
Francis Silver Park Improvements	25,000	25,000	0	0	0	0	0	0
Harford Center for the Arts	50,000	50,000	0	0	0	0	0	0
Heavenly Waters Park - Soma	100,000	100,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

PARKS & RECREATION FUND

Open Projects (cont.):

Heavenly Waters Park	2,120,000	2,120,000	0	0	0	0	0	0
Jarrettsville Complex Restrooms	350,000	350,000	0	0	0	0	0	0
Joppatowne Area Dredging	990,000	990,000	0	0	0	0	0	0
McFaul Activity Center Renovations	251,000	251,000	0	0	0	0	0	0
Nuttal Avenue Park Development	500,000	500,000	0	0	0	0	0	0
Promenade Park	15,000	15,000	0	0	0	0	0	0
Schucks Road Regional Complex	8,110,415	8,110,415	0	0	0	0	0	0

Parks & Rec Total by Project	122,980,327	65,485,327	8,135,000	5,415,000	6,955,000	8,785,000	14,865,000	13,340,000

Paygo	4,233,322	3,283,322	300,000	550,000	0	100,000	0	0
Special Paygo	0	0	0	0	0	0	0	0
Future Bonds	20,550,000	0	0	750,000	2,075,000	1,075,000	8,575,000	8,075,000
Prior Bonds	22,006,830	20,456,830	1,550,000	0	0	0	0	0
Reappropriated	5,119,935	4,709,935	410,000	0	0	0	0	0
Recordation Tax	29,918,933	14,718,933	1,655,000	2,155,000	2,040,000	2,790,000	2,855,000	3,705,000
State	7,171,000	3,891,000	200,000	50,000	915,000	2,040,000	0	75,000
Program Open Space	16,401,000	9,326,000	1,000,000	1,575,000	1,450,000	1,000,000	800,000	1,250,000
Federal	4,325,000	1,325,000	2,000,000	0	0	0	1,000,000	0
Developer	1,440,000	985,000	150,000	105,000	75,000	25,000	50,000	50,000
Other	11,814,307	6,789,307	870,000	230,000	400,000	1,755,000	1,585,000	185,000

Parks & Rec Total by Fund	122,980,327	65,485,327	8,135,000	5,415,000	6,955,000	8,785,000	14,865,000	13,340,000

TOTAL PARKS & RECREATION CAPITAL	122,980,327	65,485,327	8,135,000	5,415,000	6,955,000	8,785,000	14,865,000	13,340,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

BRIDGES

FY 17 Funded Projects:

Abingdon Road Bridge #169 over CSX	4,355,000	1,030,000	100,000	3,225,000	0	0	0	0
Bridge & Road Scour Repair	2,400,000	1,100,000	200,000	250,000	250,000	200,000	200,000	200,000
Bridge Inspection Program	5,470,000	2,990,000	650,000	160,000	650,000	160,000	700,000	160,000
Carea Road Bridge #126	89,207	0	89,207	0	0	0	0	0
Carrs Mill Road Bridge #216	2,395,000	2,245,000	150,000	0	0	0	0	0
Chestnut Hill Bridge #40	1,315,000	340,000	155,000	820,000	0	0	0	0
Culvert Rehabilitation	5,275,000	4,050,000	225,000	200,000	200,000	200,000	200,000	200,000
Edwards Lane Culvert	905,000	50,000	(45,000)	0	0	900,000	0	0
Glenville Road Bridge #30	1,440,000	250,000	120,000	25,000	1,045,000	0	0	0
Green Road Bridges #119 & #122	644,088	190,000	454,088	0	0	0	0	0
Harford Creamery Road Bridge #104	1,663,204	1,710,000	(46,796)	0	0	0	0	0
Johnson Mill Road Bridge #45	620,000	0	140,000	10,000	0	470,000	0	0
Macton Road Bridge #145	945,449	990,008	(44,559)	0	0	0	0	0
New Park Road Bridge #125	600,000	200,000	400,000	0	0	0	0	0
Phillips Mill Road Bridge #70	1,925,000	500,000	50,000	0	1,375,000	0	0	0
Prospect Road Bridge #217	178,060	225,000	(46,940)	0	0	0	0	0
Stafford Road Bridge #24	1,080,000	200,000	80,000	800,000	0	0	0	0

Outyear Projects:

Boggs Road Bridge #66	990,000	0	0	0	200,000	20,000	0	770,000
Bridge Painting	1,100,000	100,000	0	200,000	200,000	200,000	200,000	200,000
Bridge Rehabilitation	2,450,000	950,000	0	300,000	300,000	300,000	300,000	300,000
Deep Run Road Bridge #152	735,000	0	0	0	175,000	10,000	0	550,000
Fawn Grove Road Bridge #132	1,085,000	10,000	0	225,000	50,000	800,000	0	0
Glen Cove Road Bridge #156	950,000	150,000	0	800,000	0	0	0	0
Moore's Road Bridge #78	925,000	0	0	0	200,000	25,000	0	700,000
Scarboro Road Bridge #140	160,000	0	0	150,000	0	10,000	0	0
Snake Lane Bridge #31	795,000	195,000	0	0	600,000	0	0	0
Structural Evaluation	670,000	420,000	0	50,000	50,000	50,000	50,000	50,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

BRIDGES

Open Projects:

Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Hess Road Bridge #82	1,300,000	1,300,000	0	0	0	0	0	0
Jericho Road Bridge	1,530,000	1,530,000	0	0	0	0	0	0
Robinson Mill Road Bridge #154	1,385,000	1,385,000	0	0	0	0	0	0
Watervale Road Bridge #63	4,155,000	4,155,000	0	0	0	0	0	0

Bridges Total by Project	52,380,008	29,115,008	2,630,000	7,215,000	5,295,000	3,345,000	1,650,000	3,130,000

Paygo	20,533,557	14,038,557	425,000	1,160,000	1,000,000	2,010,000	950,000	950,000
Prior Paygo	0	0	0	0	0	0	0	0
Future Bonds	12,034,000	0	1,190,000	4,680,000	2,809,000	1,335,000	0	2,020,000
Prior Bonds	1,692,268	1,692,268	0	0	0	0	0	0
Reappropriated	443,183	443,183	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	17,197,000	12,461,000	1,015,000	1,375,000	1,486,000	0	700,000	160,000
Other	0	0	0	0	0	0	0	0
Developer	480,000	480,000	0	0	0	0	0	0

Bridges Total by Fund	52,380,008	29,115,008	2,630,000	7,215,000	5,295,000	3,345,000	1,650,000	3,130,000

ROADWAYS

FY 17 Funded Projects:

Bel Air Transportation Study	295,716	300,000	(4,284)	0	0	0	0	0
Drainage Improvements	2,300,000	1,225,000	200,000	175,000	175,000	175,000	175,000	175,000
Guardrails	1,150,000	425,000	100,000	125,000	125,000	125,000	125,000	125,000
Intersection Improvements	3,931,728	2,227,444	204,284	300,000	300,000	300,000	300,000	300,000
Moore's Mill Road	9,713,088	7,212,113	2,500,975	0	0	0	0	0
New Roads and Stormdrains	3,475,000	1,475,000	1,000,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Replacement	2,816,231	1,391,231	75,000	250,000	250,000	250,000	300,000	300,000
Tollgate Road (West Ring Factory Rd. to Plumtree Rd.)	5,473,439	3,143,439	2,330,000	0	0	0	0	0
Wheel Road (Laurel Bush to Fairway)	6,403,915	6,626,226	(222,311)	0	0	0	0	0

Outyear Projects:

Bata Blvd. Access Road	600,000	0	0	150,000	0	0	450,000	0
MD152/Oakmont Road/Port Lane	950,732	400,732	0	0	0	0	550,000	0
Schucks Road Improvements	1,712,192	437,192	0	1,275,000	0	0	0	0
Traffic Calming, Bicycle & Road Safety Improvements	1,200,000	450,000	0	150,000	150,000	150,000	150,000	150,000
Traffic Signals 15	359,601	109,601	0	50,000	50,000	50,000	50,000	50,000
Trimble Road (Joppa Road to Garnett Drive)	650,000	0	0	0	100,000	50,000	0	500,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

ROADWAYS

Open Projects:

Cape Knoll Road Acceptance	150,000	150,000	0	0	0	0	0	0
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Schucks Road Culvert Replacement	80,000	80,000	0	0	0	0	0	0
Village of Scot's Fancy Starmount Lane	750,000	750,000	0	0	0	0	0	0

Roadways Total by Project	42,361,642	26,752,978	6,183,664	2,675,000	1,350,000	1,300,000	2,300,000	1,800,000

Paygo	19,074,206	11,449,206	575,000	1,150,000	1,250,000	1,200,000	1,750,000	1,700,000
Future Bonds	5,880,000	0	4,005,000	1,425,000	0	0	450,000	0
Prior Bonds	4,396	732	3,664	0	0	0	0	0
Reappropriated	1,874,601	1,874,601	0	0	0	0	0	0
State	7,463,439	6,863,439	600,000	0	0	0	0	0
Federal	240,000	240,000	0	0	0	0	0	0
Developer	2,993,292	1,493,292	1,000,000	100,000	100,000	100,000	100,000	100,000
Other	4,831,708	4,831,708	0	0	0	0	0	0

Roadways Total by Fund	42,361,642	26,752,978	6,183,664	2,675,000	1,350,000	1,300,000	2,300,000	1,800,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
HIGHWAYS FUND								
RESURFACING								
FY 17 Funded Projects:								
Resurfacing Roadways	29,502,435	0	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
Open Projects:								
Resurfacing Roadways 14	6,661,509	6,661,509	0	0	0	0	0	0
Resurfacing Roadways 15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Roadways 16	5,292,842	5,292,842	0	0	0	0	0	0
Resurfacing Total by Project	47,059,892	17,557,457	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
Paygo	44,484,500	15,095,000	4,889,500	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
Developer	0	0	0	0	0	0	0	0
Reappropriated	2,575,392	2,462,457	112,935	0	0	0	0	0
Resurfacing Total by Fund	47,059,892	17,557,457	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
OTHER								
FY 17 Funded Projects:								
APG Gate PILOT	820,603	590,000	230,603	0	0	0	0	0
Fleet Replacement	13,942,000	7,242,000	1,700,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Refresh Program	450,500	323,000	42,500	42,500	42,500	0	0	0
Safeguarding Business Operations	3,187,450	2,437,450	250,000	250,000	250,000	0	0	0
Sidewalks and Handicapped Ramps	1,749,300	780,000	219,300	150,000	150,000	150,000	150,000	150,000
Outyear Projects:								
Efficiency Capital Investment Project	355,000	155,000	0	40,000	40,000	40,000	40,000	40,000
Equipment Sheds	200,000	0	0	100,000	100,000	0	0	0
Open Projects:								
Facilities Repair Program	1,007,000	1,007,000	0	0	0	0	0	0
Fuel Dispensing System Upgrade	950,000	950,000	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0
Hickory II Improvements	823,503	823,503	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	1,600,000	1,600,000	0	0	0	0	0	0
Other Total by Project	26,553,856	17,376,453	2,442,403	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
Paygo	25,851,056	16,842,953	2,273,103	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
Special Paygo	0	0	0	0	0	0	0	0
Reappropriated	25,000	25,000	0	0	0	0	0	0
Federal	169,300	64,650	104,650	0	0	0	0	0
State	70,000	70,000	0	0	0	0	0	0
Developer	64,650	0	64,650	0	0	0	0	0
Other	373,850	373,850	0	0	0	0	0	0
Other Total by Fund	26,553,856	17,376,453	2,442,403	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
TOTAL HIGHWAYS CAPITAL	168,355,398	90,801,896	16,258,502	15,972,500	12,927,500	10,735,000	10,240,000	11,420,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

WATER & SEWER FUND

WATER PROJECTS

FY 17 Funded Projects:

Efficiency Capital Investment Projects	300,000	150,000	150,000	0	0	0	0	0
Fleet Replacement	8,103,530	2,662,000	800,000	840,000	882,000	926,100	972,405	1,021,025
Refresh Program	477,000	342,000	45,000	45,000	45,000	0	0	0
Safeguarding Business Operations	3,324,650	2,574,650	250,000	250,000	250,000	0	0	0
Site Acquisition	435,073	800,000	(364,927)	0	0	0	0	0
Site Acquisition 17	364,927	0	364,927	0	0	0	0	0
Tank Painting FY 17	4,800,000	0	800,000	800,000	800,000	800,000	800,000	800,000
Water and Sewer Authority Study Establishment	1,000,000	2,000,000	(1,000,000)	0	0	0	0	0
Water System Model Study	300,000	0	300,000	0	0	0	0	0
Water Zone Improvements	600,000	150,000	300,000	150,000	0	0	0	0

Outyear Projects:

Central W&S Laboratory	4,350,000	0	0	0	0	400,000	3,950,000	0
HDG WTP Upgrade	3,000,000	0	0	0	0	300,000	0	2,700,000
Oak Grove Booster Station	330,000	0	0	330,000	0	0	0	0
Rate Study Revisited #1	150,000	0	0	0	150,000	0	0	0
Reconstruct Perryman Wellhouses/Wells	1,860,000	0	0	0	210,000	1,650,000	0	0
Replacement of Water Booster Station SCADA	1,500,000	300,000	0	1,200,000	0	0	0	0
Renewal and Replacement Water Infrastructure	1,600,000	400,000	0	0	300,000	300,000	300,000	300,000
Rt. 7 Transmission Parallel Ph 1	2,525,000	0	0	0	0	250,000	0	2,275,000
Rt. 7 Transmission Parallel Ph 2	8,850,000	0	0	0	0	0	900,000	7,950,000
US 40 and Rt 159 SHA Water Relocation	3,800,000	2,600,000	0	0	1,200,000	0	0	0

Open Projects:

Abingdon Road Water	8,300,000	8,300,000	0	0	0	0	0	0
Abingdon WTP Expansion	76,535,000	76,535,000	0	0	0	0	0	0
City of Baltimore - Deer Creek PS and Valve Improvements	3,700,000	3,700,000	0	0	0	0	0	0
City of Baltimore Raw Water Supply	3,300,000	3,300,000	0	0	0	0	0	0
Construction Unanticipated 12	300,000	300,000	0	0	0	0	0	0
Construction Unanticipated 15	460,000	460,000	0	0	0	0	0	0
HMAN (Harford County Metro Area Network)	1,220,000	1,220,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
WATER & SEWER FUND								
WATER PROJECTS								
Magnolia Booster Station	1,450,000	1,450,000	0	0	0	0	0	0
Tank Painting 12	300,000	300,000	0	0	0	0	0	0
Tank Painting 14	500,000	500,000	0	0	0	0	0	0
Tank Painting 15	800,000	800,000	0	0	0	0	0	0
Tank Painting 16	700,000	700,000	0	0	0	0	0	0
Tollgate Road Water Main Parallel 15	1,292,227	1,292,227	0	0	0	0	0	0
Underground & Aboveground Storage Tank Management	50,000	50,000	0	0	0	0	0	0
Water and Sewer Billing Project	1,500,000	1,500,000	0	0	0	0	0	0
Water Meter Upgrade	1,210,000	1,210,000	0	0	0	0	0	0
Water Total by Project	149,287,407	113,595,877	1,645,000	3,615,000	3,837,000	4,626,100	6,922,405	15,046,025
Paygo	28,742,624	14,789,473	1,361,621	2,085,000	2,637,000	3,676,100	2,072,405	2,121,025
Prior Paygo	(300,000)	0	(300,000)	0	0	0	0	0
Future Bonds	21,455,000	0	0	1,530,000	1,200,000	950,000	4,850,000	12,925,000
Prior Bonds	97,682,460	97,682,460	0	0	0	0	0	0
Reappropriated	1,407,323	973,944	433,379	0	0	0	0	0
State	300,000	150,000	150,000	0	0	0	0	0
Water Total by Fund	149,287,407	113,595,877	1,645,000	3,615,000	3,837,000	4,626,100	6,922,405	15,046,025
SEWER PROJECTS								
FY 17 Funded Projects:								
Bill Bass PS FM Replacement	11,200,384	700,384	200,000	5,150,000	5,150,000	0	0	0
Bio Solids Facilities Enhancements	4,650,000	0	900,000	3,750,000	0	0	0	0
Bynum Ridge Replacement Sewer	415,000	200,000	40,000	0	0	0	0	175,000
Bynum Run Interceptor Phase 6&7	16,466,340	9,066,340	400,000	0	3,500,000	3,500,000	0	0
Fallston Sanitation Sub-District Sewer Capacity Study	300,000	0	300,000	0	0	0	0	0
Ring Factory PS and Fairwind Farms Abandonment	1,360,000	960,000	400,000	0	0	0	0	0
Sod Run Facility Improvements	7,100,000	3,300,000	(200,000)	0	1,300,000	1,000,000	700,000	1,000,000
Outyear Projects:								
Ah-Ha Collector Upgrade	1,950,000	0	0	0	0	0	950,000	1,000,000
Edgewood Interceptor Sewer Parallel	14,600,000	500,000	0	0	0	3,600,000	10,500,000	0
Infiltration and Inflow	650,000	350,000	0	100,000	0	100,000	0	100,000
Renewal and Replacement Sewer Infrastructure	2,000,000	800,000	0	0	300,000	300,000	300,000	300,000
Open Projects:								
Bush Creek Pump Station	28,400,000	28,400,000	0	0	0	0	0	0
ENR Refinement at Sod Run	57,500,000	57,500,000	0	0	0	0	0	0
Green Ridge Pump Station Replacement	1,500,000	1,500,000	0	0	0	0	0	0
Harford WWTP Facility Improvements	885,000	885,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM FY 2019	FY 2020	FY 2021	FY 2022

WATER & SEWER FUND

SEWER PROJECTS

Open Projects (cont.):

Joppatowne Pump Station No. 47	4,050,000	4,050,000	0	0	0	0	0	0
Lower Bynum Run	9,640,000	9,640,000	0	0	0	0	0	0
Oaklyn Manor/Joppa Area Sewer Relief	1,950,300	1,950,300	0	0	0	0	0	0
Town Center Drive Pump Station Replacement	350,000	350,000	0	0	0	0	0	0
Utility Protection/Restoration	500,000	500,000	0	0	0	0	0	0
Sewer Total by Project	165,467,024	120,652,024	2,040,000	9,000,000	10,250,000	8,500,000	12,450,000	2,575,000
Paygo	9,289,620	7,174,620	440,000	100,000	300,000	400,000	300,000	575,000
Prior Paygo	300,000	0	300,000	0	0	0	0	0
Future Bonds	42,200,000	0	1,100,000	8,900,000	9,950,000	8,100,000	12,150,000	2,000,000
Prior Bonds	65,139,520	65,049,802	89,718	0	0	0	0	0
Reappropriated	610,566	500,284	110,282	0	0	0	0	0
State	46,400,000	46,400,000	0	0	0	0	0	0
Federal	1,250,300	1,250,300	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Developer	277,018	277,018	0	0	0	0	0	0
Sewer Total by Fund	165,467,024	120,652,024	2,040,000	9,000,000	10,250,000	8,500,000	12,450,000	2,575,000

TOTAL WATER & SEWER CAPITAL	314,754,431	234,247,901	3,685,000	12,615,000	14,087,000	13,126,100	19,372,405	17,621,025

	TOTAL COST	PRIOR APPROP	BUDGET FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM FY 2019	FY 2020	FY 2021	FY 2022
TOTAL APPROVED CAPITAL IMPROVEMENT PROGRAM	1,542,235,472	1,097,050,367	80,271,575	85,737,500	93,571,500	61,746,100	62,927,405	60,931,025

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 17 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
GENERAL PROJECTS:			
<u>Infrastructure Efficiency Capital Investment Projects</u> This project will implement projects that will increase operational efficiency through reducing operating costs and the County's environmental footprint.	\$100,000	\$1,130,000	These projects will result in reducing operating costs and increasing operator efficiency through strategic investment in energy efficient projects.
<u>Harford County Area Metro Area Network</u> This project uses advanced telecommunications infrastructure to increase access to the web and other computer utilities for the citizens, businesses, and governmental entities within Harford County.	\$0	\$16,200,000	There will be some costs incurred in annual maintenance fees for equipment; and \$418,000 for fiber management and repairs.
<u>Safeguarding Business Operations</u> The purpose of this project is to integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning, Applications, & Database modernization.	\$2,000,000	\$24,075,400	Ongoing maintenance and support for various software packages. Tyler/Energov at \$230,000; Kronos at \$44,000; VOIP at \$140,000; and other miscellaneous packages at \$60,000.
<u>Refresh Program</u> This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	\$150,000	\$3,385,000	Savings from reduction in computer repairs and costly down time. Also improved productivity by taking advantage of latest technology.
<u>Underground & Aboveground Storage Tank Management</u> This project will replace, repair and retrofit various aboveground and underground storage tanks to improve safety and reliability.	\$310,000	\$505,000	Impact will be minimal if repairs/replacements are proactively scheduled. Delayed repairs until failure would endanger the environment & cost exponentially more.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 17 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>STORMWATER MANAGEMENT PROJECTS:</i>			
<u>County Owned Watershed Restoration Improvements</u> This project will be used for design & construction of projects located on County owned property. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.	\$3,125,000	\$22,725,000	Long term maintenance fees for new stormwater facilities.
<u>Joppatowne Area Watershed Restoration</u> This project will provide funds for dredging in the tidal areas of Foster Branch and Rumsey Island, required for boating access. A watershed assessment in 2012 provided prioritized recommendations for restoration projects.	\$450,000	\$5,300,000	Long term maintenance fees for new stormwater facilities.
<u>Plumtree Run Watershed Restoration</u> The Plumtree Run Watershed is the most developed watershed in Harford County. This project will include prioritized recommendations including ten stream restorations and seven stormwater management retrofits.	\$1,175,000	\$7,443,452	Long term maintenance fees for new stormwater facilities.
<u>Riverside Area Watershed Restoration</u> This project will fund the restoration projects at Declaration Run in Riverside. This watershed discharges directly into Bush Creek and includes the Riverside community.	\$1,075,000	\$5,785,886	Long term maintenance fees for new stormwater facilities.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 17 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>STORMWATER MANAGEMENT PROJECTS (cont.):</i>			
<u>Sams Branch Watershed Restoration</u> Sams Branch Watershed drains from Edgewood Elementary School through the Edgewood Meadows community to Otter Point Creek. This project will fund restoration projects that were identified as part of the assessment and monitoring plan for this watershed.	\$200,000	\$3,172,922	Long term maintenance fees for new stormwater facilities.
<u>Wheel Creek Watershed Restoration</u> The Wheel Creek Watershed assessment prioritized recommendations for restoration projects, including four stream restorations and five stormwater management retrofit projects that provide the most cost effective improvements to water quality for the 435 acre watershed.	\$550,000	\$6,989,607	Long term maintenance fees for new stormwater facilities.
<i>PUBLIC SAFETY PROJECTS:</i>			
<u>700 MHz Wireless Radio System Equipment</u> This project provides funding to upgrade sites and equipment to accommodate 700 and 800 MHz channels and comply with the APCO P-25 technology standards. These upgrades are necessary to ensure interoperability with surrounding jurisdictions and the regional radio systems.	\$0	\$21,693,992	Ongoing maintenance of radio equipment.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 17 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>PARKS AND RECREATION PROJECTS:</i>			
<u>Athletic Field Improvements</u> Replacement of the stadium field and improvements to the running track at Fallston High School.	\$1,550,000	\$13,900,000	Weekly maintenance, including field grooming and trash collection.
<u>Canoe and Kayak Water Access</u> This project provides funding for construction of canoe and kayak launches along various waterways throughout the County. The project will provide additional recreation opportunities along waterways, such as Deer Creek.	\$250,000	\$725,000	Weekly maintenance, including grass mowing and trash collection.
<u>Emily Bayliss Graham Park</u> This project provides funding for development of Emily Bayliss Graham Park, a passive park site in Emmorton. The park will include trails, picnic pavilions and opportunities for the public to learn about the history of the site and surrounding community.	\$200,000	\$2,600,000	Weekly maintenance, including trail maintenance and trash collection.
<u>Parkland Acquisition</u> This project provides funding for acquisition of property to add to the County park inventory. The amount of acreage the Department is able to purchase is affected by the location and price of each parcel. Since 2006, the Department has added over 450 acres to its inventory. While not all of these sites required regular mowing at the time of their acquisition, most of the acreage will be developed into future park sites.	\$1,050,000	\$9,591,000	The department currently pays \$21 (approx)/acre for private contractors to mow at park sites. Assuming a site is mowed 22 times/mowing season; and only half of the added acreage (225) will be mowed, the cost to maintain this add'l acreage is \$106,425/mowing season. This is the equivalent of approximately 2 FTE Maintenance Worker I positions for the Department.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 17 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>HIGHWAYS PROJECTS:</i>			
<u>Efficiency Capital Investment Projects</u> This project will implement projects that will increase operational efficiency through reducing operating costs and the County's environmental footprint.	\$0	\$355,000	These projects will result in reduced operating costs and increasing operator efficiency through strategic investment in energy efficient projects.
<u>Fleet Replacement</u> The purpose of this project is to replace existing vehicles and equipment that has exceeded their useful life.	\$1,700,000	\$13,942,000	
<u>Harford Area Metro Area Network</u> This project uses advanced telecommunications infrastructure to increase access to the web and other computer utilities for the citizens, businesses, and governmental entities within Harford County.	\$0	\$930,000	There will be some costs incurred in annual maintenance fees for equipment. Also an opportunity for additional revenue to be generated by selling access through a third party.
<u>Refresh Program</u> This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	\$42,500	\$450,500	Ability to order large volume of computers at one time, reducing the impact of replacing too much equipment at one time.
<u>Safeguarding Business Operations</u> The purpose of this project is to integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning, Applications, & Database modernization.	\$250,000	\$3,187,450	Annual license/maintenance fees associated with this project.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 17 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>HIGHWAYS PROJECTS (cont.):</i>			
<u>Resurfacing Roadways FY 17</u> The purpose of this project is to upgrade and overlay the County's 630+ miles of asphalt road.	\$5,002,435	\$29,502,435	Potential for long term reductions in material costs for roadway repairs.
<i>WATER AND SEWER PROJECTS:</i>			
<u>Efficiency Capital Investment Projects</u> This project will implement projects that will increase operational efficiency through reducing operating costs and the County's environmental footprint.	\$150,000	\$300,000	These projects will result in reducing operating costs and increasing operator efficiency through strategic investment in energy efficient projects.
<u>Underground & Aboveground Storage Tank Management</u> This project will replace, repair and retrofit various aboveground and underground storage tanks to improve safety and reliability.	\$0	\$50,000	Impact will be minimal if repairs/replacements are proactively scheduled. Delayed repairs until failure would endanger the environment & cost exponentially more.
<u>Refresh Program</u> This project is refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	\$45,000	\$477,000	Ability to order large volume of computers at one time, reducing the impact of replacing too much equipment at one time.
<u>Harford Area Metro Area Network</u> This project uses advanced telecommunications infrastructure to increase access to the web and other computer utilities for the citizens, businesses, and governmental entities within Harford County.	\$0	\$1,220,000	There will be some costs incurred in annual maintenance fees for equipment. Also an opportunity for additional revenue to be generated by selling access through a third party.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 17 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>WATER AND SEWER PROJECTS (cont.):</i>			
<u>Safeguarding Business Operations</u> The purpose of this project is to integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning, Applications, & Database modernization.	\$250,000	\$3,324,650	Annual license/maintenance fees associated with this project.
<u>Fleet Replacement</u> The purpose of this project is to replace existing vehicles and equipment that has exceeded their useful life.	\$800,000	\$8,103,530	Long term reductions in vehicle maintenance expenditures and downtime of needed equipment.

Included in the FY 17 Capital Improvement Program are the following projects that have planned funding of future county bonds payable over 20 years. These projects will impact future operating budgets with principal, interest and service cost expenses. Also included are projects with prior bond appropriations that have been reallocated to other capital projects.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
GENERAL PROJECTS:							
<u>Facilities Repair Program</u> The purpose of this project is to repair and renovate buildings, roofs, parking lots, HVAC systems, etc.	3,367,396	500,000	500,000	500,000	500,000	500,000	\$5,867,396
<u>Fleet Maintenance Facility</u> This project will provide for engineering & design of a new Fleet Maintenance/Radio Shop facility.	1,000,000	0	0	0	0	0	\$1,000,000
<u>Harford County Southern Resource Annex</u> This project will be closed and removed from the Capital Improvement Program and remaining bond funding will be transferred to other capital projects.	(2,917,328)	0	0	0	0	0	(2,917,328)
PUBLIC SAFETY:							
<u>New Emergency Operations Center Complex</u> Current bond funding on this project in the amount of \$3,000,000 is being transferred to other capital projects for FY 17.	(3,000,000)	0	0	0	0	0	(3,000,000)

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>STORMWATER MANAGEMENT PROJECTS:</i>							
<u>Bynum Run @ St. Andrews Water Stream Restoration</u> This project provides for the design and construction of a stream restoration at Bynum Run.	0	600,000	0	0	0	0	\$600,000
<u>County Owned Watershed Restoration Improvements</u> Funding will be provided for projects designed and constructed to reduce pollutant loading and improve water quality of the streams and rivers in Harford County.	2,100,000	1,950,000	2,650,000	2,750,000	3,000,000	3,100,000	\$15,550,000
<u>Joppatowne Area Watershed Restoration</u> Dredging and restoration in the areas of Foster Branch and Rumsey Island in Joppatowne.	250,000	400,000	400,000	400,000	400,000	400,000	\$2,250,000
<u>Plumtree Run Watershed Restoration</u> Stream restoration and stormwater management retrofit in the Plumtree Run Watershed.	600,000	400,000	400,000	400,000	400,000	400,000	\$2,600,000
<u>Riverside Area Watershed Restoration</u> Restoration projects in the Riverside Area Watershed including Declaration Run, Bush Creek and the Riverside community.	400,000	400,000	400,000	400,000	400,000	400,000	\$2,400,000
<u>Sams Branch Watershed Restoration</u> Provides for restoration of the Sams Branch Watershed from Edgewood Elementary School through the Edgewood Meadows Community.	50,000	300,000	300,000	300,000	300,000	300,000	\$1,550,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>STORMWATER MANAGEMENT PROJECTS:</i>							
<u>Septic System Disconnection</u> This project provides funding to connect septic systems to sanitary sewers.	50,000	50,000	50,000	50,000	50,000	50,000	\$300,000
<u>Sunnyview Stream Restoration</u> Design & construction of a stream restoration on the Farnandis Branch, a tributary of Bynum Run.	300,000	0	0	0	0	0	\$300,000
<u>Watershed Restoration Assessment</u> This project provides funding for management tools used to develop programs to address water quality issues.	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	\$7,200,000
<u>Watershed Restoration Improvements</u> This project will provide funding to reduce pollutant loading and improve water quality of the streams and rivers in Harford County.	450,000	400,000	400,000	400,000	400,000	400,000	\$2,450,000
<u>Watershed Restoration Maintenance</u> This project provides funding for the annual maintenance of watershed restoration projects including but not limited to new stormwater retrofit projects.	100,000	100,000	100,000	100,000	100,000	100,000	\$600,000
<u>Wheel Creek Watershed Restoration</u> This project provides funding for prioritized restoration projects including 4 stream restorations and 5 stormwater management retrofit projects.	400,000	150,000	150,000	150,000	0	0	\$850,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>HARFORD COMMUNITY COLLEGE:</i>							
<u>Fallston Hall Renovations</u> This project provides funding for capital renovation of the 24,728 GSF classroom building.	0	268,515	2,685,609	321,300	0	0	\$3,275,424
<i>BOARD OF EDUCATION:</i>							
<u>Darlington Elementary School Comprehensive HVAC Project</u> This project provides funding to put the school on one HVAC system.	414,948	0	0	0	0	0	\$414,948
<u>Joppatowne Elementary School</u> Prior bond funds are being removed from this project to correct a financial issue.	(16,948)	0	0	0	0	0	-\$16,948
<u>Riverside ES HVAC Systemic Renovation</u> This project provides funding to replace the HVAC system throughout the school.	4,716,000	0	0	0	0	0	\$4,716,000
<u>Roof Replacement - Joppatowne High School</u> This project provides funding to replace the roof and prevent damage to the interior of Joppatowne High School.	1,115,000	0	0	0	0	0	\$1,115,000
<u>William Paca/Old Post ES Open Space Enclosure</u> This project will enclose open space classrooms at William Paca/Old Post Elementary School.	1,261,000	0	0	0	0	0	\$1,261,000
<u>William S. James ES Open Space Enclosure</u> This project will provide funding to enclose open space classrooms at William S. James Elementary School.	691,000	0	0	0	0	0	\$691,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>BOARD OF EDUCATION:</i>							
<u>Youth's Benefit Elementary School Replacement</u> This is the second phase of the replacement of YBES, to replace a two building campus with one replacement.	2,419,000	0	0	0	0	0	\$2,419,000
<u>Havre de Grace Middle/High School Replacement</u> This project plans for the replacement of a two building campus, combining the middle and high school into one facility, per a scope study and recommendations.	0	26,322,000	31,515,000	9,950,000	0	0	\$67,787,000
<u>Major HVAC Repairs</u> This project provides funding for large major equipment repairs and replacement of HVAC equipment at various school buildings.	0	0	0	1,000,000	1,000,000	1,000,000	\$3,000,000
<u>Major Roof Repair/Replacement</u> This capital project provides funding for large major repairs and replacement of roofs for Harford County Public Schools.	0	0	0	750,000	750,000	750,000	\$2,250,000
<i>PARKS AND RECREATION:</i>							
<u>Athletic Field Improvements</u> Funding provides for major improvements to athletic fields at various locations throughout the County by the installation of synthetic turf.	1,550,000	150,000	1,025,000	575,000	575,000	575,000	\$4,450,000
<u>Swan Harbor Farm Improvements</u> This project proposes renovations and improvements at Swan Harbor Farm, to include a hiker/biker trail and additional parking.	0	0	0	1,050,000	0	0	\$1,050,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>PARKS AND RECREATION:</i>							
<u>Aberdeen Activity Center</u> This project will provide for a multi-purpose center to serve leisure needs for all ages in the Aberdeen community.	0	0	0	500,000	8,000,000	0	\$8,500,000
<u>Enlarged Gymnasiums & Joint Facilities</u> Funding provides for the construction of shared facilities at joint facilities at public schools such as enlarged gyms, activity rooms and recreational storage.	0	600,000	0	0	0	0	\$600,000
<u>Jarrettsville Recreation Center</u> This project proposes a multi-purpose center to serve the leisure needs for all ages in the Jarrettsville community.	0	0	0	0	0	6,500,000	\$6,500,000
<u>Joppa/Joppatowne Youth/Senior Center</u> Project proposes funding for a multi-purpose center to serve the leisure needs for all ages in the Joppa/Joppatowne community.	0	0	0	0	0	500,000	\$500,000
<i>PARKS AND RECREATION:</i>							
<u>Northern Regional Park</u> Project proposes a regional recreation facility to serve multiple recreation councils in the northern part of the County.	0	0	0	0	0	500,000	\$500,000
<u>TOTAL PLANNED 20 YEAR GENERAL FUND BONDS:</u>	16,500,068	33,790,515	41,775,609	20,796,300	17,075,000	16,675,000	\$146,612,492

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>HIGHWAYS FUND PROJECTS:</i>							
<u>Abingdon Road Bridge #169 over CSX</u> This project replaces the existing bridge over the CSX.	100,000	2,500,000	0	0	0	0	\$2,600,000
<u>Chestnut Hill Bridge #40</u> This project will replace the existing Chestnut Hill Road Bridge.	80,000	170,000	0	0	0	0	\$250,000
<u>Glenville Road Bridge #30</u> This project is to replace the bridge that carries Glenville Road over Mill Brook.	20,000	25,000	209,000	0	0	0	\$254,000
<u>Green Road Bridges #119 and #122</u> This project is to replace the bridges that carry Green Road over a tributary of Deer Creek.	404,559	0	0	0	0	0	\$404,559
<u>Johnson Mill Road Bridge #45</u> This project is to replace the Johnson Mill Road Bridge #45 over Stout Bottle Branch.	140,000	10,000	0	470,000	0	0	\$620,000
<u>Macton Road Bridge #145</u> This project has been completed and remaining bond funding will be transferred to another capital project.	(44,559)	0	0	0	0	0	(44,559)
<u>New Park Road Bridge #125</u> This project is to replace the bridge that carries New Park Road over Island Branch. The existing bridge is narrow and poorly aligned with the approaches.	400,000	0	0	0	0	0	\$400,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>HIGHWAYS FUND PROJECTS:</i>							
<u>Phillips Mill Road Bridge #70</u> This project will replace the bridge that carries Phillips Mill Road over a tributary to East Branch.	50,000	0	1,375,000	0	0	0	\$1,425,000
<u>Stafford Road Bridge #24</u> This bridge carries Stafford Road over Deer Creek.	40,000	800,000	0	0	0	0	\$840,000
<u>Boggs Road Bridge #66</u> This project will replace the bridge that carries Boggs Road over Long Branch.	0	0	200,000	20,000	0	770,000	\$990,000
<u>Deep Run Road Bridge #152</u> This project is to replace the bridge that carries Deep Run Road over Deep Run.	0	0	175,000	10,000	0	550,000	\$735,000
<u>Fawn Grove Road Bridge #132</u> This project will replace the bridge that carries Fawn Grove Road over Falling Branch.	0	225,000	50,000	800,000	0	0	\$1,075,000
<u>Glen Cove Road Bridge #156</u> This project is to replace the bridge that carries Glen Cove Road over Peddler Run.	0	800,000	0	0	0	0	\$800,000
<u>Moore's Road Bridge #78</u> This project will replace the bridge that carries Moore's Road over a tributary to Gunpowder Falls.	0	0	200,000	25,000	0	700,000	\$925,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>HIGHWAYS FUND PROJECTS:</i>							
<u>Scarboro Road Bridge #140</u> This project will replace the bridge that carries Scarboro Road over a tributary to Deer Creek.	0	150,000	0	10,000	0	0	\$160,000
<u>Snake Lane Bridge #31</u> This project will replace Snake Lane Bridge #31 over James Run.	0	0	600,000	0	0	0	\$600,000
<u>Moore's Mill Road</u> This project consists of improving Moore's Mill Road, which is a connector road between two State roads.	1,900,975	0	0	0	0	0	\$1,900,975
<u>Tollgate Road (W. Ring Factory Rd. to Plumtree Rd.)</u> This project will complete the "missing" road segment to the south of Plumtree Rd.	2,330,000	0	0	0	0	0	\$2,330,000
<u>Wheel Road (Laurel Bush to Fairway)</u> Prior bond funding has been reappropriated to the Moore's Mill Road Capital project.	(222,311)	0	0	0	0	0	(222,311)
<u>Bata Boulevard Access Road</u> This project will construct an access road from MD 543 directly to Bata Boulevard.	0	150,000	0	0	450,000	0	\$600,000
<u>Schucks Road Improvements</u> This project is to replace the existing culvert on Schucks Road at Edwards Lane.	0	1,275,000	0	0	0	0	\$1,275,000
<u>TOTAL PLANNED 20 YEAR HIGHWAYS FUND BONDS:</u>	5,198,664	6,105,000	2,809,000	1,335,000	450,000	2,020,000	\$17,917,664

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>WATER AND SEWER FUND PROJECTS:</i>							
<u>Site Acquisition</u> This project will for the site acquisition of needed land for future development of water and sewer facilities to meet the demand of future growth inside the development envelope.	(364,927)	0	0	0	0	0	(364,927)
<u>Site Acquisition 17</u> This project will for the site acquisition of needed land for future development of water and sewer facilities to meet the demand of future growth inside the development envelope.	364,927	0	0	0	0	0	\$364,927
<u>Central W&S Laboratory</u> This project provides funds for the design and construction of a central consolidated laboratory for the Division of Water and Sewer.	0	0	0	400,000	3,950,000	0	\$4,350,000
<u>Havre de Grace Water Treatment Plant Upgrade</u> This project will allow for the addition of the third treatment unit and various upgrades to the existing plant to replace the capacity of the system as Havre de Grace buys their water supply capacity back within the terms of the 1980's agreement.	0	0	0	300,000	0	2,700,000	\$3,000,000
<u>Oak Grove Booster Station</u> This project will provide for the County's portion of a new water booster station, to allow for abandonment of the existing Woodbridge station.	0	330,000	0	0	0	0	\$330,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>WATER AND SEWER FUND PROJECTS:</i>							
<u>Replacement of Water Booster Station SCADA</u> This project will allow for a study to select the appropriate replacement system for Water Booster Station Supervisory Control and Data Acquisition (SCADA) system.	0	1,200,000	0	0	0	0	\$1,200,000
<u>Rt. 7 Transmission Parallel Phase I</u> This project shall allow for the design and construction of approximately 2,000 linear feet of 12" water main from Edgewood Road to Fashion Way.	0	0	0	250,000	0	2,275,000	\$2,525,000
<u>Rt. 7 Transmission Parallel Phase 2</u> This project will allow for the design and construction of approximately 7,500 linear feet of 12" water main from Fashion Way to Clayton Road to Route 40.	0	0	0	0	900,000	7,950,000	\$8,850,000
<u>US 40 and Rt. 159 SHA Water Relocation</u> It is required that the County pay for water relocation of County lines that are in SHA right of way. This project will allow for approximately 1,100 lf of reconstruction.	0	0	1,200,000	0	0	0	\$1,200,000
<u>Bill Bass PS FM Replacement</u> This project will allow for the funding, design and construction of a new replacement force main to the Bill Bass Pump Station.	89,718	5,150,000	5,150,000	0	0	0	\$10,389,718

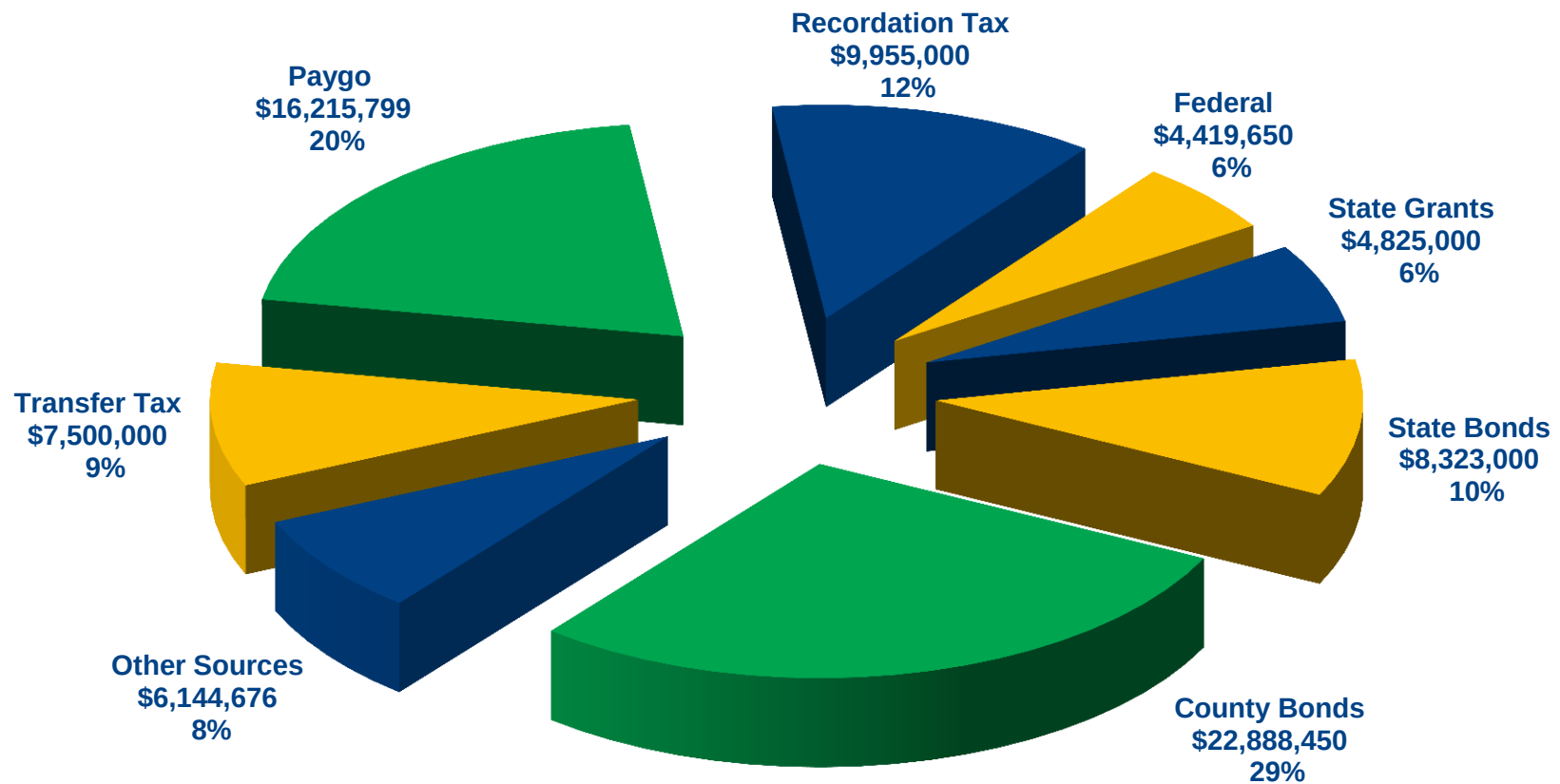
CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET
PROJECTS THAT IMPACT DEBT SERVICE

PLANNED BOND FUNDING

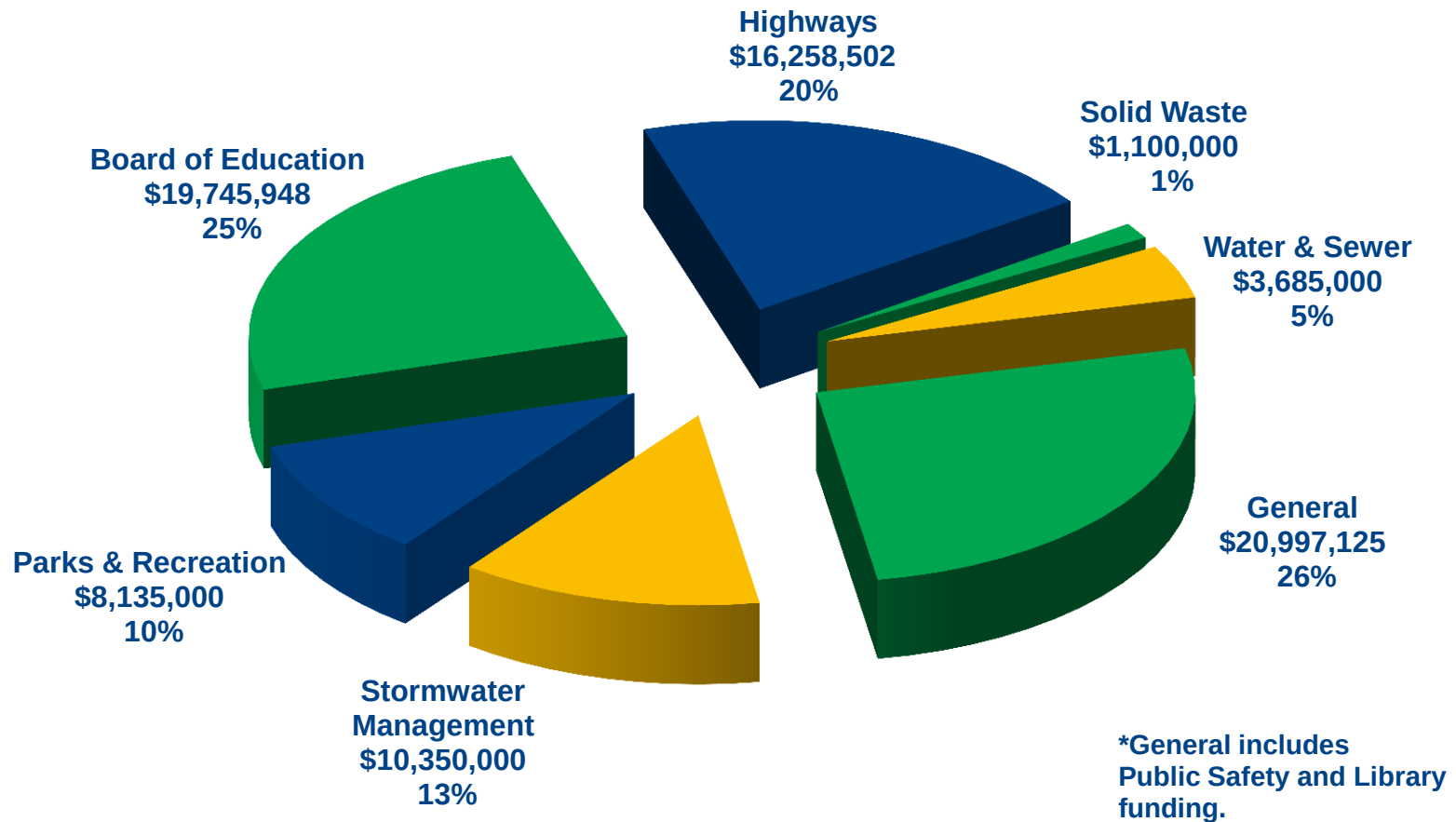
<u>Project Title/Purpose</u>	<u>FY 17 Budget</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>Total Bond Funding</u>
<i>WATER AND SEWER FUND PROJECTS:</i>							
<u>Bio Solids Facilities Enhancements</u> This project is to fund the enhancements to our bio solids treatment facilities and bio solids recycling/disposal program.	700,000	3,750,000	0	0	0	0	\$4,450,000
<u>Bynum Run Interceptor Phase 6&7</u> This project will provide for the funding of design, permits & construction of a parallel to the existing Bynum Run Interceptor from Wheel Road to the Plumtree Road Interceptor.	400,000	0	3,500,000	3,500,000	0	0	\$7,400,000
<u>Sod Run Facility Improvements</u> This project will provide for studies, design and construction of improvements to various tanks, vaults, buildings, electrical systems, and instrumentation equipment approaching its useful end of life.	0	0	1,300,000	1,000,000	700,000	1,000,000	\$4,000,000
<u>Ah-Ha Collector Upgrade</u> This project will provide for the design and construction of the Ah-Ha collector.	0	0	0	0	950,000	1,000,000	\$1,950,000
<u>Edgewood Interceptor Sewer Parallel</u> This project will fund the design and construction of approximately 9,000 linear feet of 36 inch parallel sewer between Bill Bass Pump Station and Winter's Run Outfall Sewer.	0	0	0	3,600,000	10,500,000	0	\$14,100,000
<u>TOTAL PLANNED 20 YEAR WATER & SEWER FUND BONDS:</u>	<u>1,189,718</u>	<u>10,100,000</u>	<u>11,150,000</u>	<u>8,350,000</u>	<u>13,050,000</u>	<u>12,225,000</u>	<u>\$56,064,718</u>
<u>TOTAL PLANNED 20 ALL FUNDS BONDS:</u>	<u>22,888,450</u>	<u>49,995,515</u>	<u>55,734,609</u>	<u>30,481,300</u>	<u>30,575,000</u>	<u>30,920,000</u>	<u>\$220,594,874</u>

FY 17 APPROVED CAPITAL BUDGET SUMMARY

**APPROVED CAPITAL BUDGET
REVENUES
FISCAL YEAR 2016 - 2017
TOTAL BUDGET \$80,271,575**



**APPROVED CAPITAL BUDGET
APPROPRIATIONS
FISCAL YEAR 2016 - 2017
TOTAL BUDGET \$80,271,575**



FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

GENERAL FUND

GENERAL CAPITAL

Aberdeen Library Roof and Windows	388,000	0	194,000	0	0	0	0	0	194,000	0	0	0	0
Bel Air Parking Garage	85,000	0	51,556	0	0	5,044	0	0	0	0	0	0	28,400
Board of Education Debt Service 17	17,800,000	0	0	0	0	2,000,000	7,500,000	8,300,000	0	0	0	0	0
Facilities Repair Program	3,467,396	0	0	3,367,396	0	0	0	0	0	0	0	0	100,000
Fleet Maintenance Facility	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0
Harford County Southern Resource Center	(3,589,036)	(671,708)	0	(2,917,328)	0	0	0	0	0	0	0	0	0
Infrastructure Efficiency Capital Investment Projects	100,000	0	25,000	0	0	0	0	0	75,000	0	0	0	0
Refresh Program	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	2,000,000	1,035,943	604,071	0	0	359,986	0	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	310,000	0	310,000	0	0	0	0	0	0	0	0	0	0

SUB-TOTAL GENERAL	23,211,360	364,235	2,834,627	1,450,068	0	2,365,030	7,500,000	8,300,000	269,000	0	0	0	128,400

STORMWATER MANAGEMENT

Bynum Run at St. Andrews Way Stream Restoration	500,000	0	0	0	0	0	0	0	0	0	500,000	0	0
County Owned Watershed Restoration Improvements	3,125,000	0	0	0	2,100,000	0	0	0	725,000	0	300,000	0	0
Joppatowne Area Watershed Restoration	450,000	0	0	0	250,000	0	0	0	125,000	0	75,000	0	0
Maintenance/Repair of Dams FY 14	350,000	0	100,000	0	0	0	0	0	0	0	0	0	250,000
Plumtree Run Watershed Restoration	1,175,000	0	0	0	600,000	0	0	0	500,000	0	75,000	0	0
Riverside Area Watershed Restoration	1,075,000	0	0	0	400,000	0	0	0	600,000	0	75,000	0	0
Sams Branch Watershed Restoration	200,000	0	0	0	50,000	0	0	0	100,000	0	50,000	0	0
Septic System Disconnection	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Sunnyview Stream Restoration	425,000	0	0	0	300,000	0	0	0	125,000	0	0	0	0
Watershed Restoration Assessment	1,600,000	0	0	0	1,200,000	0	0	0	300,000	0	100,000	0	0
Watershed Restoration Improvements	650,000	0	0	0	450,000	0	0	0	125,000	0	75,000	0	0
Watershed Restoration Maintenance	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Wheel Creek Watershed Restoration	550,000	0	0	0	400,000	0	0	0	100,000	0	50,000	0	0

*Paygo - Dedicated Revenue from Recordation Tax

SUB-TOTAL STORMWATER MANAGEMENT	10,350,000	0	200,000	0	5,900,000	0	0	0	2,700,000	0	1,300,000	0	250,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

GENERAL FUND

PUBLIC SAFETY

New Emergency Operations Center Complex	(3,000,000)	0	0	(3,000,000)	0								
911 State Fee Fund	100,000	0	0	0	0	0	0	0	100,000	0	0	0	0
Public Safety Communication in School Buildings	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
SCBA Replacement	500,000	0	250,000	0	0	0	0	0	0	0	0	0	250,000
VFC Facility Repair	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0

SUB-TOTAL PUBLIC SAFETY	(1,900,000)	0	750,000	(3,000,000)	0	0	0	0	100,000	0	0	0	250,000

LIBRARIES

Facility Maintenance and Repairs	(140,779)	(140,779)	0	0	0	0	0	0	0	0	0	0	0
Facility Renovations	(223,456)	(223,456)	0	0	0	0	0	0	0	0	0	0	0
Technology	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0

SUB-TOTAL LIBRARIES	(314,235)	(364,235)	50,000	0	0	0	0	0	0	0	0	0	0

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>GENERAL FUND</u>													
BOARD OF EDUCATION													
Darlington Elementary School Comp HVAC Systemic Project	1,329,948	0	0	16,948	398,000	0	0	0	915,000	0	0	0	0
Joppatowne Elementary School	0	0	16,948	(16,948)	0	0	0	0	0	0	0	0	0
Replacement Buses	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0
Riverside ES HVAC Systemic Renovation	8,780,000	0	0	0	4,716,000	0	0	0	4,064,000	0	0	0	0
Roof Replacement - Joppatowne High School	2,400,000	0	0	0	1,115,000	0	0	0	1,285,000	0	0	0	0
William Paca/Old Post ES Open Space Enclosure	2,417,000	0	0	0	1,261,000	0	0	0	1,156,000	0	0	0	0
William S. James ES Open Space Enclosure Project	1,400,000	0	0	0	691,000	0	0	0	709,000	0	0	0	0
Youth's Benefit Elementary School Replacement	2,419,000	0	0	0	2,419,000	0	0	0	0	0	0	0	0
SUB-TOTAL BOARD OF EDUCATION	19,745,948	0	1,016,948	0	10,600,000	0	0	0	8,129,000	0	0	0	0
SUB-TOTAL GENERAL FUND CAPITAL	51,093,073	0	4,851,575	(1,549,932)	16,500,000	2,365,030	7,500,000	8,300,000	11,198,000	0	1,300,000	0	628,400

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>SOLID WASTE SERVICES</u>													
SOLID WASTE SERVICES													
Scarboro Landfill Groundwater Treatment Plant Upgrades	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Waste-to-Energy Facility Closure	1,403,753	0	1,000,000	0	0	403,753	0	0	0	0	0	0	0
Waste to Energy Repairs	(403,753)	0	0	0	0	(403,753)	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	1,100,000	0	1,100,000	0	0	0	0	0	0	0	0	0	0
TOTAL ALL GENERAL FUND CAPITAL	52,193,073	0	5,951,575	(1,549,932)	16,500,000	2,365,030	7,500,000	8,300,000	11,198,000	0	1,300,000	0	628,400

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

PARKS & RECREATION FUND

PARKS & RECREATION

ADA Improvements	150,000	0	0	0	0	0	0	150,000	0	0	0	0	0
Anita C. Leight Center Improvements	235,000	0	0	0	0	0	0	135,000	100,000	0	0	0	0
Athletic Field Improvements	1,550,000	0	0	1,550,000	0	0	0	0	0	0	0	0	0
Bleacher Renovations	60,000	0	0	0	0	0	0	30,000	0	0	0	0	30,000
Canoe and Kayak Water Access	250,000	0	0	0	0	50,000	0	50,000	100,000	0	0	0	50,000
Cedar Lane Sports Complex Improvements*	250,000	0	150,000	0	0	0	0	0	0	0	0	0	100,000
Churchville Center Renovations	75,000	0	0	0	0	0	0	75,000	0	0	0	0	0
Demarco Memorial Park Improvements	40,000	0	0	0	0	20,000	0	0	0	0	0	0	20,000
Eden Mill Park Rehabilitation	50,000	0	0	0	0	50,000	0	0	0	0	0	0	0
Emily Bayliss Graham Park	200,000	0	0	0	0	0	0	200,000	0	0	0	0	0
Emmorton Recreation and Tennis Center Improvements	150,000	0	0	0	0	75,000	0	0	0	0	0	0	75,000
Facility Renovations	225,000	0	0	0	0	0	0	125,000	0	0	0	0	100,000
Flying Point Park Improvements	15,000	0	0	0	0	0	0	15,000	0	0	0	0	0
Gunpowder River Dredging	80,000	0	0	0	0	0	0	80,000	0	0	0	0	0
Indoor Recreation Facility Forest Hill/Hickory	250,000	0	0	0	0	0	0	250,000	0	0	0	0	0
Park Improvements	160,000	0	0	0	0	0	0	60,000	0	0	0	100,000	0
Parking Lot Paving	150,000	0	0	0	0	0	0	150,000	0	0	0	0	0
Parkland Acquisition	1,050,000	0	0	0	0	0	0	50,000	0	1,000,000	0	0	0
Playground Equipment	150,000	0	0	0	0	0	0	100,000	0	0	0	50,000	0
Rockfield Park Improvements	70,000	0	0	0	0	0	0	35,000	0	0	0	0	35,000
Swan Harbor Farm Improvements**	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SWM Pond Repair and Renovation	100,000	0	0	0	0	0	0	100,000	0	0	0	0	0
Tennis/Multipurpose Court	50,000	0	0	0	0	0	0	50,000	0	0	0	0	0
Tollgate Woodshop	25,000	0	0	0	0	15,000	0	0	0	0	0	0	10,000
Trails and Linear Parks	2,250,000	0	0	0	0	0	0	0	0	0	2,000,000	0	250,000
Tydings Park Improvements	400,000	0	0	0	0	200,000	0	0	0	0	0	0	200,000

*Paygo Hotel Tax Revenue

**Paygo Special Revenue

TOTAL PARKS & RECREATION CAPITAL	8,135,000	0	300,000	1,550,000	0	410,000	0	1,655,000	200,000	1,000,000	2,000,000	150,000	870,000

FY 17 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

BRIDGES

Abingdon Road Bridge #169 over CSX	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Bridge and Road Scour Repair	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program	650,000	0	0	0	0	0	0	0	0	0	650,000	0	0
Carea Road Bridge #126	89,207	57,267	0	0	0	31,940	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	150,000	0	0	0	0	0	0	0	0	0	150,000	0	0
Chestnut Hill Bridge #40	155,000	0	0	0	80,000	0	0	0	0	0	75,000	0	0
Culvert Rehabilitation	225,000	0	225,000	0	0	0	0	0	0	0	0	0	0
Edwards Lane Culvert	(45,000)	(45,000)	0	0	0	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	120,000	0	0	0	20,000	0	0	0	0	0	100,000	0	0
Green Road Bridges #119 & #122	454,088	49,529	0	44,559	360,000	0	0	0	0	0	0	0	0
Harford Creamery Road Bridge #104	(46,796)	(46,796)	0	0	0	0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	140,000	0	0	0	140,000	0	0	0	0	0	0	0	0
Macton Road Bridge #145	(44,559)	0	0	(44,559)	0	0	0	0	0	0	0	0	0
New Park Road Bridge #125	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0
Phillips Mill Road Bridge #70	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Prospect Road Bridge #217	(46,940)	(15,000)	0	0	0	(31,940)	0	0	0	0	0	0	0
Stafford Road Bridge #24	80,000	0	0	0	40,000	0	0	0	0	0	40,000	0	0
SUB-TOTAL BRIDGES	2,630,000	0	425,000	0	1,190,000	0	0	0	0	0	1,015,000	0	0

ROADWAYS

Bel Air Transportation Study	(4,284)	(4,284)	0	0	0	0	0	0	0	0	0	0	0
Drainage Improvements	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
Guardrails	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Intersection Improvements	204,284	4,284	200,000	0	0	0	0	0	0	0	0	0	0
Moore's Mill Road	2,500,975	0	0	225,975	1,675,000	0	0	0	600,000	0	0	0	0
New Roads and Stormdrains	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	0
Stormdrain Replacement	75,000	0	75,000	0	0	0	0	0	0	0	0	0	0
Tollgate Road (West Ring Factory Road to Plumtree Road)	2,330,000	0	0	0	2,330,000	0	0	0	0	0	0	0	0
Wheel Road (Laurel Bush to Fairway)	(222,311)	0	0	(222,311)	0	0	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	6,183,664	0	575,000	3,664	4,005,000	0	0	0	600,000	0	0	1,000,000	0

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>HIGHWAYS FUND</u>													
HIGHWAYS													
RESURFACING													
Resurfacing Roadways	5,002,435	0	4,889,500	0	0	112,935	0	0	0	0	0	0	0
SUB-TOTAL RESURFACING	5,002,435	0	4,889,500	0	0	112,935	0	0	0	0	0	0	0
OTHER													
APG Gate PILOT	230,603	0	230,603	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,700,000	0	1,700,000	0	0	0	0	0	0	0	0	0	0
Refresh Program	42,500	0	42,500	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	219,300	0	50,000	0	0	0	0	0	0	0	104,650	64,650	0
SUB-TOTAL OTHER	2,442,403	0	2,273,103	0	0	0	0	0	0	0	104,650	64,650	0
TOTAL HIGHWAYS FUND CAPITAL	16,258,502	0	8,162,603	3,664	5,195,000	112,935	0	0	600,000	0	1,119,650	1,064,650	0

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>WATER & SEWER FUND</u>													
WATER PROJECTS													
Efficiency Capital Investment Projects	150,000	0	0	0	0	0	0	0	150,000	0	0	0	0
Fleet Replacement	800,000	400,000	266,621	0	0	133,379	0	0	0	0	0	0	0
Refresh Program	45,000	0	45,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Site Acquisition	(364,927)	0	0	(364,927)	0	0	0	0	0	0	0	0	0
Site Acquisition 17	364,927	0	0	364,927	0	0	0	0	0	0	0	0	0
Tank Painting FY 17	800,000	0	800,000	0	0	0	0	0	0	0	0	0	0
Water and Sewer Authority Study Establishment	(1,000,000)	(1,000,000)	0	0	0	0	0	0	0	0	0	0	0
Water System Model Study	300,000	0	0	0	0	300,000	0	0	0	0	0	0	0
Water Zone Improvements	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	1,645,000	(300,000)	1,361,621	0	0	433,379	0	0	150,000	0	0	0	0
SEWER PROJECTS													
Bill Bass Sewer Replacement	200,000	0	0	89,718	0	110,282	0	0	0	0	0	0	0
Bio Solids Facilities Enhancements	900,000	200,000	0	0	700,000	0	0	0	0	0	0	0	0
Bynum Ridge Replacement Sewer	40,000	0	40,000	0	0	0	0	0	0	0	0	0	0
Bynum Run Interceptor Phase 6&7	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0
Fallston Sanitation Sub-District Sewer Capacity Study	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0
Ring Factory ES and Fairwind Farms Abandonment	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	(200,000)	(200,000)	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER PROJECTS	2,040,000	300,000	440,000	89,718	1,100,000	110,282	0	0	0	0	0	0	0
TOTAL WATER & SEWER FUND CAPITAL	3,685,000	0	1,801,621	89,718	1,100,000	543,661	0	0	150,000	0	0	0	0
TOTAL APPROVED CAPITAL BUDGET	80,271,575	0	16,215,799	93,450	22,795,000	3,431,626	7,500,000	9,955,000	12,148,000	1,000,000	4,419,650	1,214,650	1,498,400

FISCAL YEAR 2017 APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2017 CAPITAL BUDGET OVERVIEW

The development of each year's budget is based on current and projected economic conditions, operational needs, the needs of the citizens, and legislated mandates; coupled with the strategic plans, fiscal policies, and management techniques adopted by the Administration.

We monitor revenue trends and re-evaluate our projections throughout the year. This analysis, along with recommendations from our Spending Affordability Committee, provides the Administration with the knowledge of how much total funding is available to allocate to the upcoming budget, as well as the source of the revenue, its trends, and whether the funds are "one-time" or "ongoing" in nature. The Administration is committed to spending only what we can afford. We will incur debt only when we are confident that sustainable resources will be available to retire that debt. We will appropriate "one-time" revenues for "one-time" expenses only; and we will not commit to future expenses without identifying revenues which will be available to support them.

The Approved Fiscal Year 2017 Capital Budget consists of 119 projects at a total cost of \$80,271,575. With the continued demands of a tough economy this budget supports our most pressing challenges including school modernization issues, public safety, sustaining a strong infrastructure, and the environment.

Harford County's financial operations are characterized by maintenance of sound reserves, a conservative approach to budget development, and timely revenue and spending adjustments. Fiscal policies governing multi-year planning, reserve retention and use of surplus funds for capital and other one-time spending aid in steady operating performance. In January 2016, Moody's Investor Service, Fitch Ratings and Standard and Poor's all reaffirmed Harford County's AAA bond rating.

The County imposes a Recordation Tax on home sales and refinances, and a Transfer Tax on the sale of new or existing homes. Each of these generate revenues that are in part restricted to school construction and/or school debt service. A description of Recordation and Transfer Tax history and restrictions can be found later on in this section of the capital budget book.

FISCAL YEAR 2017 APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2017 EXPENDITURES

The following is a brief description of capital projects planned for Fiscal Year 2017:

General Capital Projects

The County Capital Budget proposes 11 General projects for FY 2017, totaling \$23,211,360. Projects in the General category for FY 2017 include debt service for the Board of Education, a project to fund repairs and renovations to County buildings and structures, and necessary fleet replacement; in addition to the repair, replacement, and retrofit of aboveground and underground fuel storage tanks maintained by the County.

There are two Information and Communication Technology related projects that include a refresh program for Countywide computers and integration/modernization of enterprise software applications and architecture across the County.

Stormwater Management

The FY 2017 Stormwater Management Capital budget consists of 14 projects and totals \$10,350,000. Under the National Pollutant Discharge Elimination System (NPDES) Permit, the County must assess potential watershed projects and then restore and improve watersheds to reduce pollutants and improve water quality. Funds will provide for stormwater enhancement, maintenance and repair of dams, as well as stream and watershed restorations.

Public Safety

Harford County continues to ensure that public safety providers have the necessary tools and technology to meet the County's growing demand for emergency services. The FY 2017 Capital Budget includes funding for the purchase and installation of bi-directional amplifiers (BDA's) in County schools, therefore greatly improving radio coverage for public safety; for the replacement of Self Contained Breathing Apparatus (SCBA's) for first responders; and for the Volunteer Fire Companies to repair/renovate their existing stations to include systemic repairs, roofs, paving, etc.

FISCAL YEAR 2017 APPROVED CAPITAL BUDGET HIGHLIGHTS

Board of Education Projects

Funding for the Board of Education includes two major comprehensive HVAC projects at the Darlington Elementary School and Riverside Elementary School. Also included is funding to continue the replacement of Youth's Benefit Elementary School, roof replacement at Joppatowne High School, and two open space enclosure projects for William Paca/Old Post Elementary School and William S. James Elementary School.

Solid Waste Services Projects

The Solid Waste services capital budget has appropriated funding for the decommission and demolition of the Harford Waste to Energy facility, following the expiration of the operating contract in 2016; as well as groundwater treatment plant upgrades at the Scarboro Landfill.

Parks and Recreation Projects

Parks and Recreation continues to provide citizens with a diversified menu of recreational opportunities as well as the acquisition and protection of open space. To accomplish this for FY 2017, Harford County has appropriated funds for 26 projects totaling \$8,135,000. These projects include the development/improvements of many parks and complexes, facility renovations, dredging, parkland acquisition, natural turf improvements, and playground equipment replacements.

Highways Projects

Funding for Highways projects is derived from dedicated revenues, developer contributions, and Federal grants. The majority of revenues available to the Highways Fund are generated from the County's Property Tax differential (\$0.1483 per \$100 of assessed property value outside the three municipalities).

There are 32 projects funded for the Highways Capital budget, totaling \$16,258,502. The Highways budget is divided into four sections: Bridges, Roadways, Resurfacing, and "Other". In addition to the 1,057 miles of roadways and 223 County bridges, Harford County Highways projects must also provide for culvert rehabilitations, guardrails, sidewalks and handicapped ramps, stormdrain rehabilitation, traffic signals and road safety improvements. For FY 2017 there is also funding for technology related projects such as modernizing and integrating software applications, fleet replacement, and infrastructure projects at various Highways facilities that will increase operational efficiency.

FISCAL YEAR 2017 APPROVED CAPITAL BUDGET HIGHLIGHTS

Water and Sewer Projects

The Water and Sewer Capital Budget proposes funding for seventeen capital projects in FY 2017 totaling \$3,685,000. These projects continue to provide improvements and future growth to Harford County's existing infrastructure. Funding proposed for FY 2017 provides for bio-solids facility enhancements, replacement of essential vehicles and equipment, tank painting, a study to update the County's hydraulic and water quality model, a study on the Fallston sanitation sub-district sewer capacity, and funding for technology-related projects to integrate software applications.

As seen in the Highways and General projects, Harford County has also provided funding for fleet replacement and information technology projects within the Water and Sewer Capital budget. These projects are vital to the efficiency of Water and Sewer operations.

HARFORD COUNTY, MARYLAND
STATEMENTS OF ESTIMATED UNAPPROPRIATED FUND BALANCES
CAPITAL FUND

	<u>GENERAL</u>	<u>HIGHWAYS</u>	<u>PARKS & REC.</u>	<u>TOTAL</u>
<u>TOTAL FUND BALANCE AT JUNE 30, 2015</u>	<u>29,216,798</u>	<u>6,801,097</u>	<u>4,505,767</u>	<u>40,523,662</u>
Less: Restricted Fund Balance				
Recordation and Transfer Tax	3,850,435	0	299,346	4,149,781
Bond Proceeds	4,873,125	0	0	4,873,125
Less: Unrestricted Fund Balance				
Appropriation of Fund Balance	62,053	1,392,842	0	1,454,895
Encumbrances	20,431,185	5,408,255	4,206,421	30,045,861
	<u>29,216,798</u>	<u>6,801,097</u>	<u>4,505,767</u>	<u>40,523,662</u>
Fund Balance Available for Appropriation at June 30, 2015				
Undesignated Fund Balance	0	0	0	0
Estimated Revenues - Open Project	687,535,721	89,828,393	63,076,020	840,440,134
Estimated Expenditures - Open Project	<u>(687,273,609)</u>	<u>(89,705,491)</u>	<u>(62,589,717)</u>	<u>(839,568,817)</u>
Fund Balance Available for Appropriation at June 30, 2016				
Undesignated Fund Balance	<u>262,112</u>	<u>122,902</u>	<u>486,303</u>	<u>871,317</u>
Fund Balance Available for Appropriation at June 30, 2016				
Undesignated Fund Balance	262,112	122,902	486,303	871,317
Estimated Revenues Fiscal Year 2017				
Paygo	5,951,575	8,162,603	300,000	14,414,178
Recordation Tax	8,300,000	0	1,655,000	9,955,000
Transfer Tax	7,500,000	0	0	7,500,000
Reappropriated from Prior Projects	2,365,030	112,935	410,000	2,887,965
Prior Bonds	(1,549,932)	3,664	1,550,000	3,732
Future Bonds	16,500,000	5,195,000	0	21,695,000
Federal Grant	1,300,000	1,119,650	2,000,000	4,419,650
State Bonds	8,323,000	0	0	8,323,000
State Grants	2,875,000	600,000	1,200,000	4,675,000
Developer Contribution	0	1,064,650	150,000	1,214,650
Other	628,400	0	870,000	1,498,400
Total Estimated Revenues Fiscal Year 2017	<u>52,193,073</u>	<u>16,258,502</u>	<u>8,135,000</u>	<u>76,586,575</u>
Estimated Expenditures Fiscal Year 2017	<u>(52,193,073)</u>	<u>(16,258,502)</u>	<u>(8,135,000)</u>	<u>(75,961,575)</u>
Fund Balance Available for Appropriation at June 30, 2017				
Undesignated Fund Balance	<u>262,112</u>	<u>122,902</u>	<u>486,303</u>	<u>1,496,317</u>

DEDICATED RECORDATION TAX STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	BOARD OF EDUCATION	PARKS & RECREATION	STORMWATER MANAGEMENT DEBT SERVICE
UNDESIGNATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2015	1,000,000	0	0
Plus Fiscal Year 2016 Estimated Recordation Tax Revenues	9,266,667	2,316,666	2,316,667
Less Fiscal Year 2016 Estimated Expenditures	<u>(8,133,078)</u>	<u>(1,960,000)</u>	<u>0</u>
 ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2016	2,133,589	356,666	2,316,667
Plus Fiscal Year 2017 Estimated Revenues:			
2017 Recordation Tax receipts	8,300,000	2,075,000	2,075,000
Less Fiscal Year 2017 Estimated Expenditures	<u>(9,800,000)</u>	<u>(1,655,000)</u>	<u>(2,075,000)</u>
 ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2017	<u>633,589</u>	<u>776,666</u>	<u>2,316,667</u>

HARFORD COUNTY, MARYLAND STATEMENT OF ESTIMATED UNRESTRICTED NET ASSETS WATER & SEWER CAPITAL FUND

	<u><u>WATER & SEWER</u></u>
Unrestricted Net Assets June 30, 2015	0
Estimated Revenues - Open Projects	244,245,831
Estimated Expenditures - Open Projects	<u>(244,245,831)</u>
Estimated Unrestricted Net Assets June 30, 2016	<u><u>0</u></u>
 Estimated Revenues Fiscal Year 2017	
Paygo	1,801,621
Prior Bonds	89,718
Future Bonds	1,100,000
Reappropriated	543,661
State	<u>150,000</u>
Total Estimated Revenues Fiscal Year 2017	3,685,000
Estimated Expenditures Fiscal Year 2017	(3,685,000)
Estimated Unrestricted Net Assets June 30, 2017	<u><u>0</u></u>

DEDICATED TRANSFER TAX STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	AGRICULTURAL PRESERVATION	BOARD OF EDUCATION
TOTAL FUND BALANCE AT JUNE 30, 2015	55,949,845	0
Plus Fiscal Year 2016 Estimated Revenues:		
Transfer Tax		
2016 Transfer Tax receipts	7,600,000	7,600,000
Other Revenues	4,894,000	0
Less Fiscal Year 2016 Estimated Expenditures	(13,200,845)	(6,400,000)
Less: Committed Fund Balance Designated for Other Purposes	<u>(49,157,113)</u>	<u>0</u>
 UNDESIGNATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2016	 6,085,887	 1,200,000
Plus Fiscal Year 2017 Estimated Revenues:		
Transfer Tax		
2017 Transfer Tax receipts	7,500,000	7,500,000
Other Revenue	4,810,000	0
Less Fiscal Year 2017 Estimated Expenditures	<u>(13,672,000)</u>	<u>(8,000,000)</u>
 ESTIMATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2017	 <u>4,723,887</u>	 <u>700,000</u>

DEDICATED IMPACT FEE STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	BOARD OF EDUCATION
UNDESIGNATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2015	0
Plus Fiscal Year 2016 Estimated Impact Fee Revenues	2,500,000
Less Fiscal Year 2016 Estimated Expenditures	<u>(2,500,000)</u>
ESTIMATE IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2016	0
Plus Fiscal Year 2017 Estimated Revenues:	
Fiscal Year 2017 Impact Fee Revenues	2,500,000
Less Fiscal Year 2017 Estimated Expenditures	<u>(2,500,000)</u>
ESTIMATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2017	<u><u>0</u></u>

DEDICATED CAPITAL FUNDING

Harford County has three revenue streams that are dedicated to funding school capacity and modernization projects and/or the debt service incurred for them, park and recreation facilities, and the preservation of agricultural farm land. The following pages provide an explanation of their origin, the taxes, and the details of which ones have been appropriated for FY 16.

RECORDATION TAX

The Annotated Code of Maryland, 1957, as amended, Article 81 Section 277 provides counties with the authority to establish a recordation tax "upon every instrument of writing conveying title to real or personal property, offered for record and recorded in this State with the clerks of the circuit courts of the respective counties, . . . The term 'instruments of writing' shall include deeds, mortgages, chattel mortgages, bills of sale, leases, deeds of trust, contracts and agreements, . . ."

The Harford County Council established a Recordation Tax, via Resolution No. 10-79, effective July 1, 1979, on instruments recorded among the Land Records of Harford County which convey title to real property and on instruments securing a debt.

The Annotated Code of Maryland Section 12-113 requires the proceeds from Harford County's Recordation Tax be:

- I deposited in a special capital improvement fund for:
 - o payment of the principal and interest on school construction debt
 - o major improvements and capital improvements to existing school facilities
 - o new school construction
 - o portable classrooms
- II deposited in a fund for land and recreation open spaces:
 - o to purchase park lands and develop park and recreation facilities as separate units or as a part of a public school facility
 - o to pay loans made for those purchases
 - o to match any funds provided for those purchases
- III dedicated (per Resolution No. 005-15) at a rate of \$.55 to fund the implementation of local watershed protection and restoration projects throughout Harford County.

The Recordation tax rate is \$3.30 per \$500 of the transaction value and is divided as follows:

Public School Debt Service and/or Construction	\$2.20	67.0%
Program Open Space or Parks and Recreation Capital Projects	0.55	16.5%
Stormwater Management	0.55	16.5%
	\$3.30	100.0%

DEDICATED CAPITAL FUNDING

For FY 17 Recordation Tax revenues are appropriated as follows:

<u>Harford County's FY 17 Operating Budget</u>	\$11,875,000

From FY 17 Estimated Recordation Tax Receipts:	\$10,375,000

Board of Education Debt Service		\$8,300,000	

Principal Payments	\$7,950,314		
Interest Payments	349,686		
	\$8,300,000		

Stormwater Management Debt Service		\$2,075,000	

From Prior Year Recordation Tax Receipts	\$1,500,000

Board of Education Debt Service		\$1,500,000	

Principal Payments	\$851,549		
Interest Payments	648,451		
	\$1,500,000		

<u>Harford County's FY 17 Capital Budget</u>	\$1,655,000

Parks & Recreation Projects		\$1,655,000	

ADA Improvements	150,000	Parking Lot Paving	150,000
Anita C. Leight Center Improvements	135,000	Parkland Acquisition	50,000
Bleacher Renovation	30,000	Playground Equipment	100,000
Canoe and Kayak Water Access	50,000	Rockfield Park Improvement	35,000
Churchville Center Renovations	75,000	SWM Pond Repair and Ren.	100,000
Emily Bayliss Graham Park	200,000	Tennis/Multipurpose Courts	50,000
Facility Renovations	125,000		
Flying Point Park Improvements	15,000		
Gunpowder River Dredging	80,000		
Indoor Recreation Facility Forest Hill/Hickory	250,000		
Park Improvements	60,000		

Total Recordation Tax revenues appropriated for Fiscal Year 2017	\$13,530,000

DEDICATED CAPITAL FUNDING

TRANSFER TAX

Harford County's Transfer Tax was instituted in response to a recommendation from the 1991 Blue Ribbon Committee on School Construction. As a result the County Executive requested the local delegation to the Maryland General Assembly introduce legislation in the 1992 General Session to allow the County the ability to establish by local law a Transfer Tax.

The Maryland General Assembly enacted House Bill No. 1481, effective July 1, 1992, authorizing the Harford County Council to impose a Transfer Tax. Subsequently, the County Council enacted Bill No. 93-3 to add new Article IV, Transfer Tax to Chapter 123, Finance and Taxation, of the Harford County Code which imposes a 1% Transfer Tax on any instruments of writing that convey title to, or a leasehold interest in, real property, effective July 1, 1993.

The Transfer Tax rate is 1% of the consideration payable and the proceeds are to be distributed as follows:

Agricultural Land Preservation Program	50.0%
Public School Construction Program	50.0%
	100.0%

For FY 17 Transfer Tax revenues are appropriated as follows:

Harford County's FY 17 Operating Budget

From FY 17 Estimated Transfer Tax Receipts:	\$15,000,000

Agricultural Preservation Fund	\$7,500,000

Board of Education Debt Service	\$7,500,000

Principal Payments	\$6,756,988	
Interest Payments	743,012	
	\$7,500,000	

From Prior Year Transfer Tax Receipts	\$500,000

Board of Education Debt Service	

Principal Payments	\$0	
Interest Payments	500,000	
	\$500,000	

DEDICATED CAPITAL FUNDING

PUBLIC SCHOOL DEVELOPMENT IMPACT FEE

The Maryland General Assembly adopted House Bill 965 (Article 24, Subtitle 10A, Harford County School Construction Financing, Section 9-10A-01) in 2004. The bill states, "the County Council of Harford County, by ordinance, may fix, impose, and provide for the collection of a development impact fee not to exceed \$10,000 for new construction or development." The revenue from the development impact fee may only be used for:

- (1) School site acquisition;
- (2) School construction;
- (3) School renovation;
- (4) School debt reduction; or
- (5) School capital expenses."

On June 10, 2005, The County Council of Harford County, Maryland enacted, as amended, Bill No. 05-21, that added Article VI, Public School Development Impact Fee, to Chapter 123, Finance and Taxation, of the Harford County Code. This legislation assures that new development contributes its fair share towards the costs of public schools reasonably necessitated by such new development, and to ensure that new development is reasonably benefited by the construction of new public schools built in whole or in part with the proceeds of development impact fees. On December 1, 2009, the County Council enacted Bill No. 09-37 which lowered the impact fee charge as shown in the following table. The purpose of the roll-back in the fee structure was to provide an economic stimulus to the local housing market during the current economic recession.

Type of Residential Development	Fiscal Year		
	2010	2011	2012
Single Family Detached	\$8,269 / \$6,000	\$6,000	\$6,000
Townhouse / Duplex	5,720 / 4,200	4,200	4,200
All Other Residential (including Mobile Homes)	1,637 / 1,200	1,200	1,200

Bill No. 05-21 provided for exemptions from the development impact fee for residential housing for the elderly and continuing care retirement communities.

Development Impact Fee revenues for the last five completed fiscal years and the projected amount for Fiscal Year 2016 are presented in the following table:

<u>Fiscal Year</u>	<u>Public Schools</u>
2010	3,499,446
2011	2,137,200
2012	3,123,373
2013	2,027,400
2014	2,612,400
2015	2,560,800
2016	2,500,000

**HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION
DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS
FY 17 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS**

FY 17 RECORDATION TAX AVAILABLE	8,300,000
PRIOR YEAR RECORDATION TAX	1,500,000
FY 17 TRANSFER TAX AVAILABLE	7,500,000
PRIOR YEAR TRANSFER TAX	500,000
IMPACT FEES APPROPRIATED	2,500,000
GENERAL FUNDS APPROPRIATED	10,736,964
TOTAL FUNDS AVAILABLE FOR SCHOOL DEBT SERVICE	<u>31,036,964</u>

FUNDS APPROPRIATED FOR SCHOOL DEBT SERVICE:

	PRINCIPAL					
	FY 17 RECORDATION	PRIOR YEAR RECORDATION	FY 17 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 17 GENERAL FUNDS
School Bonds of 2007	4,493,804					
Refunding Bonds of 2009	464,305					
School Bonds of 2009	2,992,205	696,462				
Refunding Bonds of 2010		155,087	1,005,688			
School Bonds of 2010 Series A			5,751,300			
School Bonds of 2010 Series B						
Refunding Bonds of 2012						494,310
School Bonds of 2012						720,460
School Bonds of 2013						507,992
Refunding Bonds of 2013						1,217,304
School Bonds of 2014						193,058
School Bonds of 2015						590,894
Refunding Bonds of 2015						0
School Bonds of 2016						517,306
TOTAL	3,456,510	851,549	6,756,988	0	0	4,241,324
						19,800,175

	INTEREST					
	FY 17 RECORDATION	PRIOR YEAR RECORDATION	FY 17 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 17 GENERAL FUNDS
School Bonds of 2007	296,348					
Refunding Bonds of 2009	53,338					
School Bonds of 2009		648,451				
Refunding Bonds of 2010			276,796			
School Bonds of 2010 Series A			466,216	500,000	342,962	
School Bonds of 2010 Series B					2,157,038	1,046,739
Refunding Bonds of 2012						96,786
School Bonds of 2012						376,181
School Bonds of 2013						330,261
Refunding Bonds of 2013						1,606,995
School Bonds of 2014						136,979
School Bonds of 2015						428,398
Refunding Bonds of 2015						1,955,995
School Bonds of 2016						517,306
TOTAL	349,686	648,451	743,012	500,000	2,500,000	6,495,640
						11,236,789

HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION DEBT SERVICE AS A PERCENTAGE OF TOTAL COUNTY DEBT PAYMENTS

	Total General Fund Debt Service	BOE % of Total County	Board of Education	Board of Education Debt Payment Funding Sources					
				Recordation Tax	Prior Year Recordation Tax	Transfer Tax	Prior Year Transfer Tax	Impact Fee	General Funds
Principal									
661110 Principal	33,078,870	59.86%	19,800,175	7,950,314	851,549	6,756,988	0	0	4,241,324
	33,078,870	59.86%	19,800,175	7,950,314	851,549	6,756,988	0	0	4,241,324
Interest									
662110 Interest	18,160,510	61.87%	11,236,789	349,686	648,451	743,012	500,000	2,500,000	6,495,640
	18,160,510	61.87%	11,236,789	349,686	648,451	743,012	500,000	2,500,000	6,495,640
Cost of Issuance									
664110 Service Costs	640,000	0.00%	0	0	0	0	0	0	0
Total General Fund Debt Service	51,879,380	59.83%	31,036,964	8,300,000	1,500,000	7,500,000	500,000	2,500,000	10,736,964

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

GENERAL FUND

GENERAL CAPITAL

FY 17 Funded Projects:

Aberdeen Library Roof and Windows	388,000	0	388,000	0	0	0	0	0
Bel Air Parking Garage	730,000	645,000	85,000	0	0	0	0	0
Board of Education Debt Service 17	17,800,000	0	17,800,000	0	0	0	0	0
Facilities Repair Program	22,312,301	16,344,905	3,467,396	500,000	500,000	500,000	500,000	500,000
Fleet Maintenance Facility	1,150,000	150,000	1,000,000	0	0	0	0	0
Fleet Replacement	16,540,000	5,540,000	1,500,000	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000
Harford County Southern Resource Annex	10,821,326	14,410,362	(3,589,036)	0	0	0	0	0
Infrastructure Efficiency Capital Investment Projects	1,130,000	905,000	100,000	25,000	25,000	25,000	25,000	25,000
Refresh Program	3,385,000	2,485,000	150,000	150,000	150,000	150,000	150,000	150,000
Safeguarding Business Operations	24,075,400	12,075,400	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Underground & Aboveground Storage Tank Management	505,000	195,000	310,000	0	0	0	0	0

Open Projects:

Automated External Defibrillators (AEDs)	20,000	20,000	0	0	0	0	0	0
Board of Education Debt Service 16	16,600,000	16,600,000	0	0	0	0	0	0
Citizens Care Center	2,000,000	2,000,000	0	0	0	0	0	0
Courthouse Building Repairs	5,034,900	5,034,900	0	0	0	0	0	0
Countywide Facilities Master Plan Study	1,950,000	1,950,000	0	0	0	0	0	0
45 South Main Street - Add Emergency Power	600,000	600,000	0	0	0	0	0	0
GIS Update	250,000	250,000	0	0	0	0	0	0
Harford County Agricultural Research & Exposition Ctr	300,000	300,000	0	0	0	0	0	0
HMAN (Harford County Metro Area Network)	16,200,000	16,200,000	0	0	0	0	0	0
Havre de Grace Opera House Renovations	750,000	750,000	0	0	0	0	0	0
Hosanna School	240,000	240,000	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0
MD 924 Small Area Corridor Plan	300,000	300,000	0	0	0	0	0	0
Reforestation and Buffer Mitigation - Critical Area	100,000	100,000	0	0	0	0	0	0
Reforestation and Landscaping	680,000	680,000	0	0	0	0	0	0
Repairs to 45 South Main Street Building	100,000	100,000	0	0	0	0	0	0
Site Acquisition	23,757,761	23,757,761	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

GENERAL CAPITAL

Treasury Computer Enhancements	175,000	175,000	0	0	0	0	0	0
Voting Equipment	200,000	200,000	0	0	0	0	0	0
General Capital Total by Project	175,144,688	129,058,328	23,211,360	4,175,000	4,675,000	4,675,000	4,675,000	4,675,000
Paygo	51,769,129	28,559,502	2,834,627	3,675,000	4,175,000	4,175,000	4,175,000	4,175,000
Prior Paygo	364,235	0	364,235	0	0	0	0	0
Reappropriated	8,795,541	6,430,511	2,365,030	0	0	0	0	0
Future Bonds	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000
Prior Bonds	73,482,589	72,032,521	1,450,068	0	0	0	0	0
Transfer Tax	13,900,000	6,400,000	7,500,000	0	0	0	0	0
Recordation Tax	15,400,000	7,100,000	8,300,000	0	0	0	0	0
State	1,721,579	1,452,579	269,000	0	0	0	0	0
Federal	2,115,692	2,115,692	0	0	0	0	0	0
Developer	772,421	772,421	0	0	0	0	0	0
Other	2,763,502	2,635,102	128,400	0	0	0	0	0
Lease Purchase	1,560,000	1,560,000	0	0	0	0	0	0
General Capital Total by Fund	175,144,688	129,058,328	23,211,360	4,175,000	4,675,000	4,675,000	4,675,000	4,675,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

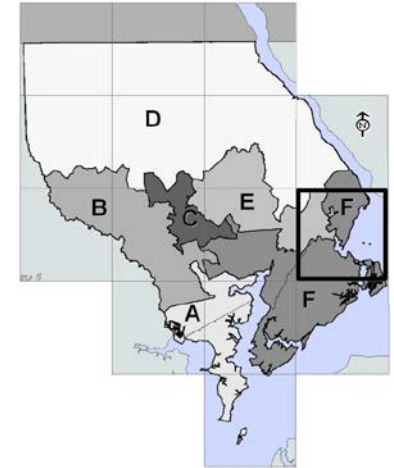
GENERAL FUND

GENERAL CAPITAL

Aberdeen Library Roof and Windows	388,000	0	194,000	0	0	0	0	0	194,000	0	0	0	0
Bel Air Parking Garage	85,000	0	51,556	0	0	5,044	0	0	0	0	0	0	28,400
Board of Education Debt Service 17	17,800,000	0	0	0	0	2,000,000	7,500,000	8,300,000	0	0	0	0	0
Facilities Repair Program	3,467,396	0	0	3,367,396	0	0	0	0	0	0	0	0	100,000
Fleet Maintenance Facility	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0
Harford County Southern Resource Center	(3,589,036)	(671,708)	0	(2,917,328)	0	0	0	0	0	0	0	0	0
Infrastructure Efficiency Capital Investment Projects	100,000	0	25,000	0	0	0	0	0	75,000	0	0	0	0
Refresh Program	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	2,000,000	1,035,943	604,071	0	0	359,986	0	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	310,000	0	310,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL GENERAL	23,211,360	364,235	2,834,627	1,450,068	0	2,365,030	7,500,000	8,300,000	269,000	0	0	0	128,400

PROJECT: Aberdeen Library Roof and Windows**GENERAL****COUNCIL DISTRICT: E****LOCATION: Aberdeen****New****PROJECT DESCRIPTION / JUSTIFICATION:**

The Aberdeen Library has excessive humidity and moisture problems throughout the building and the existing roof regularly leaks. Both of these issues are damaging the interior of the building as well as the library collection. This project will replace 37 obsolete single paned windows that have deteriorating and failing gasket seals with double paned, low emissivity rated windows. These new energy efficient windows will increase the insulation capabilities, prevent air infiltration and reduce humidity and moisture issues. The estimated cost for replacing the windows is \$90,000 of which Harford County would pay half the cost. The existing roof is approximately 25,000 square feet. The roof consists of a low slope mineral surfaced modified roof and shingles. The low slope mineral surface is deteriorating, causing oxidation and loss of elasticity, leading to splits and cracks. Shingles are also starting to crack and deteriorate. The cost to replace the low slope built roof area with a new roof is \$249,000 and the cost for removing and replacing the shingled area is \$49,000. The total cost to replace is \$298,000 of which Harford County would pay half the cost.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		388,000	388,000						388,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	388,000	388,000	0	0	0	0	0	388,000

FUNDING SCHEDULE

R8750 Paygo		194,000	194,000						194,000
R7920 State Bonds		194,000	194,000						194,000
			0						0
			0						0
			0						0
Total Funds	0	388,000	388,000	0	0	0	0	0	388,000

OPERATING BUDGET IMPACT:

Financial Activity as of

Estimated Annual Debt Service Cost:

Annual Operating/Maintenance Cost:

New Positions (FTE's):

Expended

Encumbered

Total

\$0

PROJECT: Bel Air Parking Garage

GENERAL

COUNCIL DISTRICT: C

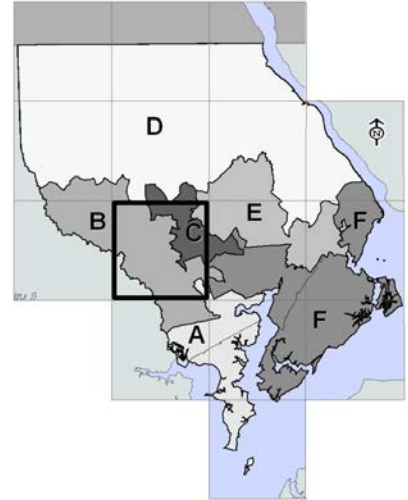
LOCATION: Bel Air

A134101

PROJECT DESCRIPTION / JUSTIFICATION:

This project will fund significant repairs to the Bel Air Parking garage following a structural survey completed by the Town of Bel Air.

PROJECT SCHEDULE:



PROJECT STATUS:

Reappropriated funding in the amount of \$5,044 is from the Solid Waste recovery account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	645,000	85,000	730,000						730,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	645,000	85,000	730,000	0	0	0	0	0	730,000

FUNDING SCHEDULE

R8750 Paygo	645,000	51,556	696,556						696,556
R6999 Other Town of Bel Air		28,400	28,400						28,400
R8089 Reappropriated Paygo		5,044	5,044						5,044
			0						0
			0						0
			0						0
Total Funds	645,000	85,000	730,000	0	0	0	0	0	730,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	565,438
Encumbered	0
Total	<u>\$565,438</u>

PROJECT: Board of Education Debt Service 17**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project allows for the collection of Recordation Tax and Transfer Tax in the Capital Projects Fund in accordance with State law. Recordation and Transfer Taxes may be used for the payment of Debt Service on education capital projects or as pay-as-you-go funding for education projects. In the past, the County has recorded the collection of Recordation and Transfer Taxes in an escrow account and then transferred the money to the General Fund to pay debt service. This project will provide a more informative means to audit presentation.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project will be ongoing to pay debt service.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		17,800,000	17,800,000						17,800,000
Total Cost	0	17,800,000	17,800,000	0	0	0	0	0	17,800,000

FUNDING SCHEDULE

R1515 Recordation Tax		8,300,000	8,300,000						8,300,000
R1525 Transfer Tax		7,500,000	7,500,000						7,500,000
R8027 Reappropriated Rec. Tax		500,000	500,000						500,000
R8026 Reappropriated Transfer Tax		1,500,000	1,500,000						1,500,000
			0						0
			0						0
Total Funds	0	17,800,000	17,800,000	0	0	0	0	0	17,800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: Facilities Repair Program**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A034102****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for the replacement, renovation and repairs of county building systems (site, roofing, structural, exterior, interior, mechanical, plumbing, electrical, fire/life safety, and conveyances). \$200,000 included in this project for Courthouse Repair and \$1,000,000 for HCSO Headquarters.

**PROJECT SCHEDULE:**

FY17 - Replacement of chiller, roof, repointing brick at 18 Office St. Boiler replacement at 220 South Main St. HVAC replacement at several locations.

PROJECT STATUS:

This project is ongoing.

Reappropriate Prior Bonds from Harford County Southern Resource Annex for \$2,917,328, \$68 in Prior Bond Recovery and \$450,000 from the New Emergency Operations Center project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,451,933	160,000	1,611,933	40,000	40,000	40,000	40,000	40,000	1,811,933
Land Acquisition			0						0
Construction	14,568,520	3,207,396	17,775,916	435,000	435,000	435,000	435,000	435,000	19,950,916
Inspection Fees	324,452	100,000	424,452	25,000	25,000	25,000	25,000	25,000	549,452
Equipment/Furnishing			0						0
Total Cost	16,344,905	3,467,396	19,812,301	500,000	500,000	500,000	500,000	500,000	22,312,301

FUNDING SCHEDULE

R8750 Paygo	7,427,560		7,427,560						7,427,560
R7000 Future Bonds				500,000	500,000	500,000	500,000	500,000	2,500,000
R3150 Federal - ARRA Funds	875,792		875,792						875,792
R3199 Federal Other	340,000		340,000						340,000
R3399 State Other	120,000		120,000						120,000
R6999 Other	19,500	100,000	119,500						119,500
R7100 Prior Bonds	7,500,000	3,367,328	10,867,328						10,867,328
R7182 Prior Bonds 2012 Issue		68							0
R8089 Reappropriated Paygo	62,053		62,053						62,053
Total Funds	16,344,905	3,467,396	19,812,233	500,000	500,000	500,000	500,000	500,000	22,312,233

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$737,311
Annual Operating/Maintenance Cost: N/A

Financial Activity as of 1/5/16:

Expended 9,595,095
Encumbered 956,873

PROJECT: Fleet Maintenance Facility**GENERAL****COUNCIL DISTRICT: C****LOCATION: Hickory****A164102****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for engineering and design of a new Fleet Maintenance/Radio Shop facility. This facility was listed as a high priority in the Countywide Facilities Master Plan Study. This project includes plans to collaborate with the Board of Education. For FY 16 Prior Bonds have been reappropriated from the New Emergency Operations Center Capital Project in the amount of \$150,000.

PROJECT SCHEDULE:**PROJECT STATUS:**

Prior Bond funding in the amount of \$1,000,000 reallocated from the New Emergency Operations Center capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	150,000	1,000,000	1,150,000						1,150,000
Total Cost	150,000	1,000,000	1,150,000	0	0	0	0	0	1,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	150,000	1,000,000	1,150,000						1,150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	1,000,000	1,150,000	0	0	0	0	0	1,150,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$14,992

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	656
Encumbered	0
Total	\$656

PROJECT: Fleet Replacement**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A124102****PROJECT DESCRIPTION / JUSTIFICATION:**

Provide funds for the replacement of essential vehicles and equipment to enable using agencies to perform their critical jobs in public safety, the Sheriff's Office and DES. We are behind in consistent rotation which has caused maintenance costs to rise, fuel inefficiency, and fleet availability to plummet. Units to be replaced are on average 10 years old with high mileage and have become unreliable.

PROJECT SCHEDULE:

This project includes the replacement of 53 vehicles and equipment with 30 of them being Sheriff vehicles. This project will be managed/controlled by the Department of Procurement, Fleet Management Division.

**PROJECT STATUS:**

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,540,000	1,500,000	7,040,000	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	16,540,000
Total Cost	5,540,000	1,500,000	7,040,000	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	16,540,000

FUNDING SCHEDULE

R8750 Paygo	5,540,000	1,500,000	7,040,000	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	16,540,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	5,540,000	1,500,000	7,040,000	1,500,000	2,000,000	2,000,000	2,000,000	2,000,000	16,540,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

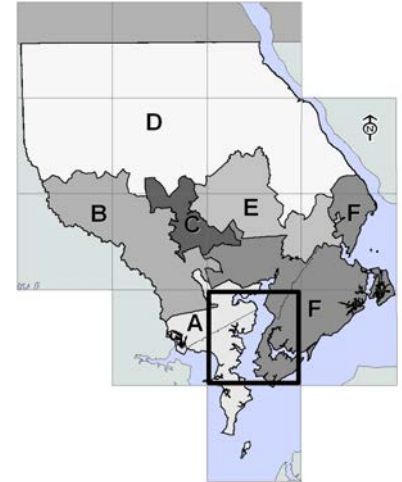
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	4,149,610
Encumbered	823,144
Total	\$4,972,754

PROJECT: Harford County Southern Resource Annex**GENERAL****COUNCIL DISTRICT: A****LOCATION: Edgewood****A084103****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding to plan, design, and construct several governmental type structures on a parcel of County property along Route 40 in the Edgewood community. One of the buildings will be the Southern Precinct building for the Sheriff's Office. FY 12 funds provided for the start of Phase II of this project which includes a building to house functions of the Health Department, and additional uses such as the Housing Agency. This will reduce rental costs in three different buildings. FY 14 bond funding was reappropriated from the Churchville Library at \$5,112,500. For FY 16 Prior Bonds were reallocated to Facilities Repair Program, HMAN and Site acquisition.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2016.

Bond funding in the amount of \$2,917,328 has been transferred to the Facilities Repair Capital Project; remaining Prior Paygo of \$671,708 was reallocated to Safeguarding Business Operations.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	2,412,491		2,412,491						2,412,491
Land Acquisition	250,000		250,000						250,000
Construction	11,747,871	(3,589,036)	8,158,835						8,158,835
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	14,410,362	(3,589,036)	10,821,326	0	0	0	0	0	10,821,326

FUNDING SCHEDULE

R7100 Prior Bonds	11,874,760	(2,917,328)	8,957,432						8,957,432
R8750 Paygo	1,500,000		1,500,000						1,500,000
R7340 Corporate/Business	1,035,602		1,035,602						1,035,602
R8750 Prior Paygo		(671,708)	(671,708)						(671,708)
			0						0
			0						0
Total Funds	14,410,362	(3,589,036)	10,821,326	0	0	0	0	0	10,821,326

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,206,892

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	10,808,474
Encumbered	325,595
Total	\$11,134,069

PROJECT: Infrastructure Efficiency Capital Investment Projects**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A134104****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will identify and implement projects that will increase efficiency in county operations and the community through reducing costs and improving the County's environmental footprint to make facilities and the community safe, secure and functional.

**PROJECT SCHEDULE:**

ALL YEARS - Implement Level I and II energy audits strategies

FY 17 - 22 Implement energy efficient projects throughout the County

PROJECT STATUS:

Ongoing

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	211,500	15,000	226,500	10,000	10,000	10,000	10,000	10,000	276,500
Land Acquisition			0						0
Construction	215,000	85,000	300,000	15,000	15,000	15,000	15,000	15,000	375,000
Inspection Fees	23,500		23,500						23,500
Equipment/Furnishing	455,000		455,000						455,000
Total Cost	905,000	100,000	1,005,000	25,000	25,000	25,000	25,000	25,000	1,130,000

FUNDING SCHEDULE

R8750 Paygo	119,858	25,000	144,858	25,000	25,000	25,000	25,000	25,000	269,858
R8089 Reappropriated Paygo	55,142		55,142						55,142
R6999 Other	30,000		30,000						30,000
R3399 State Other	700,000	75,000	775,000						775,000
			0						0
			0						0
Total Funds	905,000	100,000	1,005,000	25,000	25,000	25,000	25,000	25,000	1,130,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	286,486
Encumbered	60,207
Total	\$346,693

PROJECT: Refresh Program**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A124103****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to refresh the computers, network, infrastructure, server, storage and peripherals throughout the County. This project will be an ongoing maintenance effort to keep the County's equipment current and to replace equipment as it becomes obsolete or out of support. This project will be managed by the Office of Information and Communication Technology.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,485,000	150,000	2,635,000	150,000	150,000	150,000	150,000	150,000	3,385,000
Total Cost	2,485,000	150,000	2,635,000	150,000	150,000	150,000	150,000	150,000	3,385,000

FUNDING SCHEDULE

R8750 Paygo	1,285,000	150,000	1,435,000	150,000	150,000	150,000	150,000	150,000	2,185,000
R8089 Reappropriated Paygo	1,200,000		1,200,000						1,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,485,000	150,000	2,635,000	150,000	150,000	150,000	150,000	150,000	3,385,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,188,704
Encumbered	26,558
Total	\$2,215,262

PROJECT: Safeguarding Business Operations**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A114104****PROJECT DESCRIPTION / JUSTIFICATION:**

To integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning. Applications and Database modernization, consolidation and enhancement including Workflow, COBIT/ITIL standards initiatives, Mainframe Sunset provisions, DILP Automation, Disaster Recovery, EOC Integration and DPW/Transportation Vehicle Tracking Systems among others.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Reappropriated Paygo: \$102,985 from P&R Recovery; \$257,001 from General Recovery

Prior Paygo: \$671,708 from Harford County Southern Resource Annex; \$140,779 from Library Facility Maintenance; \$223,456 from Library Facility Renovation

New Paygo funding in the amount of \$604,071

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	12,075,400	2,000,000	14,075,400	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	24,075,400
Total Cost	12,075,400	2,000,000	14,075,400	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	24,075,400

FUNDING SCHEDULE

R8750 Paygo	8,502,084	604,071	9,106,155	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	19,106,155
R8089 Reappropriated Paygo	2,013,316	359,986	2,373,302						2,373,302
R7160 Lease Purchase	1,560,000		1,560,000						1,560,000
R8750 Prior Paygo		1,035,943	1,035,943						1,035,943
			0						0
			0						0
Total Funds	12,075,400	2,000,000	14,075,400	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	24,075,400

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	6,442,504
Encumbered	422,583
Total	\$6,865,087

PROJECT: Underground and Aboveground Storage Tank Management**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A144104****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this capital project is for the inspection, design and construction to replace, repair and retrofit the various 130 aboveground and the 16 underground storage tanks maintained by Harford County for improved safety and reliability. Diesel Exhaust Fuel will be installed at Hickory II Fuel Site due to all new Dump Trucks and Equipment having DEF tanks installed on them for Emissions Purposes Increase of tank sizes and upgrade to the following fuel locations, Fallston and Jarrettsville which will enable us to order discounted fuel truck loads at a lower price per gallon. Veedor Root Upkeep which allow us to monitor tank capacity through the Gasboy system Additional Funds for tank closure at 29 West Courtland Street

PROJECT SCHEDULE:

Diesel Exhaust Fuel Mini Bulk Storage and Dispensing System to be installed at Hickory II Fuel Site Location
Increase Tank Size at Jarrettsville Fuel Site from 1,000 Gallon UST Tank to 3,000 Gallon
Upgrade of tanks at Fallston Fuel Site and removal of old tanks that are currently underground
Upkeep on Vendor Root Fuel Tank Monitoring Systems located at all Fuel Sites in the County

**PROJECT STATUS:**

This project is open and ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	15,000		15,000						15,000
Land Acquisition			0						0
Construction	136,500	252,000	388,500						388,500
Inspection Fees	4,500	51,000	55,500						55,500
Equipment/Furnishing	39,000	7,000	46,000						46,000
Total Cost	195,000	310,000	505,000	0	0	0	0	0	505,000

FUNDING SCHEDULE

R8750 Paygo	195,000	310,000	505,000						505,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	195,000	310,000	505,000	0	0	0	0	0	505,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/16:

Expended	74,992
Encumbered	0
Total	\$74,992

OPEN/ACTIVE PROJECTS

PROJECT: Automated External Defibrillators (AEDs)

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A154101

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to provide for Automated External Defibrillators (AEDs) in all County facilities and buildings.

PROJECT SCHEDULE:

PROJECT STATUS:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	20,000		20,000						20,000
Total Cost	20,000	0	20,000	0	0	0	0	0	20,000

FUNDING SCHEDULE

R8750 Paygo	20,000		20,000						20,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	20,000	0	20,000	0	0	0	0	0	20,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Board of Education Debt Service 16**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A164101****PROJECT DESCRIPTION / JUSTIFICATION:**

This project allows for the collection of Recordation Tax and Transfer Tax in the Capital Projects Fund in accordance with State law. Recordation and Transfer Taxes may be used for the payment of Debt Service on education capital projects or as pay-as-you-go funding for education projects. In the past, the County has recorded the collection of Recordation and Transfer Taxes in an escrow account and then transferred the money to the General Fund to pay debt service. This project will provide a more informative means to audit presentation.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project will be ongoing to pay debt service.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	16,600,000		16,600,000						16,600,000
Total Cost	16,600,000	0	16,600,000	0	0	0	0	0	16,600,000

FUNDING SCHEDULE

R1515 Recordation Tax	7,100,000		7,100,000						7,100,000
R1525 Transfer Tax	6,400,000		6,400,000						6,400,000
R8027 Reappropriated Rec. Tax	1,000,000		1,000,000						1,000,000
R8026 Reappropriated Transfer Tax	2,100,000		2,100,000						2,100,000
			0						0
			0						0
Total Funds	16,600,000	0	16,600,000	0	0	0	0	0	16,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	16,600,000
Encumbered	0
Total	\$16,600,000

PROJECT: Citizens Care Center

GENERAL

COUNCIL DISTRICT: F

LOCATION: Havre de Grace

A114101

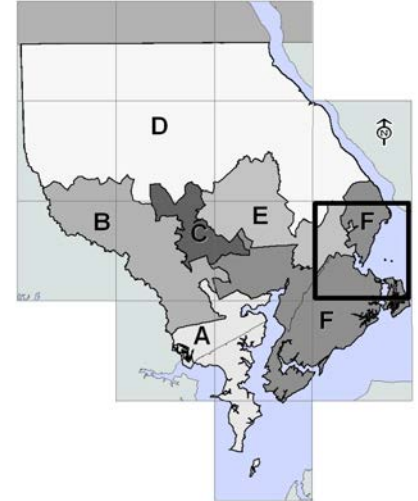
PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funds for the repair, renovation, and reconstruction of the existing facility that has been designed. In addition, about \$200,000 will be used for furniture, equipment, and fixtures.

PROJECT SCHEDULE:

PROJECT STATUS:

Design is complete.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,800,000		1,800,000						1,800,000
Inspection Fees			0						0
Equipment/Furnishing	200,000		200,000						200,000
Total Cost	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,750,000		1,750,000						1,750,000
R6340 Corporate/Business	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$144,675

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,618,295
Encumbered	324,987
Total	<u>\$1,943,282</u>

PROJECT: Courthouse Building Repairs**GENERAL****COUNCIL DISTRICT: C****LOCATION: Bel Air****A094102****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds for repairs and renovations to the Courthouse building. A study was performed by ENTECH and the following projects were identified; Replacement of the HVAC system, window restoration of the historic courthouse, masonry restoration of the historic courthouse, roof repairs to the historic courthouse and replacement of the two main elevators.

**PROJECT SCHEDULE:**

FY 16/17: Masonry Restoration, Window Restoration, and Roof Replacement

FY 16/20: Fire Alarm Upgrade, Emergency Generator System

PROJECT STATUS:

HVAC project completed in spring of FY16. Elevator replacement completed in spring of FY16.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	679,000		679,000						679,000
Land Acquisition			0						0
Construction	4,150,000		4,150,000						4,150,000
Inspection Fees	205,000		205,000						205,000
Equipment/Furnishing			0						0
Total Cost	5,034,000	0	5,034,000	0	0	0	0	0	5,034,000

FUNDING SCHEDULE

R3150 Federal - ARRA Funds	134,900		134,900						134,900
R8750 Paygo	100,000		100,000						100,000
R7000 Future Bonds	0		0						0
R7100 Prior Bonds	4,800,000		4,800,000						4,800,000
			0						0
			0						0
Total Funds	5,034,900	0	5,034,900	0	0	0	0	0	5,034,900

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$457,677

Annual Operating/Maintenance Cost: < \$4,000

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,378,982
Encumbered	792,020
Total	\$3,171,002

PROJECT: Countywide Facilities Master Plan Study**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A134103****PROJECT DESCRIPTION / JUSTIFICATION:**

This study will involve the use of an outside consulting firm to evaluate the current condition and future needs of the facilities of Harford County Government, Harford County Public School System, Harford County Public Libraries, State's Attorney's Office, Judicial System, Sheriff's Office, Fire and EMS System, Health Department and the Harford Community College. This firm will produce a report which provides recommendations and a list of priorities that should be addressed as funding becomes available.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	1,950,000		1,950,000						1,950,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,950,000	0	1,950,000	0	0	0	0	0	1,950,000

FUNDING SCHEDULE

R8750 Paygo	1,950,000		1,950,000						1,950,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,950,000	0	1,950,000	0	0	0	0	0	1,950,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,915,575
Encumbered	0
Total	<u>\$1,915,575</u>

PROJECT: 45 South Main Street - Add Emergency Power Systems**GENERAL****COUNCIL DISTRICT: C****LOCATION: Bel Air****A144102****PROJECT DESCRIPTION / JUSTIFICATION:**

Necessary electrical up-grades to provide new generator, transfer switch, main distribution panel and electrical work to provide uninterrupted power for I.C.T. system and Sheriff's IT equipment.

**PROJECT SCHEDULE:**

FY 14/15 - Engineering and Design

FY 16 - Start Construction

PROJECT STATUS:

Design is at 80%, construction anticipated to start spring of 2016.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	500,000		500,000						500,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	600,000	0	600,000	0	0	0	0	0	600,000

FUNDING SCHEDULE

R7100 Prior Bonds	600,000		600,000						600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	0	600,000	0	0	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$59,788

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	17,068
Encumbered	5,580
Total	\$22,648

PROJECT: GIS Update**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A134105****PROJECT DESCRIPTION / JUSTIFICATION:**

The Department of Planning and Zoning maintains planimetric and topographic mapping databases of Harford County. These databases serve as the foundation of the County's Geographic Information System and are used by departments and agencies throughout Harford County Government as well as other local, State and Federal government agencies. Timely, accurate mapping data is critical to the operation of Planning and Zoning, as well as DPW Engineering, Highways and Water & Sewer. Emergency Operations and the Volunteer Fire Companies use this data for critical public safety and dispatch operations. Requested funding would be used to update existing planimetric and topographic data in selected areas of the County where development or environmental change has occurred since the last comprehensive mapping effort which occurred in 2008.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is scheduled to be completed by December, 2014

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	250,000	0	250,000	0	0	0	0	0	250,000

FUNDING SCHEDULE

R8750 Paygo	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	0	250,000	0	0	0	0	0	250,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

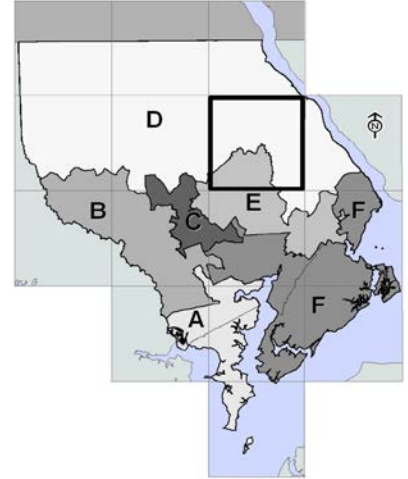
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	226,099
Encumbered	0
Total	\$226,099

PROJECT: Harford County Agricultural Research and Exposition Center**GENERAL****COUNCIL DISTRICT: D****LOCATION: Dublin****A164103****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for site and engineering cost of an agricultural research and exposition facility in Harford County. This facility will provide the opportunity for federal, state and local agricultural agencies to be housed in one location; as well as to support programs such as but not limited to Science, Technology, Engineering and Mathematics (STEM) for Farmers, Farm-to-Table, food safety lab space, and expansion of the farmers' market.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R7100 Prior Bonds	150,000		150,000						150,000
R7920 State Bonds	150,000		150,000						150,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$15,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended

Encumbered

Total \$0

PROJECT: HMAN (Harford County Metro Area Network)**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A124131****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to use advanced telecommunications infrastructure to increase access to the web and other computer utilities for citizens, businesses and governmental entities within Harford County. The HMAN (Harford County Metro Area Network) will allow the consolidation of existing disparate communication networks into a single secure high speed IP network providing internet; Ethernet and voice over IP; serve as Harford County's communications backbone for all current and future technologies; reduction of cost for Harford County government and its sister organizations' complete coverage of the County for internet access and increased bandwidth for both governmental and private sector entities. This new architecture creates a multi-service network that provides the government, public safety, education, health care, commercial and residential users a single infrastructure, with complete sovereignty and security, on an advanced consolidated core backbone.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	16,200,000		16,200,000						16,200,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	16,200,000	0	16,200,000	0	0	0	0	0	16,200,000

FUNDING SCHEDULE

R7100 Prior Bonds	16,200,000		16,200,000						16,200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	16,200,000	0	16,200,000	0	0	0	0	0	16,200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,382,802

Annual Operating/Maintenance Cost: N/A

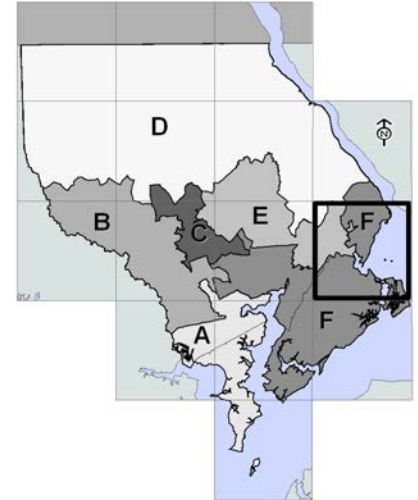
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	12,104,765
Encumbered	633,166
Total	\$12,737,931

PROJECT: Havre de Grace Opera House Renovations**GENERAL****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****A144130****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds for the renovation of the Havre de Grace Opera House. This will include renovation of the first and second floor (7,052 sq/ft), the construction of an addition (2,178 sq/ft) for housing an elevator, as well as upgrades to make the building ADA compliant and compliant with all safety standards. Seating capacity in the historic second floor theater will be increased from 120 seats to 200. In its current condition, the building prohibits anyone with disabilities from entering the theater or otherwise using this public building for the performing arts, lecture, etc. After renovations and with ADA accessibility, the new facility will be able to serve dozens of organizations, including the youth, and those with special needs in Harford, Cecil, and Baltimore Counties. Funding for this project is necessary to preserve this historic building and fill a demand for multi-purpose media space in the region.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	750,000		750,000						750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	750,000	0	750,000	0	0	0	0	0	750,000

FUNDING SCHEDULE

R8750 Paygo	250,000		250,000						250,000
R7920 State Bonds	250,000		250,000						250,000
R6999 Other	250,000		250,000						250,000
			0						0
			0						0
			0						0
Total Funds	750,000	0	750,000	0	0	0	0	0	750,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Hosanna School

GENERAL

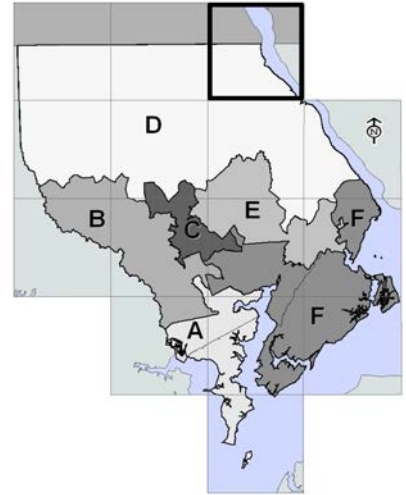
COUNCIL DISTRICT: D

LOCATION: Berkley

A144103

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to increase the parking lot capacity and improve the safety associated with the site access to the historic Hosanna School in Darlington along MD State Rt. 623 (Castleton Road). Included with the project will be an on-site turn-around area for buses to eliminate the need to drop off a full busload of school children along the State Road. Also included will be handicapped parking facilities, stormwater management and necessary sidewalk upgrades to access the historic schoolhouse.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	240,000		240,000						240,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	240,000	0	240,000	0	0	0	0	0	240,000

FUNDING SCHEDULE

R8750 Paygo	240,000		240,000						240,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	240,000	0	240,000	0	0	0	0	0	240,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$13,500

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	221,862
Encumbered	0
Total	<u>\$221,862</u>

PROJECT: Humane Society

GENERAL

COUNCIL DISTRICT: B

LOCATION: Benson

A114102

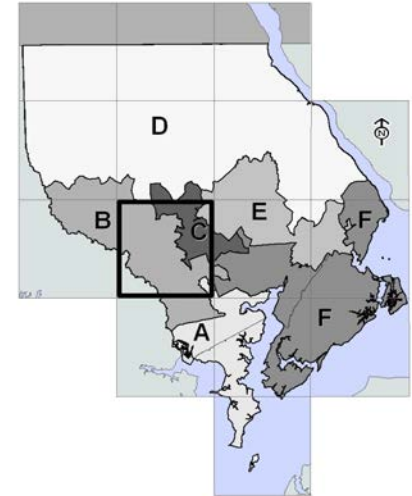
PROJECT DESCRIPTION / JUSTIFICATION:

Phase I for this project is to provide predevelopment funds for a new Humane Society complex. Phase II will involve construction of a new facility on the existing land owned by the Humane Society of Harford County. This facility will provide a significantly better experience for County residents looking to adopt or surrender a pet, and will allow for the Humane Society to care for and provide humane temporary housing prior to adoption. This structure will continue to avail participation in the Animal Control Program and better promote awareness of animal care in the community.

PROJECT SCHEDULE:

FY 13 - begin construction

PROJECT STATUS:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	375,000		375,000						375,000
Land Acquisition			0						0
Construction	5,800,000		5,800,000						5,800,000
Inspection Fees	225,000		225,000						225,000
Equipment/Furnishing	650,000		650,000						650,000
Total Cost	7,050,000	0	7,050,000	0	0	0	0	0	7,050,000

FUNDING SCHEDULE

R7100 Prior Bonds	6,000,000		6,000,000						6,000,000
R6999 Other	603,105		603,105						603,105
R6320 Contributions & Donations	446,895		446,895						446,895
			0						0
			0						0
			0						0
Total Funds	7,050,000	0	7,050,000	0	0	0	0	0	7,050,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$546,542

Annual Operating/Maintenance Cost: N/A

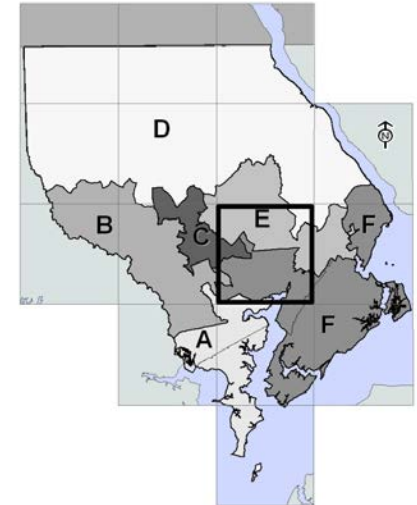
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	4,211,341
Encumbered	2,094,786
Total	<u>\$6,306,127</u>

PROJECT: MD 924 Small Area Corridor Plan**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Emmorton****A144129****PROJECT DESCRIPTION / JUSTIFICATION:**

This is a small area neighborhood plan focused upon the land use, transportation, connectivity and quality of life along the 924 corridor from Lake Drive to Porter Lane. This three mile corridor is in the heart of our development envelope yet home to thousands of residents and businesses. This plan will involve community stakeholders and serve as a street level plan that guides future land use, transportation improvements, environmental protection, open space and quality of life issues. The plan will represent the community's vision and provide the template for other areas of the County. The Harford County Department of Planning and Zoning will lead this community planning effort and will work with stakeholders, as well as State and local agencies including the Baltimore Metropolitan Council for additional funding and technical expertise in the area of improved vehicular and pedestrian mobility throughout the corridor.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8750 Paygo	60,000		60,000						60,000
R3199 Federal Other	240,000		240,000						240,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	81,652
Encumbered	133,221
Total	\$214,873

PROJECT: Reforestation and Buffer Mitigation - Critical Area**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A094105****PROJECT DESCRIPTION / JUSTIFICATION:**

The existing capital account accepts fee-in-lieu funds (developer contributions) for reforestation and buffer mitigation of properties located within the Critical Area per the Harford County Zoning Code and State Critical Area Program.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	0	0	0	0	100,000

FUNDING SCHEDULE

R6330 Developer	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	0	0	0	0	100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	60,520
Encumbered	2,734
Total	\$63,254

PROJECT: Reforestation and Landscaping**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A024132****PROJECT DESCRIPTION / JUSTIFICATION:**

This existing capital account accepts funds for reforestation and landscaping requirements of the Harford County Zoning Code when a developer defaults on the surety.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	680,000		680,000						680,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	680,000	0	680,000	0	0	0	0	0	680,000

FUNDING SCHEDULE

R6330 Developer	672,421		672,421						672,421
R3399 State Other	7,579		7,579						7,579
			0						0
			0						0
			0						0
			0						0
Total Funds	680,000	0	680,000	0	0	0	0	0	680,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	347,259
Encumbered	2,375
Total	\$349,634

PROJECT: Repairs to 45 South Main Street Building**GENERAL****COUNCIL DISTRICT: C****LOCATION: Bel Air****A134112****PROJECT DESCRIPTION / JUSTIFICATION:**

As a result of demolition work of the BB&T building by authority of the Town of Bel Air, the north wall of 45 South Main Street requires rehabilitative restoration. The old jail located at the rear of 45 South Main Street will also be fully exposed as a result of the demolition. Since this building is in a deteriorating state, rehabilitative repairs will be necessary to it as well. It would be a practical and efficient use of funds to perform repairs to the exterior of the entire facility, noting that the repairs are largely masonry in nature. As the demolition is not complete, however, the extend of the repair and restoration work cannot be accurately assessed.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	100,000		100,000						100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	0	0	0	0	100,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	0	0	0	0	100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	99,489
Encumbered	0
Total	\$99,489

PROJECT: Site Acquisition

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A064109

PROJECT DESCRIPTION / JUSTIFICATION:

This project was for the acquisition of privately owned land in those areas of need where donated land appears unlikely. Land needs are prevalent in the areas of education, parks and recreation, libraries, and other public purposes.



PROJECT SCHEDULE:

PROJECT STATUS:

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition	23,757,761		23,757,761						23,757,761
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	23,757,761	0	23,757,761	0	0	0	0	0	23,757,761

FUNDING SCHEDULE

R3199 Federal Other	525,000		525,000						525,000
R3399 State Other	225,000		225,000						225,000
R7100 Prior Bonds	18,007,761		18,007,761						18,007,761
R7945 Proceeds from IPA	5,000,000		5,000,000						5,000,000
R7000 Future Bonds			0						0
			0						0
Total Funds	23,757,761	0	23,757,761	0	0	0	0	0	23,757,761

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,667,586

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	15,743,310
Encumbered	0
Total	<u>\$15,743,310</u>

PROJECT: Treasury Computer Enhancements**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A054104****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to purchase additional software to enhance Treasury's current software packages that would include accounting, purchasing, fixed assets, report writer, payroll, and cash receipts systems to operate more effectively as well as efficiently. With the ever changing technical advances in today's world, we need to increase our vigilance in system upgrading to ensure system functionality. An example of this would be to purchase software to web enable our current products, providing departments with a familiar and consistent format that is currently being used on the Internet.

PROJECT SCHEDULE:**PROJECT STATUS:**

This is an ongoing project that does not have a timeline as long as we continue with our current software package.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	175,000		175,000						175,000
Total Cost	175,000	0	175,000	0	0	0	0	0	175,000

FUNDING SCHEDULE

R8750 Paygo	175,000		175,000						175,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	175,000	0	175,000	0	0	0	0	0	175,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	165,082
Encumbered	0
Total	\$165,082

PROJECT: Voting Equipment**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A164104****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for equipment required for implementation of the new voting system as determined by the Maryland State Board of Elections. Equipment can include, but is not limited to items such as carts, voting booths, memory sticks, kiosks, ballot boxes, hubs and servers.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	200,000		200,000						200,000
Total Cost	200,000	0	200,000	0	0	0	0	0	200,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	0	200,000	0	0	0	0	0	200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

GENERAL FUND

STORMWATER MANAGEMENT

FY 17 Funded Projects

Bynum Run @ St. Andrews Way Stream Restoration	1,947,026	847,026	500,000	600,000	0	0	0	0
County Owned Watershed Restoration Improvements	22,725,000	2,400,000	3,125,000	2,700,000	3,400,000	3,500,000	3,750,000	3,850,000
Joppatowne Area Watershed Restoration	5,300,000	2,100,000	450,000	550,000	550,000	550,000	550,000	550,000
Maintenance/Repair of Dams FY 14	3,105,000	1,005,000	350,000	350,000	350,000	350,000	350,000	350,000
Plumtree Run Watershed Restoration	7,443,452	1,768,452	1,175,000	900,000	900,000	900,000	900,000	900,000
Riverside Area Watershed Restoration	5,785,886	335,886	1,075,000	875,000	875,000	875,000	875,000	875,000
Sams Branch Watershed Restoration	3,172,922	972,922	200,000	400,000	400,000	400,000	400,000	400,000
Septic System Disconnection	300,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Stormwater Pollution Prevention	1,481,395	631,395	100,000	150,000	150,000	150,000	150,000	150,000
Sunnyview Stream Restoration	1,992,220	1,567,220	425,000	0	0	0	0	0
Watershed Restoration Assessment	11,100,000	1,500,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
Watershed Restoration Improvements	3,800,000	400,000	650,000	550,000	550,000	550,000	550,000	550,000
Watershed Restoration Maintenance	660,000	60,000	100,000	100,000	100,000	100,000	100,000	100,000
Wheel Creek Watershed Restoration	6,989,607	5,989,607	550,000	150,000	150,000	150,000	0	0
Stormwater Management Total by Project	75,802,508	19,577,508	10,350,000	8,975,000	9,075,000	9,175,000	9,275,000	9,375,000
Paygo*	4,147,818	2,697,818	200,000	250,000	250,000	250,000	250,000	250,000
Prior Bonds	5,800,000	5,800,000	0	0	0	0	0	0
Future Bonds	36,650,000	0	5,900,000	5,950,000	6,050,000	6,150,000	6,250,000	6,350,000
Reappropriated	2,024,690	2,024,690	0	0	0	0	0	0
Recordation Tax	200,000	200,000	0	0	0	0	0	0
State	19,557,016	6,482,016	2,700,000	2,075,000	2,075,000	2,075,000	2,075,000	2,075,000
Federal	4,947,984	1,397,984	1,300,000	450,000	450,000	450,000	450,000	450,000
Other	2,475,000	975,000	250,000	250,000	250,000	250,000	250,000	250,000
<i>*Special Dedicated Paygo</i>								
Stormwater Management Total by Fund	75,802,508	19,577,508	10,350,000	8,975,000	9,075,000	9,175,000	9,275,000	9,375,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

GENERAL FUND

STORMWATER MANAGEMENT

Bynum Run at St. Andrews Way Stream Restoration	500,000	0	0	0	0	0	0	0	0	0	500,000	0	0
County Owned Watershed Restoration Improvements	3,125,000	0	0	0	2,100,000	0	0	0	725,000	0	300,000	0	0
Joppatowne Area Watershed Restoration	450,000	0	0	0	250,000	0	0	0	125,000	0	75,000	0	0
Maintenance/Repair of Dams FY 14	350,000	0	100,000	0	0	0	0	0	0	0	0	0	250,000
Plumtree Run Watershed Restoration	1,175,000	0	0	0	600,000	0	0	0	500,000	0	75,000	0	0
Riverside Area Watershed Restoration	1,075,000	0	0	0	400,000	0	0	0	600,000	0	75,000	0	0
Sams Branch Watershed Restoration	200,000	0	0	0	50,000	0	0	0	100,000	0	50,000	0	0
Septic System Disconnection	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Sunnyview Stream Restoration	425,000	0	0	0	300,000	0	0	0	125,000	0	0	0	0
Watershed Restoration Assessment	1,600,000	0	0	0	1,200,000	0	0	0	300,000	0	100,000	0	0
Watershed Restoration Improvements	650,000	0	0	0	450,000	0	0	0	125,000	0	75,000	0	0
Watershed Restoration Maintenance	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Wheel Creek Watershed Restoration	550,000	0	0	0	400,000	0	0	0	100,000	0	50,000	0	0

*Paygo - Dedicated Revenue from Recordation Tax

SUB-TOTAL STORMWATER MANAGEMENT	10,350,000	0	200,000	0	5,900,000	0	0	0	2,700,000	0	1,300,000	0	250,000

PROJECT: Bynum Run @ St. Andrews Way Stream Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: C****LOCATION: Bel Air****A114105****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction of a stream restoration on Bynum Run. Approximately 3,000 feet of stream will be restored as a result of this project including stabilization to protect a sewer line. The project is located east of the Town of Bel Air across from St. Andrews Way. This project is a cost share with Water and Sewer. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:

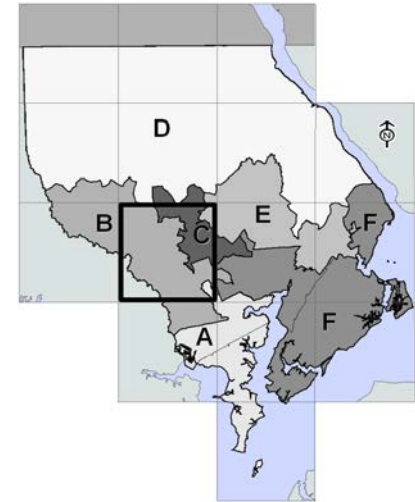
Construction FY2018; to follow after the construction of the Water and Sewer parallel project.

Grant application anticipated spring 2017 with funds available fall 2017

PROJECT STATUS:

Design is 95% completed.

Negotiations with property owners is currently underway.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	145,000		145,000						145,000
Land Acquisition			0						0
Construction	647,026	500,000	1,147,026	300,000					1,447,026
Inspection Fees	55,000		55,000	300,000					355,000
Equipment/Furnishing			0						0
Total Cost	847,026	500,000	1,347,026	600,000	0	0	0	0	1,947,026

FUNDING SCHEDULE

R8750 Paygo	310,000		310,000						310,000
R3199 Federal Other	480,000	500,000	980,000						980,000
R8089 Reappropriated Paygo	57,026		57,026						57,026
R7000 Future Bonds			0	600,000					600,000
			0						
			0						
Total Funds	847,026	500,000	1,347,026	600,000	0	0	0	0	1,947,026

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	174,791
Encumbered	0
Total	\$174,791

PROJECT: County Owned Watershed Restoration Improvements**STORMWATER MANAGEMENT****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A164105****PROJECT DESCRIPTION / JUSTIFICATION:**

Watershed restoration/improvement projects are designed and constructed to reduce pollutant loading and improve water quality of the streams and rivers in Harford County. The types of projects include new stormwater management facilities, stormwater retrofits, stream channel restoration and stabilization. This project will be used for design and construction for projects on county owned property that have not yet been identified. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:

Ring Factory ES SWM Retrofit and Stream Restoration (Design 75% complete)
 Foster Branch Sediment Trap (Design 10% complete)
 Church Creek ES SWM Retrofit and Stream Restoration (Finalizing scope of services)
 Jarrettsville Highway Shop SWM Retrofit (Finalizing scope of services under design / build)
 Abingdon Libray SWM Retrofit (Finalizing scope of services under design / build)

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	60,000	1,000,000	1,060,000	950,000	950,000	950,000	950,000	950,000	5,810,000
Land Acquisition			0						0
Construction	2,000,000	1,700,000	3,700,000	1,450,000	2,150,000	2,250,000	2,400,000	2,500,000	14,450,000
Inspection Fees	340,000	425,000	765,000	300,000	300,000	300,000	400,000	400,000	2,465,000
Equipment/Furnishing			0						0
Total Cost	2,400,000	3,125,000	5,525,000	2,700,000	3,400,000	3,500,000	3,750,000	3,850,000	22,725,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,400,000		1,400,000						1,400,000
R3320 State DNR/SWM	1,000,000	725,000	1,725,000	750,000	750,000	750,000	750,000	750,000	5,475,000
R3199 Federal Other		300,000	300,000						300,000
R7000 Future Bonds		2,100,000	2,100,000	1,950,000	2,650,000	2,750,000	3,000,000	3,100,000	15,550,000
Total Funds	2,400,000	3,125,000	5,525,000	2,700,000	3,400,000	3,500,000	3,750,000	3,850,000	22,725,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$139,901
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	20,902
Encumbered	64,749
Total	\$85,651

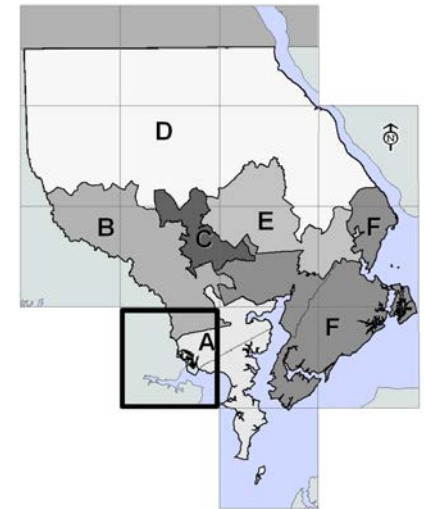
PROJECT: Joppatowne Area Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: A****LOCATION: Joppatowne****A124104****PROJECT DESCRIPTION / JUSTIFICATION:**

Sedimentation has been occurring in the tidal areas of Foster Branch and Rumsey Island requiring dredging for boating access. A watershed assessment was completed in Foster Branch in 2012. Assessments for Mariner Run (Rumsey Island sub watershed) and Rumsey Island are pending. The assessments provide prioritized recommendations for restoration projects, including stream restoration and stormwater management retrofit that provides the most cost effective improvements to water quality and reductions in sedimentation. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:

Foster Branch at Dembytown Stream Restoration (Design 95% complete)

Foster Branch at Still Meadow Stream Restoration (Developing scope of design services)

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	790,000	125,000	915,000	175,000	175,000	175,000	175,000	175,000	1,790,000
Land Acquisition			0						0
Construction	1,150,000	275,000	1,425,000	325,000	325,000	325,000	325,000	325,000	3,050,000
Inspection Fees	160,000	50,000	210,000	50,000	50,000	50,000	50,000	50,000	460,000
Equipment/Furnishing			0						0
Total Cost	2,100,000	450,000	2,550,000	550,000	550,000	550,000	550,000	550,000	5,300,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
R7100 Prior Bonds	700,000		700,000						700,000
R3320 State DNR/SWM	775,000	125,000	900,000	150,000	150,000	150,000	150,000	150,000	1,650,000
R3199 Federal Other	100,000	75,000	175,000						175,000
R8089 Reappropriated Paygo	225,000		225,000						225,000
R7000 Future Bonds		250,000	250,000	400,000	400,000	400,000	400,000	400,000	2,250,000
Total Funds	2,100,000	450,000	2,550,000	550,000	550,000	550,000	550,000	550,000	5,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$67,539

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	831,401
Encumbered	25,971
Total	\$857,372

PROJECT: Maintenance/Repair of Dams FY14**STORMWATER MANAGEMENT****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A144128****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the annual maintenance of dams, which are the responsibility of Harford County, including but not limited to dams located at Deer Creek, Lake Serene, and Oaks of Harford. In addition, the project will provide the funding for repairs to private stormwater management facilities, which present an immediate danger to the public or environmental health or are a safety hazard because of an unsafe condition or improper maintenance. The costs of which would be assessed against the owner(s).

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,005,000	350,000	1,355,000	350,000	350,000	350,000	350,000	350,000	3,105,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,005,000	350,000	1,355,000	350,000	350,000	350,000	350,000	350,000	3,105,000

FUNDING SCHEDULE

R8750 Paygo	95,000		95,000						95,000
R1515 Recordation Tax	60,000		60,000						60,000
R8750 Special Dedicated Paygo		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
R6999 Other	600,000	250,000	850,000	250,000	250,000	250,000	250,000	250,000	2,100,000
R1602 Special Assessment	250,000		250,000						250,000
Total Funds	1,005,000	350,000	1,355,000	350,000	350,000	350,000	350,000	350,000	3,105,000

OPERATING BUDGET IMPACT:

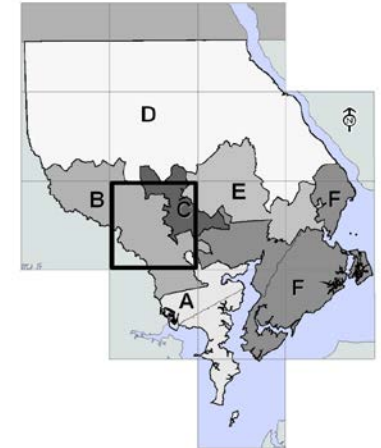
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	87,441
Encumbered	338,252
Total	\$425,693

PROJECT: Plumtree Run Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: C****LOCATION: Bel Air****A124105****PROJECT DESCRIPTION / JUSTIFICATION:**

The Plumtree Run Watershed (1,651 acres) begins within the Town of Bel Air, and is the most developed watershed within Harford County. The Plumtree Run Watershed Assessment (2011) provides prioritized recommendations for restoration projects, including ten stream restorations and seven stormwater management retrofits that provide the most cost effective improvements to water quality. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

**PROJECT SCHEDULE:**

Plumtree Run at Barrington Stream Restoration (Design 75% complete)

Plumtree Run at West Gate Stream Restoration (Scope of work pending)

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	643,452	175,000	818,452	175,000	175,000	175,000	175,000	175,000	1,693,452
Land Acquisition			0						0
Construction	900,000	800,000	1,700,000	600,000	600,000	600,000	600,000	600,000	4,700,000
Inspection Fees	225,000	200,000	425,000	125,000	125,000	125,000	125,000	125,000	1,050,000
Equipment/Furnishing			0						0
Total Cost	1,768,452	1,175,000	2,943,452	900,000	900,000	900,000	900,000	900,000	7,443,452

FUNDING SCHEDULE

R8750 Paygo	75,000		75,000						75,000
R3320 State DNR/SWM	400,000	500,000	900,000	150,000	150,000	150,000	150,000	150,000	1,650,000
R3199 Federal Other	100,000	75,000	175,000	350,000	350,000	350,000	350,000	350,000	1,925,000
R7100 Prior Bonds	850,000		850,000						850,000
R8089 Reappropriated Paygo	343,452		343,452						343,452
R7000 Future Bonds		600,000	600,000	400,000	400,000	400,000	400,000	400,000	2,600,000
Total Funds	1,768,452	1,175,000	2,943,452	900,000	900,000	900,000	900,000	900,000	7,443,452

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$82,092

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

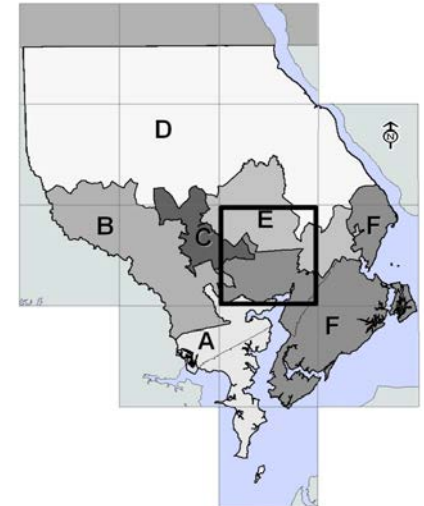
Expended	415,020
Encumbered	155,225
Total	\$570,245

PROJECT: Riverside Area Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: F****LOCATION: Riverside****A154103****PROJECT DESCRIPTION / JUSTIFICATION:**

The Declaration Run and adjacent Riverside watersheds are located in Riverside. The headwaters of Declaration Run begin at the intersection of MD Rt. 7 and MD Rt. 543 and discharge near the confluence of Bynum Run with Bush River. The Riverside watershed discharges directly to Bush Creek and includes the Riverside community. This project will fund the restoration projects prioritized through the watershed assessments (2014) that are the most cost effective project to improve water quality. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:

Northwest Branch Declaration Run Stream Restoration (Finalizing scope of work)

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	335,886	150,000	485,886	150,000	150,000	150,000	150,000	150,000	1,235,886
Land Acquisition			0						0
Construction		800,000	800,000	600,000	600,000	600,000	600,000	600,000	3,800,000
Inspection Fees		125,000	125,000	125,000	125,000	125,000	125,000	125,000	750,000
Equipment/Furnishing			0						0
Total Cost	335,886	1,075,000	1,410,886	875,000	875,000	875,000	875,000	875,000	5,785,886

FUNDING SCHEDULE

R3320 State DNR/SWM		600,000	600,000	475,000	475,000	475,000	475,000	475,000	2,975,000
R3199 Federal Other		75,000	75,000						75,000
R7100 Prior Bonds	120,000		120,000						120,000
R8089 Reappropriated Paygo	215,886		215,886						215,886
R7000 Future Bonds		400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
Total Funds	335,886	1,075,000	1,410,886	875,000	875,000	875,000	875,000	875,000	5,785,886

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$11,980

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

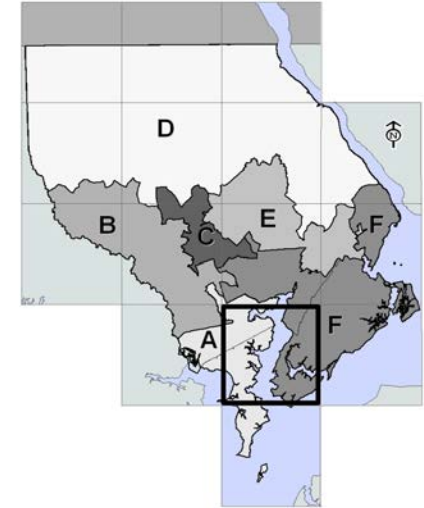
Expended	4,562
Encumbered	271,252
Total	\$275,814

PROJECT: Sams Branch Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: A****LOCATION: Edgewood****A124106****PROJECT DESCRIPTION / JUSTIFICATION:**

The Sams Branch Watershed (370 acres) drains from Edgewood Elementary through the Edgewood Meadows community to Otter Point Creek. An assessment and monitoring plan of the entire watershed (2012) has identified opportunities for restoration. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:

Willoughby Beach Extended Retrofit and Stream Restoration (Design 75% complete)

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	622,922	50,000	672,922	100,000	100,000	100,000	100,000	100,000	1,172,922
Land Acquisition	0		0						0
Construction	350,000	125,000	475,000	250,000	250,000	250,000	250,000	250,000	1,725,000
Inspection Fees	0	25,000	25,000	50,000	50,000	50,000	50,000	50,000	275,000
Equipment/Furnishing	0		0						0
Total Cost	972,922	200,000	1,172,922	400,000	400,000	400,000	400,000	400,000	3,172,922

FUNDING SCHEDULE

R8750 Paygo	350,000		350,000						350,000
R7100 Prior Bonds	120,000		120,000						120,000
R3320 State DNR/SWM	350,000	100,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000
R3199 Federal Other	100,000	50,000	150,000						150,000
R8089 Reappropriated Paygo	52,922		52,922						52,922
R7000 Future Bonds		50,000	50,000	300,000	300,000	300,000	300,000	300,000	1,550,000
Total Funds	972,922	200,000	1,172,922	400,000	400,000	400,000	400,000	400,000	3,172,922

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$10,866

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	149,667
Encumbered	155,437
Total	\$305,104

PROJECT: Septic System Disconnection**STORMWATER MANAGEMENT****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

As outlined the "Accounting for Stormwater Wasteload Allocations and Impervious Acres Treated", counties can receive watershed restoration credit towards their MS4 permit for septic systems that are connected to sanitary sewer. Funding to support these type of activities is limited and provide limited incentive for property owners. In coordination with the Harford County Health Department and Harford County Water and Sewer, the capitol account will provide supplemental funding to help implement these type of projects.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000

FUNDING SCHEDULE

R7000 Future Bonds		50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Stormwater Pollution Prevention**STORMWATER MANAGEMENT****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****A124107****PROJECT DESCRIPTION / JUSTIFICATION:**

Stormwater pollution prevention addresses water quality impairments at the source before it impacts our waterways. Prevention, while identification of sources of stormwater pollution, education and outreach, coordination, and continuous follow up to ensure program success. This project will be used in the development of a comprehensive stormwater pollution prevention program which is a major component of the County municipal NPDES or MS4 permit and the focus of an audit of our program by EPA.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	476,395	100,000	576,395	150,000	150,000	150,000	150,000	150,000	1,326,395
Land Acquisition			0						0
Construction	130,000		130,000						130,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	631,395	100,000	731,395	150,000	150,000	150,000	150,000	150,000	1,481,395

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
R1515 Recordation Tax	140,000		140,000						140,000
R3320 State DNR/SWM	50,000		50,000						50,000
R8089 Reappropriated Paygo	141,395		141,395						141,395
R8750 Special Dedicated Paygo		100,000	100,000	150,000	150,000	150,000	150,000	150,000	850,000
			0						0
Total Funds	631,395	100,000	731,395	150,000	150,000	150,000	150,000	150,000	1,481,395

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

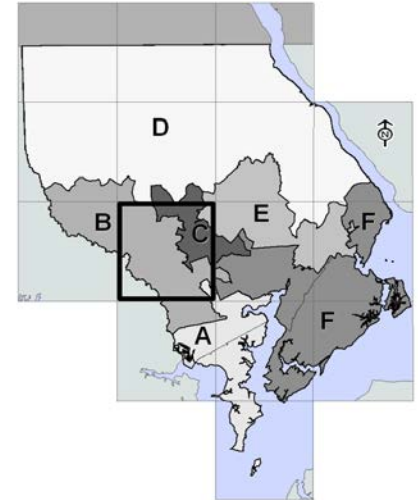
Expended	324,287
Encumbered	46,904
Total	<u>\$371,191</u>

PROJECT: Sunnyview Stream Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: C****LOCATION: Bel Air****A084107****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction of a stream restoration on Farnandis Branch, a tributary of Bynum Run. Approximately 2,220 feet of stream will be restored as a result of this project. The project is located east of the Town of Bel Air within the Glenwood Garth community. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:**PROJECT STATUS:**

Design is 75% complete, plats have been completed. Easements pending.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	310,000		310,000						310,000
Land Acquisition	845,000		845,000						845,000
Construction	212,220	425,000	637,220						637,220
Inspection Fees	200,000		200,000						200,000
Equipment/Furnishing			0						0
Total Cost	1,567,220	425,000	1,992,220	0	0	0	0	0	1,992,220

FUNDING SCHEDULE

R7100 Prior Bonds	400,000		400,000						400,000
R3320 State DNR/SWM	900,000	125,000	1,025,000						1,025,000
R8089 Reappropriated Paygo	267,220		267,220						267,220
R7000 Future Bonds		300,000	300,000						300,000
Total Funds	1,567,220	425,000	1,992,220	0	0	0	0	0	1,992,220

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$39,998

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	260,229
Encumbered	0
Total	\$260,229

PROJECT: Watershed Restoration Assessment**STORMWATER MANAGEMENT****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A164106****PROJECT DESCRIPTION / JUSTIFICATION:**

Watershed restoration assessments are management tools used to develop programs to address water quality issues including, but not limited to, the identification of potential water quality improvement projects, evaluation of water quality pollutants and stream flow, the development of water quality models, the creation of watershed management plans, and the estimation of pollutant load reductions. Water quality assessments are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

**PROJECT SCHEDULE:**

Small Watershed Assessments - Mariner Run / Rumsey Island / Shamrock Run

Basin Watershed Assessments - Winters Run

Watershed Restoration Plans (TMDL) - Bynum Run, Swan Creek, Chesapeake Bay

Chemical Monitoring - Plumtree Run, Foster Branch

Flow Monitoring - Plumtree, Foster Branch, Bynum Run, Swan Creek, James Run

Biological Monitoring - Plumtree Run, Foster Branch

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 17 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,500,000	1,600,000	3,100,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	11,100,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,500,000	1,600,000	3,100,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	11,100,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,250,000		1,250,000						1,250,000
R3320 State DNR/SWM	125,000	300,000	425,000	300,000	300,000	300,000	300,000	300,000	1,925,000
R3199 Federal Other	125,000	100,000	225,000	100,000	100,000	100,000	100,000	100,000	725,000
R7000 Future Bonds		1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000
Total Funds	1,500,000	1,600,000	3,100,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	11,100,000

OPERATING BUDGET IMPACT:

Financial Activity as of 1/5/16:

Estimated Annual Debt Service Cost: \$123,673

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Expended	140,500
Encumbered	592,178
Total	\$732,678

PROJECT: Watershed Restoration Improvements**STORMWATER MANAGEMENT****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A164107****PROJECT DESCRIPTION / JUSTIFICATION:**

Watershed restoration/improvement projects are designed and constructed to reduce pollutant loading and improve water quality of the streams and rivers in Harford County. The types of projects include new stormwater management facilities, stormwater retrofits, stream channel restoration and stabilization. This project will be used for design and construction for smaller projects that have not yet been identified. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	170,000	125,000	295,000	125,000	125,000	125,000	125,000	125,000	920,000
Land Acquisition			0						0
Construction	210,000	450,000	660,000	350,000	350,000	350,000	350,000	350,000	2,410,000
Inspection Fees	20,000	75,000	95,000	75,000	75,000	75,000	75,000	75,000	470,000
Equipment/Furnishing			0						0
Total Cost	400,000	650,000	1,050,000	550,000	550,000	550,000	550,000	550,000	3,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	300,000		300,000						300,000
R7000 Future Bonds		450,000	450,000	400,000	400,000	400,000	400,000	400,000	2,450,000
R3320 State DNR/SWM	100,000	125,000	225,000	150,000	150,000	150,000	150,000	150,000	975,000
R3199 Federal Other		75,000	75,000						75,000
R6999 Other			0						0
			0						0
Total Funds	400,000	650,000	1,050,000	550,000	550,000	550,000	550,000	550,000	3,800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$30,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Watershed Restoration Maintenance

STORMWATER MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A164108

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the annual maintenance of watershed restoration projects including but not limited to new stormwater retrofit projects and post construction repairs for stream restoration projects.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	60,000	100,000	160,000	100,000	100,000	100,000	100,000	100,000	660,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	60,000	100,000	160,000	100,000	100,000	100,000	100,000	100,000	660,000

FUNDING SCHEDULE

R7000 Future Bonds		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
R7100 Prior Bonds	60,000								
Total Funds	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$5,953

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

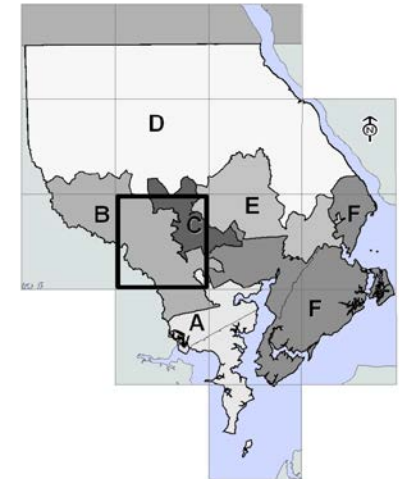
Expended	5,267
Encumbered	10,409
Total	<u>\$15,676</u>

PROJECT: Wheel Creek Watershed Restoration**COUNCIL DISTRICT: B****LOCATION: Bel Air****STORMWATER MANAGEMENT****A104102****PROJECT DESCRIPTION / JUSTIFICATION:**

The Wheel Creek Watershed Assessment prioritized recommendations for restoration projects, including 4 stream restorations and 5 stormwater management retrofit projects that provide the most cost effective improvements to water quality for the 435 acre watershed. From the assessment, a restoration plan was developed which also includes public outreach, and various types of monitoring used to determine plan effectiveness. The restoration plan was used to successfully apply for grant funding through the MD Department of Natural Resources Trust Funds. Engineering/design includes funds for outreach and monitoring, which are required and covered through the grant. Monitoring in this watershed is also being used to meet requirements under the municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:

Country Walk Pond 1A Retrofit (Under Construction)
 Lower Wheel Creek Stream Restoration (Construction NTP Dec 2015)
 Country Walk Pond 1B Retrofit (Design 75% complete)

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,809,607	300,000	2,109,607	150,000	150,000	150,000			2,559,607
Land Acquisition			0						0
Construction	3,515,000	200,000	3,715,000						3,715,000
Inspection Fees	665,000	50,000	715,000						715,000
Equipment/Furnishing			0						0
Total Cost	5,989,607	550,000	6,539,607	150,000	150,000	150,000	0	0	6,989,607

FUNDING SCHEDULE

R8750 Paygo	1,267,818		1,267,818						1,267,818
R7100 Prior Bonds	600,000		600,000						600,000
R3320 State DNR/SWM	2,782,016	100,000	2,882,016						2,882,016
R3199 Federal Other	492,984	50,000	542,984						542,984
R6340 Corporate/Business	59,600		59,600						59,600
R8089 Reappropriated Paygo	721,789		721,789						721,789
R6999 Other	65,400		65,400						65,400
R7000 Future Bonds		400,000	400,000	150,000	150,000	150,000			850,000
Total Funds	5,989,607	550,000	6,539,607	150,000	150,000	150,000	0	0	6,989,607

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$60,000
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	3,070,734
Encumbered	872,912
Total	\$3,943,646

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

GENERAL FUND

PUBLIC SAFETY

FY 17 Funded Projects

New Emergency Operations Center Complex	43,294,525	46,294,525	(3,000,000)	0	0	0	0	0
911 State Fee Funds	700,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Public Safety Communication in School Buildings	950,000	350,000	100,000	100,000	100,000	100,000	100,000	100,000
SCBA Replacement	500,000	0	500,000	0	0	0	0	0
VFC Facility Repair 15	4,100,000	700,000	400,000	600,000	600,000	600,000	600,000	600,000

Outyear Projects:

Computer Equipments/Networks	2,641,742	2,241,742	0	400,000	0	0	0	0

Open Projects:

Bel Air Substation at Patterson Mill	2,868,400	2,868,400	0	0	0	0	0	0
Fire, EMS, and Law Enforcement CAD	2,450,000	2,450,000	0	0	0	0	0	0
Joppa Magnolia Fire Station Expansion	700,000	700,000	0	0	0	0	0	0
Norrisville Station	875,000	875,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	21,693,992	21,693,992	0	0	0	0	0	0
TRT Equipment	160,000	160,000	0	0	0	0	0	0

Sheriff/Emergency/Fire Total by Project	80,933,659	78,433,659	(1,900,000)	1,200,000	800,000	800,000	800,000	800,000

Paygo	17,159,650	12,509,650	750,000	1,100,000	700,000	700,000	700,000	700,000
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	55,861,500	58,861,500	(3,000,000)	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0
State	2,998,580	2,398,580	100,000	100,000	100,000	100,000	100,000	100,000
Federal	3,270,412	3,270,412	0	0	0	0	0	0
Other	300,000	50,000	250,000	0	0	0	0	0
Lease Purchase	981,017	981,017	0	0	0	0	0	0

Sheriff / Emergency / Fire Total by Fund	80,933,659	78,433,659	(1,900,000)	1,200,000	800,000	800,000	800,000	800,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

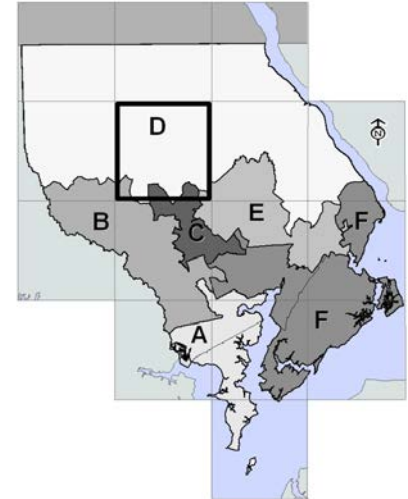
GENERAL FUND

PUBLIC SAFETY

New Emergency Operations Center Complex	(3,000,000)	0	0	(3,000,000)	0								
911 State Fee Fund	100,000	0	0	0	0	0	0	0	100,000	0	0	0	0
Public Safety Communication in School Buildings	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
SCBA Replacement	500,000	0	250,000	0	0	0	0	0	0	0	0	0	250,000
VFC Facility Repair	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	(1,900,000)	0	750,000	(3,000,000)	0	0	0	0	100,000	0	0	0	250,000

PROJECT: New Emergency Operations Center Complex**EMERGENCY SERVICES****COUNCIL DISTRICT: D****LOCATION: Hickory****E074110****PROJECT DESCRIPTION / JUSTIFICATION:**

A feasibility study was completed to determine expansion and upgrade requirements for a new Emergency Operations Center. Phase I of this project was completed in FY15. It includes new Emergency Operations and Dispatch centers, a County training facility, and office space for the Dept. of Emergency Services staff and the Dept. of Information Communication and Technology staff. Design for phase II has been completed however construction has been put on hold. The plans include accommodations for the DES Special Operations branch (Hazmat team and Technical Rescue team), a radio shop, and the EMS Foundation headquarters.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Prior bond funding in the amount of \$1,550,000 is going to P&R Athletic Field Improvement Project, \$450,000 in Prior bond funding is going to the General Facilities Repair Program; and \$1,000,000 in Prior Bond funding will go to Fleet Management Facility capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	2,363,281		2,363,281						2,363,281
Land Acquisition			0						0
Construction	39,431,244	(3,000,000)	36,431,244						36,431,244
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing	4,400,000		4,400,000						4,400,000
Total Cost	46,294,525	(3,000,000)	43,294,525	0	0	0	0	0	43,294,525

FUNDING SCHEDULE

R7100 Prior Bonds	41,461,500	(3,000,000)	38,461,500						38,461,500
R7000 Future Bonds			0						0
R8750 Paygo	283,025		283,025						283,025
R6340 Corporate/Business	50,000		50,000						50,000
R3399 State Other	2,298,000		2,298,000						2,298,000
R3199 Federal Other	2,202,000		2,202,000						2,202,000
Total Funds	46,294,525	(3,000,000)	43,294,525	0	0	0	0	0	43,294,525

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$3,650,149
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	33,609,417
Encumbered	228,948
Total	\$33,838,365

PROJECT: 911 State Fee Fund

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

E164118

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides appropriation authority to accept State funds derived from twenty-five cent charges of 911 calls. This funding is given as reimbursement for applicable items or services that are approved by the 911 board.

PROJECT SCHEDULE:

PROJECT STATUS:

This project is ongoing.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	100,000	100,000	200,000	100,000	100,000	100,000	100,000	100,000	700,000
Total Cost	100,000	100,000	200,000	100,000	100,000	100,000	100,000	100,000	700,000

FUNDING SCHEDULE

R3399 State Other	100,000	100,000	200,000	100,000	100,000	100,000	100,000	100,000	700,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	100,000	200,000	100,000	100,000	100,000	100,000	100,000	700,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Public Safety Communication in School Buildings**EMERGENCY SERVICES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****E134108****PROJECT DESCRIPTION / JUSTIFICATION:**

School Resource Officers (SRO's) have discovered many areas within the middle and high schools that have poor radio coverage. This project will allow us to purchase and install bi-directional amplifiers (BDA's) in the schools that will greatly improve radio coverage for public safety personnel.

PROJECT SCHEDULE:

Project will remain open until all schools are adequately equipped with BDA's.
Each BDA costs approximately \$43,000.

PROJECT STATUS:

BDA's have been installed in all Harford County high schools.
Remaining schools will be scheduled to have the equipment installed.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	350,000	100,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000
Total Cost	350,000	100,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000

FUNDING SCHEDULE

R8750 Paygo	350,000	100,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	100,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	145,826
Encumbered	0
Total	\$145,826

PROJECT: SCBA Replacement**EMERGENCY SERVICES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****New****PROJECT DESCRIPTION / JUSTIFICATION:**

Self-contained breathing apparatus (SCBA) allow first responders to access hazardous and smoke filled atmospheres. Working in concert with the volunteer fire service, the Department of Emergency Services will ensure this funding is used for the purchase and replacement of SCBA's as deemed necessary. The volunteer fire service will remain responsible for the maintenance and upkeep of these SCBA's and provide copies annually to DES on the maintenance and servicing of these SCBA's.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		500,000	500,000						500,000
Total Cost	0	500,000	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R8750 Paygo		250,000	250,000						250,000
R6999 Other		250,000	250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	500,000	500,000	0	0	0	0	0	500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended
 Encumbered
 Total \$0

PROJECT: VFC Facility Repair**VOLUNTEER FIRE COMPANIES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****E154104****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds for the facility repair/renovation costs for existing stations to be determined/approved by the Harford County Volunteer Fire and EMS Association for systemic repairs, roofs, paving, HVAC and other minor renovations.

PROJECT SCHEDULE:

Susquehanna Hose Co House 1	Exhaust System	27,500
Susquehanna Hose Co House 2	Exhaust System	13,500
Susquehanna Hose Co House 3	Exhaust System	38,500
Susquehanna Hose Co House 4	Exhaust System	19,500
Susquehanna Hose Co House 5	Exhaust System	33,500
Whiteford VFC	Fire Alarm system	22,500
Jarrettsville VFC	Upgrade HVAC	13,500
Darlington VFC	Replace HVAC	29,500
Jarrettsville VFC	R30 Insulation	17,500
Norrisville VFC	Replace generator	97,000
Norrisville VFC	Insulate rooms	22,000
Darlington VFC	Replace bay doors	48,500
Darlington VFC House 2	Walkways, ramps	17,000
		<u>400,000</u>

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	700,000	400,000	1,100,000	600,000	600,000	600,000	600,000	600,000	4,100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	700,000	400,000	1,100,000	600,000	600,000	600,000	600,000	600,000	4,100,000

FUNDING SCHEDULE

R8750 Paygo	700,000	400,000	1,100,000	600,000	600,000	600,000	600,000	600,000	4,100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	700,000	400,000	1,100,000	600,000	600,000	600,000	600,000	600,000	4,100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	29,377
Encumbered	0
Total	<u>\$29,377</u>

OUTYEAR PROJECTS

FY 18 - FY 22

PROJECT: Computer Equipment/Networks**SHERIFF'S OFFICE****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****E054106****PROJECT DESCRIPTION / JUSTIFICATION:**

This request addresses the refreshment and replacement of agency computer and network equipment. In order to support public safety operations, it is necessary to refresh hardware to support current and future applications and critical applications utilized by the Harford County Sheriff's Office personnel. Reliable technology, current software, and up-to-date hardware all contribute to maximum employee productivity and reduce the need for repair, labor, and unnecessary support issues. Also included in this request is additional storage to support proposed video projects.

PROJECT SCHEDULE:**PROJECT STATUS:**

Office 2010 is deployed. Windows 7 is being implemented as refresh hardware is deployed. Exchange & SharePoint upgrades are ongoing projects for implementation.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,241,742		2,241,742	400,000					2,641,742
Total Cost	2,241,742	0	2,241,742	400,000	0	0	0	0	2,641,742

FUNDING SCHEDULE

R7160 Lease Purchase	481,017		481,017						481,017
R8770 Reappropriated	362,500		362,500						362,500
R8750 Paygo	1,398,225		1,398,225	400,000					1,798,225
			0						0
			0						0
			0						0
Total Funds	2,241,742	0	2,241,742	400,000	0	0	0	0	2,641,742

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 2,060,548

Encumbered 19,460

Total \$2,080,008

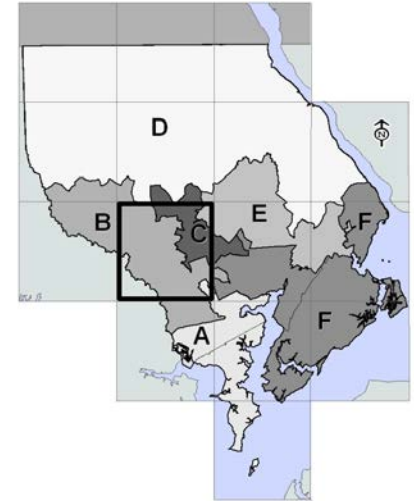
OPEN/ACTIVE PROJECTS

PROJECT: Bel Air Substation at Patterson Mill**VOLUNTEER FIRE COMPANIES****COUNCIL DISTRICT: C****LOCATION: Emmorton****E094111****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for full funding of a new substation at Patterson Mill.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is ongoing.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	140,400		140,400						140,400
Land Acquisition			0						0
Construction	2,555,100		2,555,100						2,555,100
Inspection Fees	81,900		81,900						81,900
Equipment/Furnishing	91,000		91,000						91,000
Total Cost	2,868,400	0	2,868,400	0	0	0	0	0	2,868,400

FUNDING SCHEDULE

R8750 Paygo	2,868,400		2,868,400						2,868,400
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,868,400	0	2,868,400	0	0	0	0	0	2,868,400

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	2,843,475
Encumbered	14,450
Total	\$2,857,925

PROJECT: Fire, EMS, and Law Enforcement CAD**EMERGENCY SERVICES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****E014113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided for the purchase of a new Fire, EMS, and Law Enforcement Computer Aided Dispatch (CAD) system. The project is almost complete and remaining integrations are being finalized.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,450,000		2,450,000						2,450,000
Total Cost	2,450,000	0	2,450,000	0	0	0	0	0	2,450,000

FUNDING SCHEDULE

R7100 Prior Bonds	400,000		400,000						400,000
R7160 Lease Purchase	500,000		500,000						500,000
R8750 Paygo	1,550,000		1,550,000						1,550,000
			0						0
			0						0
			0						0
Total Funds	2,450,000	0	2,450,000	0	0	0	0	0	2,450,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$13,578

Annual Operating/Maintenance Cost: N/A

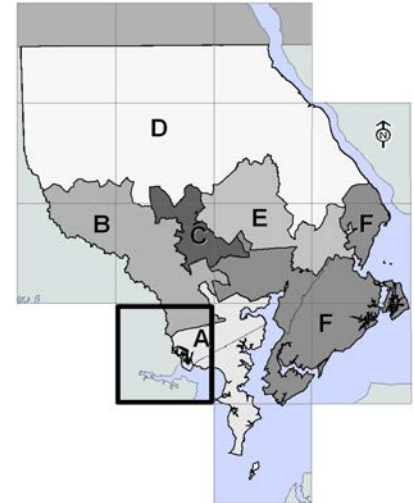
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,450,000
Encumbered	0
Total	\$2,450,000

PROJECT: Joppa Magnolia Fire Station Expansion**VOLUNTEER FIRE COMPANIES****COUNCIL DISTRICT: B****LOCATION: Joppa****E144105****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for the expansion and renovation of the Joppa Magnolia Volunteer Fire Station. Work is to include expanding the existing building to a two story building that will house new storage areas, training rooms, and bunk areas.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	700,000		700,000						700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	700,000	0	700,000	0	0	0	0	0	700,000

FUNDING SCHEDULE

R8750 Paygo	700,000		700,000						700,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	700,000	0	700,000	0	0	0	0	0	700,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

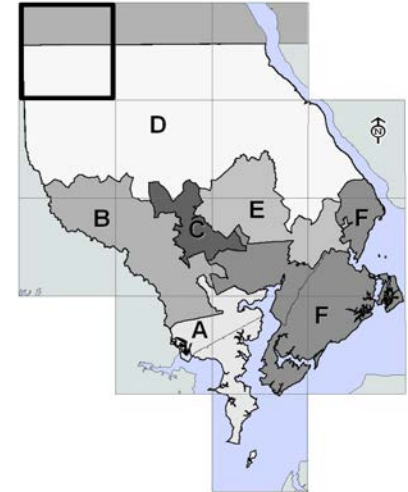
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Norrisville Station**VOLUNTEER FIRE COMPANIES****COUNCIL DISTRICT: D****LOCATION: Norrisville****E124110****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for the renovation of the fire station at Norrisville. The "old" section that has not been renovated houses administrative areas, bunk areas, bathrooms, classrooms, storage, and other pertinent areas.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	875,000		875,000						875,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	875,000	0	875,000	0	0	0	0	0	875,000

FUNDING SCHEDULE

R8750 Paygo	875,000		875,000						875,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	875,000	0	875,000	0	0	0	0	0	875,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	875,000
Encumbered	0
Total	\$875,000

PROJECT: 700 MHz Wireless Radio System Equipment**EMERGENCY SERVICES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****E094110****PROJECT DESCRIPTION / JUSTIFICATION:**

Funding to upgrade sites and equipment to accommodate 700 and 800 MHz channels and to comply with APCO P-25 technology standards. These upgrades are needed in order to ensure interoperability with surrounding jurisdictions and the regional radio systems. This is a federally mandated project.

PROJECT SCHEDULE:

FY 16: additional public safety/service radios & GPS upgrades

FY 17: additional public safety/service radios & GPS upgrades

**PROJECT STATUS:**

Project is on schedule. The systems have been merged.

Upgrading of subscriber radios is about 70% complete.

Due to additional federal mandates, this project will most likely be ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	21,693,992		21,693,992						21,693,992
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	21,693,992	0	21,693,992	0	0	0	0	0	21,693,992

FUNDING SCHEDULE

R7100 Prior Bonds	17,000,000		17,000,000						17,000,000
R8750 Paygo	3,625,000		3,625,000						3,625,000
R3199 Federal Other	1,068,412		1,068,412						1,068,412
R3399 State Other	580		580						580
			0						0
			0						0
Total Funds	21,693,992	0	21,693,992	0	0	0	0	0	21,693,992

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,516,808

Annual Operating/Maintenance Cost: \$200,000

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	16,416,354
Encumbered	4,341,522
Total	\$20,757,876

PROJECT: TRT Equipment**EMERGENCY SERVICES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****E144135****PROJECT DESCRIPTION / JUSTIFICATION:**

This project was created to provide funding to purchase equipment for the newly organized Technical Response Team (TRT) and to have funding available if equipment is destroyed during a rescue event. This funding was previously budgeted in the VFC Association's yearly allocation.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This is an on-going project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	160,000		160,000						160,000
Total Cost	160,000	0	160,000	0	0	0	0	0	160,000

FUNDING SCHEDULE

R8750 Paygo	160,000		160,000						160,000
R6340 Corporate/Business			0						0
R3399 State Other			0						0
R3199 Federal Other			0						0
Total Funds	160,000	0	160,000	0	0	0	0	0	160,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	6,245
Encumbered	0
Total	\$6,245

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

GENERAL FUND

HARFORD COMMUNITY COLLEGE

Outyear Projects:

Fallston Hall Renovation	7,136,000	0	0	585,000	5,851,000	700,000	0	0

Open Projects:

Belcamp Renovation	150,000	150,000	0	0	0	0	0	0
Computer Equipment/Technology	1,124,835	1,124,835	0	0	0	0	0	0
Edgewood Hall Renovation/Expansion	8,632,000	8,632,000	0	0	0	0	0	0
Maryland Hall Conversion	305,000	305,000	0	0	0	0	0	0
New Nursing & Allied Health	19,781,467	19,781,467	0	0	0	0	0	0
Susquehanna Roof Replacement	450,000	450,000	0	0	0	0	0	0

College Total by Project	37,579,302	30,443,302	0	585,000	5,851,000	700,000	0	0

Paygo	0	0	0	0	0	0	0	0
Future Bonds	3,275,424	0	0	268,515	2,685,609	321,300	0	0
Prior Bonds	11,663,000	11,663,000	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
State	20,611,043	16,750,467	0	316,485	3,165,391	378,700	0	0
Other	2,029,835	2,029,835	0	0	0	0	0	0

College Total by Fund	37,579,302	30,443,302	0	585,000	5,851,000	700,000	0	0

OUTYEAR PROJECTS

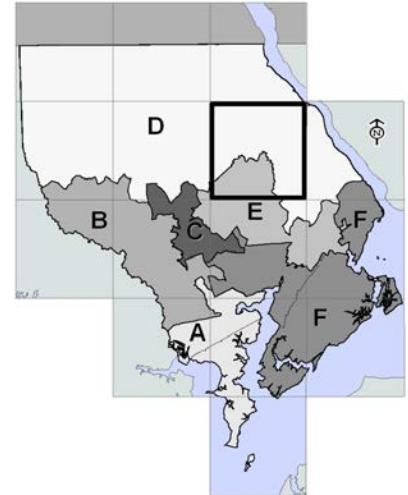
FY 18 - FY 22

PROJECT: Fallston Hall Renovations**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville****New****PROJECT DESCRIPTION / JUSTIFICATION:**

Capital renovation of the 24,728 GSF classroom building. The project will include updating of the building's life safety systems; HVAC replacements to include chiller, boiler and ATC system; upgrade of the building's elevator, lighting and plumbing systems; updating building telecommunications and classroom technology; and interior architectural changes to meet the evolving needs of the users.

PROJECT SCHEDULE:

FY 18: Design
 FY 19: Construction
 FY 20: Equipping

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	585,000					585,000
Land Acquisition			0						0
Construction			0		5,851,000				5,851,000
Inspection Fees			0						0
Equipment/Furnishing			0			700,000			700,000
Total Cost	0	0	0	585,000	5,851,000	700,000	0	0	7,136,000

FUNDING SCHEDULE

R7000 Future Bonds			0	268,515	2,685,609	321,300			3,275,424
R7920 State Bonds			0	316,485	3,165,391	378,700			3,860,576
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	585,000	5,851,000	700,000	0	0	7,136,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended
 Encumbered
 Total \$0

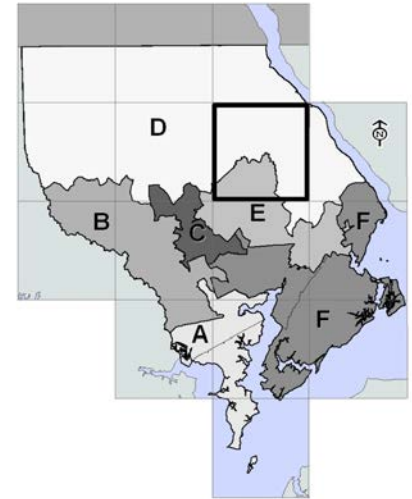
OPEN/ACTIVE PROJECTS

PROJECT: Belcamp Renovation**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville****PROJECT DESCRIPTION / JUSTIFICATION:**

As the nursing program relocates to a new facility in FY 2014, Belcamp will require a few modest renovations as its interior space is reconfigured to accommodate relocation of the Public Safety Department. Work will consist of interior wall movements, lighting, plumbing and mechanical system changes. The space will first be used to accommodate occupants of Edgewood Hall during that renovation period.

PROJECT SCHEDULE:

FY 15: Design, construction, and equipping

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	125,000		125,000						125,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	150,000	0	150,000	0	0	0	0	0	150,000

FUNDING SCHEDULE

R6999 Other HCC	150,000		150,000						150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	0	150,000	0	0	0	0	0	150,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

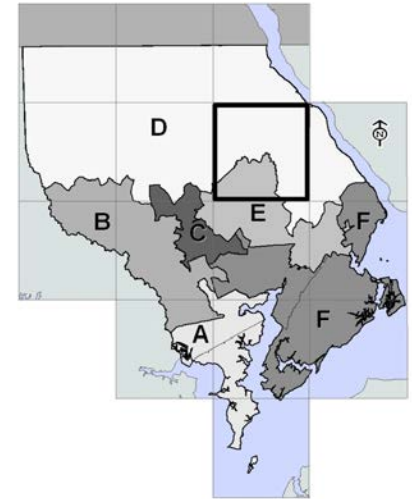
Expended

Encumbered

Total \$0

PROJECT: Computer Equipment/Technology**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville****CC13004****PROJECT DESCRIPTION / JUSTIFICATION:**

The College uses the dedicated technology component of the consolidated fee to fund this capital program to support technology refresh, network and ISP access improvements. College funds are also used to enable projects to be completed in support of students, faculty and staff. The College has remote backup at the University Center for the Banner Enterprise Resource Planning system and other essential servers in the Library Data Center.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Ongoing equipment replacement

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,124,835		1,124,835						1,124,835
Total Cost	1,124,835	0	1,124,835	0	0	0	0	0	1,124,835

FUNDING SCHEDULE

R6999 Other HCC	1,124,835		1,124,835						1,124,835
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,124,835	0	1,124,835	0	0	0	0	0	1,124,835

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

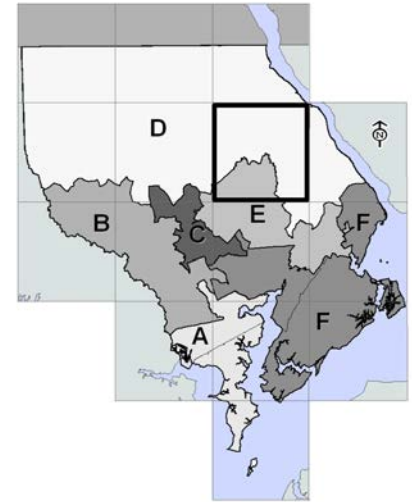
Encumbered

Total \$0

PROJECT: Edgewood Hall Renovation & Expansion**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville****C144106****PROJECT DESCRIPTION / JUSTIFICATION:**

This project has been moved up on the Facilities Master Plan due to systemic problems. The project will consist of a major renovation to solve these problems and add two small additions to meet programmatic needs resulting in a building that will serve the College's needs for the next 25 years. The two most critical systemic issues are the roofing and the HVAC systems. The seamed metal roof is rusting where it meets the concealed drain. A major leak caused collapsing ceiling tiles during severe weather. The two pipe HVAC system needs to be replaced with a four pipe system and wall units replaced with VAV boxes. During renovation sinks will be added in critical classrooms, flooring, paint, ceiling tiles, and bathroom fixtures will be replaced. Expansion will add two new multipurpose labs, a computer classroom, a small office addition, and a telecomm closet.

Per Bill No. 15-037 transfer \$3,500,000 in Prior Bonds appropriation authority from the General Capital Project - Harford County Southern Resource Annex to the Harford Community College Capital Project - Edgewood Hall Renovation & Expansion.

**PROJECT SCHEDULE:**

FY 14: Design

FY 15: Construction

FY 16: Equipping

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	632,000		632,000						632,000
Land Acquisition			0						0
Construction	8,000,000		8,000,000						8,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,632,000	0	8,632,000	0	0	0	0	0	8,632,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,772,000		3,772,000						3,772,000
R7920 State Bonds	4,860,000		4,860,000						4,860,000
			0						0
			0						0
			0						0
			0						0
Total Funds	8,632,000	0	8,632,000	0	0	0	0	0	8,632,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$374,260

Annual Operating/Maintenance Cost: N/A

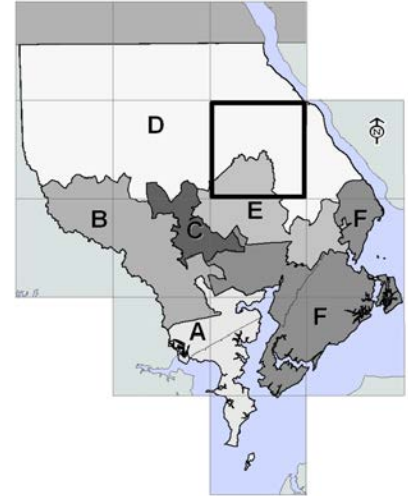
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	272,000
Encumbered	0
Total	\$272,000

PROJECT: Maryland Hall Conversion**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville****CC13003****PROJECT DESCRIPTION / JUSTIFICATION:**

As the nursing program relocates to a new facility in FY 2014, Maryland Hall will require a few modest renovations as its intended functionality changes to meet student needs. While the intended use for Maryland Hall has not been decided, funds need to be budgeted to enable changes to be implemented. The need for a large classroom for up to 100 people with modular walls has been mentioned as one possible need along with breakout rooms and offices.

**PROJECT SCHEDULE:**

FY 15: Design, construction, and equipping

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	30,000		30,000						30,000
Land Acquisition			0						0
Construction	275,000		275,000						275,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	305,000	0	305,000	0	0	0	0	0	305,000

FUNDING SCHEDULE

R6999 Other HCC	305,000		305,000						305,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	305,000	0	305,000	0	0	0	0	0	305,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

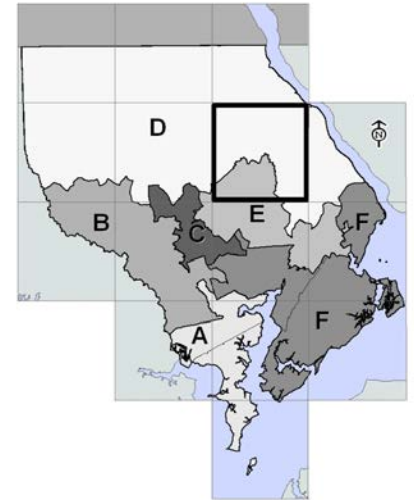
Expended

Encumbered

Total \$0

PROJECT: New Nursing and Allied Health Building**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville****C124113****PROJECT DESCRIPTION / JUSTIFICATION:**

New facility to provide adequate classroom and laboratory teaching space for current and future expansion of existing credit and non-credit nursing and allied health programs. The project will also support the office needs of the faculty, administrative, and support staff who serve these programs. Estimated size is 37,500 GSF and is planned to be located on the main campus. Collaboration with Upper Chesapeake Health Systems is encouraged. The college currently supports five nursing and allied health labs; three primarily dedicated to credit programs and two primarily dedicated to non-credit programs. Data and experience indicate that increasing the number of training labs to ten will allow the College to eventually double the number of yearly graduates as RN nurses, medical assistants, and other healthcare professionals. The building will also contain 15 additional faculty offices. FY 16 funding is to construct a right turn lane on Route 22 on Thomas Run Road and construct a right turn lane on Thomas Run Road at entrance two. This work is required by State Highway Administration and Harford County due to increased traffic associated with Darlington Hall, the Susquehanna Center and the Arena.

**PROJECT SCHEDULE:**

FY 16: Construction of right turn lanes

PROJECT STATUS:

Design is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,090,492		1,090,492						1,090,492
Land Acquisition			0						0
Construction	16,790,975		16,790,975						16,790,975
Inspection Fees			0						0
Equipment/Furnishing	1,900,000		1,900,000						1,900,000
Total Cost	19,781,467	0	19,781,467	0	0	0	0	0	19,781,467

FUNDING SCHEDULE

R7100 Prior Bonds	7,891,000		7,891,000						7,891,000
R7920 State Bonds	11,890,467		11,890,467						11,890,467
			0						0
			0						0
			0						0
			0						0
Total Funds	19,781,467	0	19,781,467	0	0	0	0	0	19,781,467

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$669,662

Annual Operating/Maintenance Cost: \$43,560

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

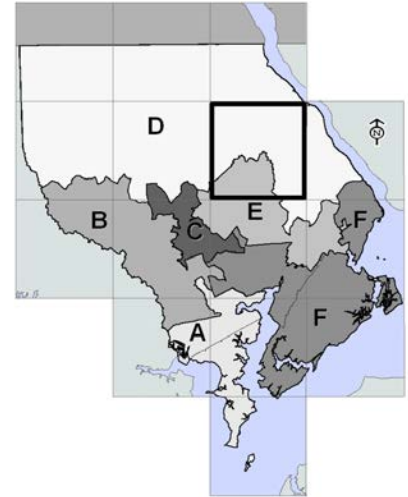
Expended	7,566,000
Encumbered	0
Total	\$7,566,000

PROJECT: Susquehanna Roof Replacement**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville****PROJECT DESCRIPTION / JUSTIFICATION:**

Project consists of replacing roof over the original Susquehanna Center. This roof was not replaced as part of the building's renovation relating to a survey which identified it could last several more years. The roof is experiencing multiple leaks and dates back to 1990.

PROJECT SCHEDULE:

FY 15: Design, construction and equipping

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	400,000		400,000						400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	450,000	0	450,000	0	0	0	0	0	450,000

FUNDING SCHEDULE

R6999 Other HCC	450,000		450,000						450,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	450,000	0	450,000	0	0	0	0	0	450,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM				
					FY 2019	FY 2020	FY 2021	FY 2022	

GENERAL FUND

LIBRARIES

FY 17 Funded Projects:

Facilities Maintenance and Repairs	111,868	252,647	(140,779)	0	0	0	0	0
Facilities Renovations	26,544	250,000	(223,456)	0	0	0	0	0
Technology	1,559,100	509,100	50,000	200,000	200,000	200,000	200,000	200,000

Open Projects:

Aberdeen Branch - Expansion	56,000	56,000	0	0	0	0	0	0
Darlington Branch - Expansion	56,000	56,000	0	0	0	0	0	0
HdG Branch Expansion	9,020,000	9,020,000	0	0	0	0	0	0
Joppa Branch - Central Dehumidification	100,000	100,000	0	0	0	0	0	0
Whiteford Expansion	4,238,200	4,238,200	0	0	0	0	0	0

Libraries Total by Project	15,167,712	14,481,947	(314,235)	200,000	200,000	200,000	200,000	200,000

Paygo	2,528,547	1,478,547	50,000	200,000	200,000	200,000	200,000	200,000
Prior Paygo		0	(364,235)					
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	10,703,400	10,703,400	0	0	0	0	0	0
State	1,000,000	1,000,000	0	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Other	900,000	900,000	0	0	0	0	0	0

Libraries Total by Fund	15,167,712	14,481,947	(314,235)	200,000	200,000	200,000	200,000	200,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
LIBRARIES													
Facility Maintenance and Repairs	(140,779)	(140,779)	0	0	0	0	0	0	0	0	0	0	0
Facility Renovations	(223,456)	(223,456)	0	0	0	0	0	0	0	0	0	0	0
Technology	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	(314,235)	(364,235)	50,000	0	0	0	0	0	0	0	0	0	0

PROJECT: Facilities Maintenance and Repairs**LIBRARIES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****L054108****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for the replacement, renovation and repairs of county library building systems (site, roofing, structural, exterior, interior, mechanical, plumbing, electrical, fire/life safety, and conveyances).

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit.

Prior Paygo funding in the amount of \$140,779 was reappropriated to the General Capital Project - Safeguarding Business Operations.

EXPENDITURE SCHEDULE:

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	252,647	(140,779)	111,868						111,868
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	252,647	(140,779)	111,868	0	0	0	0	0	111,868

FUNDING SCHEDULE

R8750 Paygo	252,647		252,647						252,647
R8750 Prior Paygo		(140,779)	(140,779)						(140,779)
			0						0
			0						0
			0						0
			0						0
Total Funds	252,647	(140,779)	111,868	0	0	0	0	0	111,868

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	103,471
Encumbered	0
Total	\$103,471

PROJECT: Facility Renovations**LIBRARIES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****L094117****PROJECT DESCRIPTION / JUSTIFICATION:**

Currently HCPL operates a central administrative office and 11 branches throughout the County. Many of these facilities are in need of renovation and refurbishment. HCPL is requesting funds to renovate/refurbish one location each year for the next several years. Improvements would include, for example, replacing carpet, patching and painting walls, installing lighting upgrades, replacing worn out furniture, etc. HCPL receives over 1.99 million visitors each year.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project will be closed and removed from the Capital Improvement Program following completion of the audit. Prior Paygo funding in the amount of \$223,456 was reappropriated to the General Capital Project - Safeguarding Business Operations.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	150,000	(223,456)	(73,456)						(73,456)
Inspection Fees			0						0
Equipment/Furnishing	100,000		100,000						100,000
Total Cost	250,000	(223,456)	26,544	0	0	0	0	0	26,544

FUNDING SCHEDULE

R8750 Paygo	250,000		250,000						250,000
R8750 Prior Paygo		(223,456)	(223,456)						(223,456)
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	(223,456)	26,544	0	0	0	0	0	26,544

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 26,544

Encumbered

Total \$26,544

PROJECT: Technology

LIBRARIES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

L124118

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for replacing public and staff computers for the branches and the administrative office, primarily on a three to four year cycle. FY 17 includes a PC refresh for the Norrisville branch and Riverside as well as the replacement of the print management system. Additionally, the Library is requesting network infrastructure replacement and upgrades (e.g. port switches, routers, servers, cabling, storage racks), replacement computer monitors and printers, self-checkout equipment for the branches, RFID security equipment and upgrades.

PROJECT SCHEDULE:

Ongoing

PROJECT STATUS:

This project is active.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	509,100	50,000	559,100	200,000	200,000	200,000	200,000	200,000	1,559,100
Total Cost	509,100	50,000	559,100	200,000	200,000	200,000	200,000	200,000	1,559,100

FUNDING SCHEDULE

R8750 Paygo	509,100	50,000	559,100	200,000	200,000	200,000	200,000	200,000	1,559,100
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	509,100	50,000	559,100	200,000	200,000	200,000	200,000	200,000	1,559,100

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

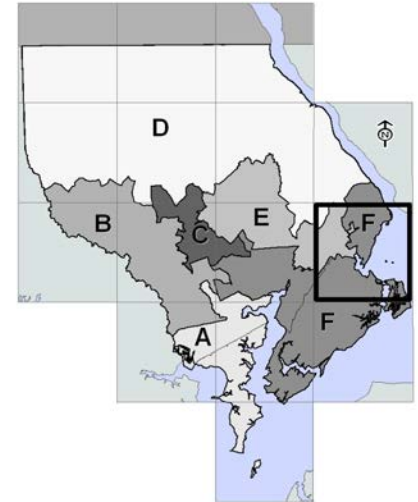
Financial Activity as of 1/5/16:

Expended	477,557
Encumbered	0
Total	<u>\$477,557</u>

OPEN/ACTIVE PROJECTS

PROJECT: Aberdeen Branch - Expansion**LIBRARIES****COUNCIL DISTRICT: E****LOCATION: Aberdeen****L124115****PROJECT DESCRIPTION / JUSTIFICATION:**

Customer demands on this branch are exceeding its capacity due primarily to its close proximity to APG and the impact of BRAC. Harford County Public Library (HCPL) desires to expand this facility by 2,500 square feet, add a science learning center of 2,500 square feet geared to elementary and middle school students, and increase parking resources. The science center's goal will be to nurture the scientific interests of young children to complement the STEM initiatives being undertaken in HCPS, in the Chesapeake Science and Security Corridor, and by other groups. The branch will also house an early literacy and learning area (2,500 sf). Total projected square footage is 21,700.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	56,000		56,000						56,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	56,000	0	56,000	0	0	0	0	0	56,000

FUNDING SCHEDULE

R8750 Paygo	56,000		56,000						56,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	56,000	0	56,000	0	0	0	0	0	56,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

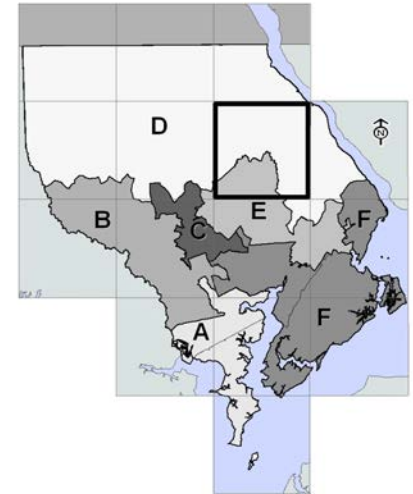
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	46,360
Encumbered	0
Total	\$46,360

PROJECT: Darlington Branch - Expansion**LIBRARIES****COUNCIL DISTRICT: D****LOCATION: Darlington****L124116****PROJECT DESCRIPTION / JUSTIFICATION:**

The Darlington Branch operates out of a modular facility (approximately 1,400 square feet) which is very cramped and undersized. A feasibility study has been completed as of September 2015 to determine the nature and extent of the expansion. The feasibility study will also provide evaluation and assessment to determine if a joint use facility is best suited for this area. A model size facility totaling 15,909 square feet is currently being used as a basis for estimating design and construction costs.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	56,000		56,000						56,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	56,000	0	56,000	0	0	0	0	0	56,000

FUNDING SCHEDULE

R8750 Paygo	56,000		56,000						56,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	56,000	0	56,000	0	0	0	0	0	56,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

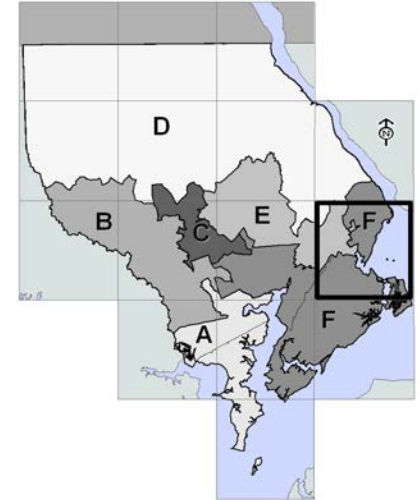
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	33,845
Encumbered	0
Total	\$33,845

PROJECT: Havre de Grace Expansion**LIBRARIES****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****L124117****PROJECT DESCRIPTION / JUSTIFICATION:**

A feasibility study was completed in February 2009. The related report indicated the Branch is undersized and cramped. The consultant recommended expanding the Branch from 8,420 square feet to approximately 15,000 square feet. Feasibility (\$52,000) and design (\$535,000) funds totaling \$587,000 were appropriated in prior years. Construction funding, inspection fees, and equipment/furnishing funds totaling \$7,185,000 were appropriated in FY 15. Equipment and furnishing consists of \$750,000 for furniture/shelving and \$600,000 for additional collection materials.

**PROJECT SCHEDULE:**

FY 09: Feasibility study
 FY14: Design
 FY15- FY 16: Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	535,000		535,000						535,000
Land Acquisition			0						0
Construction	5,548,631		5,548,631						5,548,631
Inspection Fees	286,369		286,369						286,369
Equipment/Furnishing	2,650,000		2,650,000						2,650,000
Total Cost	9,020,000	0	9,020,000	0	0	0	0	0	9,020,000

FUNDING SCHEDULE

R7100 Prior Bonds	6,720,000		6,720,000						6,720,000
R3199 Federal Other - CDBG	400,000		400,000						400,000
R6999 Other - Library	300,000		300,000						300,000
R3399 State Other	1,000,000		1,000,000						1,000,000
R6320 Contributions & Donations	600,000		600,000						600,000
			0						0
Total Funds	9,020,000	0	9,020,000	0	0	0	0	0	9,020,000

OPERATING BUDGET IMPACT:

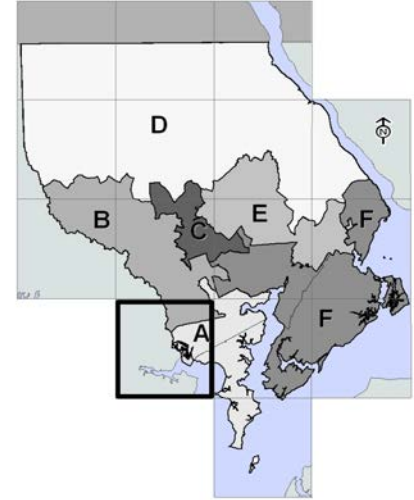
Estimated Annual Debt Service Cost: \$629,162
 Annual Operating/Maintenance Cost: \$307,520; approximately 6 months beginning in FY 16 (\$153,760), and a full year beginning in FY 17 (\$307,520)
 New Positions (FTE's): 5, beginning in FY 16

Financial Activity as of 1/5/16:

Expended	995,481
Encumbered	6,388,792
Total	\$7,384,273

PROJECT: Joppa Branch - Centralized Dehumidification**LIBRARIES****COUNCIL DISTRICT: A****LOCATION: Joppatowne****L154105****PROJECT DESCRIPTION / JUSTIFICATION:**

Excessive humidity has been a longstanding issue at the Branch for many years. Mold and mildew remediation efforts have been undertaken at the Branch twice within the past three years. Despite seven dehumidifiers being in use during the summer months, humidity levels remain high. A level of 60% and above is not unusual, compared to an acceptable range of 30% to 50%. A mechanical engineering firm is currently evaluating the sources of humidity, with the ultimate objective to design and install a centralized dehumidification system.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	75,000		75,000						75,000
Total Cost	100,000	0	100,000	0	0	0	0	0	100,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	0	0	0	0	100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 34,780

Encumbered 15,137

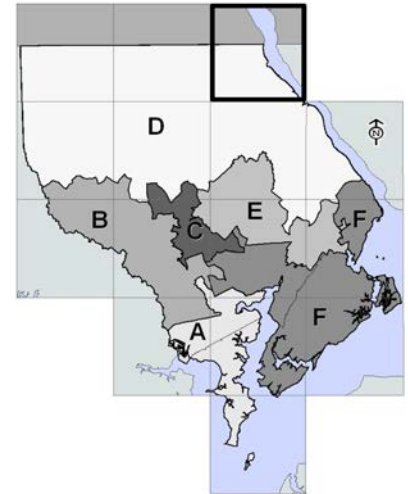
Total \$49,917

PROJECT: Whiteford Library Expansion**LIBRARIES****COUNCIL DISTRICT: D****LOCATION: Whiteford****L074117****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funding for an expansion of the Whiteford Branch from 7,300 square feet to 13,278 square feet. Funding provided for construction, additional shelving, new furniture, and collection materials which are to be acquired over multiple years. Approximately \$2,000 is yet to be spent on additional collection materials. The building renovation was completed in 2010.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project remains active but is 99% complete.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	159,800		159,800						159,800
Land Acquisition			0						0
Construction	4,078,400		4,078,400						4,078,400
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,238,200	0	4,238,200	0	0	0	0	0	4,238,200

FUNDING SCHEDULE

R8750 Paygo	254,800		254,800						254,800
R7100 Prior Bonds	3,983,400		3,983,400						3,983,400
			0						0
			0						0
			0						0
			0						0
Total Funds	4,238,200	0	4,238,200	0	0	0	0	0	4,238,200

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$435,109

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	4,238,200
Encumbered	0
Total	\$4,238,200



Abingdon Library

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

GENERAL FUND

BOARD OF EDUCATION

FY 17 Funded Projects

Darlington ES Comprehensive HVAC Systemic Project	3,467,948	2,138,000	1,329,948	0	0	0	0	0
Joppatowne Elementary Modernization	13,533,863	13,533,863	0	0	0	0	0	0
Replacement Buses	12,325,197	11,325,197	1,000,000	0	0	0	0	0
Riverside ES HVAC	8,780,000	0	8,780,000	0	0	0	0	0
Roof Replacement - Joppatowne High School	2,400,000	0	2,400,000	0	0	0	0	0
William Paca/Old Post ES Open Space Enclosure	2,417,000	0	2,417,000	0	0	0	0	0
William S. James Open Space Enclosure Project	1,400,000	0	1,400,000	0	0	0	0	0
Youth's Benefit Elementary School Replacement	48,376,866	45,957,866	2,419,000	0	0	0	0	0

Outyear Projects:

Athletic Fields Repair and Restoration	787,000	487,000	0	100,000	100,000	100,000	0	0
Havre de Grace Middle/High School Replacement	86,801,000	3,950,000	0	35,000,000	37,901,000	9,950,000	0	0
Major HVAC Repairs	11,688,586	8,688,586	0	0	0	1,000,000	1,000,000	1,000,000
Major Roof Repair/Replacement	4,500,000	0	0	0	0	1,500,000	1,500,000	1,500,000
Technology Infrastructure 04	19,285,802	14,285,802	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Open Projects:

Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Aberdeen High School Stadium & Weight Room Upgrades	1,600,000	1,600,000	0	0	0	0	0	0
ADA Improvements	600,000	600,000	0	0	0	0	0	0
Backflow Prevention	600,000	600,000	0	0	0	0	0	0
Building Envelope Improvements	700,000	700,000	0	0	0	0	0	0
Career and Technology Education Equipment Refresh	500,000	500,000	0	0	0	0	0	0
Center for Educational Opportunity - HVAC	4,625,000	4,625,000	0	0	0	0	0	0
Churchville Elementary School Roof Replacement	825,000	825,000	0	0	0	0	0	0
Deerfield Elementary School Replacement	31,734,200	31,734,200	0	0	0	0	0	0
Dublin Elementary School Boiler Replacement	244,112	244,112	0	0	0	0	0	0
Dublin Elementary School Comp HVAC Systemic Project	3,994,000	3,994,000	0	0	0	0	0	0
Edgewood High School Replacement	83,581,790	83,581,790	0	0	0	0	0	0
Edgewood Middle School - Computer Laboratory	115,000	115,000	0	0	0	0	0	0
Energy Efficiency Initiative Projects	4,988,091	4,988,091	0	0	0	0	0	0
Environmental Compliance	1,497,619	1,497,619	0	0	0	0	0	0
Equipment and Furniture Replacement	1,055,000	1,055,000	0	0	0	0	0	0
Fallston High School Autism Renovation	250,000	250,000	0	0	0	0	0	0
Fallston High School Comprehensive HVAC Systemic	17,846,940	17,846,940	0	0	0	0	0	0
Fire Alarm and ER Communication	1,075,000	1,075,000	0	0	0	0	0	0
Floor Covering Replacement	100,000	100,000	0	0	0	0	0	0
Havre de Grace High School Field Facilities	1,313,770	1,313,770	0	0	0	0	0	0
Integrated Business Systems	403,000	403,000	0	0	0	0	0	0
Jarrettsville Elementary School Comprehensive HVAC	3,700,000	3,700,000	0	0	0	0	0	0

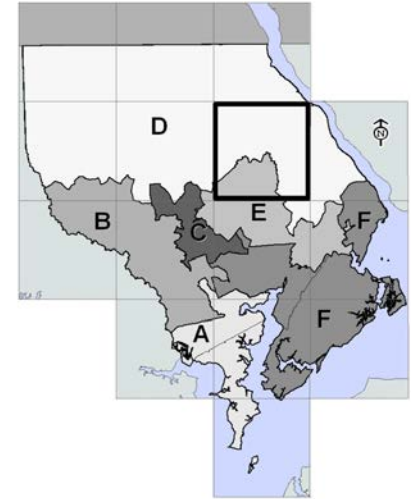
HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
BOARD OF EDUCATION								
Joppatowne High School Systemic Project	13,673,000	13,673,000	0	0	0	0	0	0
Magnolia Middle School Comprehensive HVAC	11,061,554	11,061,554	0	0	0	0	0	0
Music Equipment Refresh Program 05	575,000	575,000	0	0	0	0	0	0
Music Equipment Refresh Program 14	50,000	50,000	0	0	0	0	0	0
Music Technology Labs Program	345,000	345,000	0	0	0	0	0	0
Norrisville ES Comprehensive HVAC Systemic Project	3,455,700	3,455,700	0	0	0	0	0	0
North Harford High School Modernization	31,873,132	31,873,132	0	0	0	0	0	0
North Harford Middle School Water System	261,114	261,114	0	0	0	0	0	0
North Harford Middle School Domestic Water Improvement	1,000,000	1,000,000	0	0	0	0	0	0
Outdoor Track Reconditioning	200,000	200,000	0	0	0	0	0	0
Paving - Overlay and Maintenance	1,430,630	1,430,630	0	0	0	0	0	0
Playground Equipment	350,000	350,000	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	4,685,000	0	0	0	0	0	0
Prospect Mill Elementary School	1,986,241	1,986,241	0	0	0	0	0	0
Red Pump Road Elementary School	29,837,480	29,837,480	0	0	0	0	0	0
Replacement Vehicles	6,084,396	6,084,396	0	0	0	0	0	0
Ring Factory Elementary School HVAC Equipment	1,099,000	1,099,000	0	0	0	0	0	0
Security Initiative Program for Schools	1,728,000	1,728,000	0	0	0	0	0	0
Security Measures	1,735,000	1,735,000	0	0	0	0	0	0
Septic Code Facility Upgrade	4,910,592	4,910,592	0	0	0	0	0	0
Stadium Upgrades - Joppatowne High School	300,000	300,000	0	0	0	0	0	0
Stormwater Management, Erosion, Sediment Control	725,000	725,000	0	0	0	0	0	0
Technology Education Lab Refresh	250,000	250,000	0	0	0	0	0	0
Textbook/Supplemental Materials Refresh	5,300,000	5,300,000	0	0	0	0	0	0
William Paca Elementary School HVAC	3,955,057	3,955,057	0	0	0	0	0	0
Education Total by Project	504,647,680	389,250,732	19,745,948	36,100,000	39,001,000	13,550,000	3,500,000	3,500,000
Paygo	30,153,921	23,836,973	1,016,948	1,100,000	1,100,000	1,100,000	1,000,000	1,000,000
Future Bonds	83,637,000		10,600,000	26,322,000	31,515,000	11,700,000	1,750,000	1,750,000
Prior Bonds	241,781,426	241,781,426	0	0	0	0	0	0
Reappropriated	11,987,000	11,987,000	0	0	0	0	0	0
Transfer Tax	12,937,026	12,937,026	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	96,546,700	71,103,700	8,129,000	8,678,000	6,386,000	750,000	750,000	750,000
Other	22,494,857	22,494,857	0	0	0	0	0	0
Lease Purchase	5,109,750	5,109,750	0	0	0	0	0	0
Education Total by Fund	504,647,680	389,250,732	19,745,948	36,100,000	39,001,000	13,550,000	3,500,000	3,500,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>GENERAL FUND</u>													
BOARD OF EDUCATION													
Darlington Elementary School Comp HVAC Systemic Project	1,329,948	0	0	16,948	398,000	0	0	0	915,000	0	0	0	0
Joppatowne Elementary School	0	0	16,948	(16,948)	0	0	0	0	0	0	0	0	0
Replacement Buses	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0
Riverside ES HVAC Systemic Renovation	8,780,000	0	0	0	4,716,000	0	0	0	4,064,000	0	0	0	0
Roof Replacement - Joppatowne High School	2,400,000	0	0	0	1,115,000	0	0	0	1,285,000	0	0	0	0
William Paca/Old Post ES Open Space Enclosure	2,417,000	0	0	0	1,261,000	0	0	0	1,156,000	0	0	0	0
William S. James ES Open Space Enclosure Project	1,400,000	0	0	0	691,000	0	0	0	709,000	0	0	0	0
Youth's Benefit Elementary School Replacement	2,419,000	0	0	0	2,419,000	0	0	0	0	0	0	0	0
SUB-TOTAL BOARD OF EDUCATION	19,745,948	0	1,016,948	0	10,600,000	0	0	0	8,129,000	0	0	0	0

PROJECT: Darlington Elementary School Comprehensive HVAC Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Darlington****B154106****PROJECT DESCRIPTION / JUSTIFICATION:**

Originally built in 1938 at 13,660 square feet, Darlington Elementary School underwent a renovation and building additions of 10,265 square feet in 1966. A building renovation in 1995 added air conditioning to the original building and replaced one of the boilers. This HVAC renovation consisted of unit ventilators with hot water heat and individual residential size condensing units with rudimentary controls. A 1999 HVAC upgrade added cooling to the 1966 addition by adding an air cooled chiller, creating a four pipe system with new unit ventilators in the classroom and academic support spaces. The school continues to operate on two separate systems and no centralized controls system. Temperature fluctuations and humidity are a problem, and both systems have outlived their useful life. This project will put the building on one system, provide dedicated outside air units, energy recovery, and building controls.

**PROJECT SCHEDULE:**

Re-bid Spring of 2016. Award contract - May, 2016; Complete construction December, 2016.

PROJECT STATUS:

Prior Bond funding in the amount of \$16,948 has been reallocated from the Joppatowne Elementary School capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	1,806,460	1,329,948	3,136,408						3,136,408
Inspection Fees	131,540		131,540						131,540
Equipment/Furnishing			0						0
Total Cost	2,138,000	1,329,948	3,467,948	0	0	0	0	0	3,467,948

FUNDING SCHEDULE

R7920 State Bonds	603,000	915,000	1,518,000						1,518,000
R7100 Prior Bonds	1,535,000	16,948	1,551,948						1,551,948
R7000 Future Bonds		398,000	398,000						398,000
			0						0
			0						0
			0						0
Total Funds	2,138,000	1,329,948	3,467,948	0	0	0	0	0	3,467,948

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$151,589

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	139,050
Encumbered	0
Total	\$139,050

PROJECT: Joppatowne Elementary Modernization**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****B004114****PROJECT DESCRIPTION / JUSTIFICATION:**

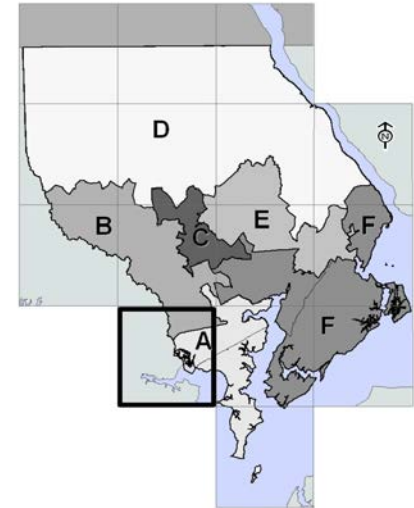
This project provided funding for the repair of mechanical, electrical, fire alarm, and other systems within the Joppatowne Elementary School. The media center, other instructional spaces, and ancillary spaces were also modernized.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is occupied and 98% complete.

Contract close out has not been completed.

This is to correct an accounting issue.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	13,533,863		13,533,863						13,533,863
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	13,533,863	0	13,533,863	0	0	0	0	0	13,533,863

FUNDING SCHEDULE

R1525 Transfer Tax	466		466						466
R6999 Other	1,722,000		1,722,000						1,722,000
R7100 Prior Bonds	10,787,034	(16,948)	10,770,086						10,770,086
R8026 Reappropriated Transfer Tax	1,016,311		1,016,311						1,016,311
R8750 Paygo	8,052	16,948	25,000						25,000
			0						0
Total Funds	13,533,863	0	13,533,863	0	0	0	0	0	13,533,863

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$952,427

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	11,811,863
Encumbered	0
Total	<u>\$11,811,863</u>

PROJECT: Replacement Buses**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B024118****PROJECT DESCRIPTION / JUSTIFICATION:**

These buses will comply with Federal regulations and meet the IEP requirements of special needs transportation. The State Department of Education requires that school systems replace buses after 12 years of use.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	11,325,197	1,000,000	12,325,197						12,325,197
Total Cost	11,325,197	1,000,000	12,325,197	0	0	0	0	0	12,325,197

FUNDING SCHEDULE

R8750 Paygo	7,426,574	1,000,000	8,426,574						8,426,574
R6999 Other	2,582,000		2,582,000						2,582,000
R7100 Prior Bonds	1,316,623		1,316,623						1,316,623
			0						0
			0						0
			0						0
Total Funds	11,325,197	1,000,000	12,325,197	0	0	0	0	0	12,325,197

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$59,169

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

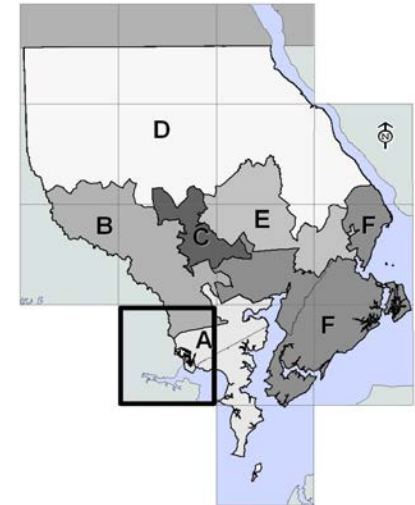
Expended	8,000,482
Encumbered	0
Total	\$8,000,482

PROJECT: Riverside ES HVAC Systemic Renovation**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will replace the HVAC system throughout the school. It will also replace exterior doors and windows for the original elementary school and kindergarten building. The public bathrooms will be upgraded to be ADA accessible, fire sprinkler service will be extended to serve all interior spaces. LED lighting upgrades will be considered as an add alternate. Paving will be considered as an alternate. A back up generator for the school and compliance with MEMA will also be considered under this project. A new HVAC system will provide improved comfort, humidity control, greater energy efficiency and centralized systems controls.

PROJECT SCHEDULE:

Design summer/fall 2016. Bid spring of 2017. Construction to begin summer 2017 and be completed in the summer of 2018.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		660,000	660,000						660,000
Land Acquisition			0						0
Construction		7,920,000	7,920,000						7,920,000
Inspection Fees		200,000	200,000						200,000
Equipment/Furnishing			0						0
Total Cost	0	8,780,000	8,780,000	0	0	0	0	0	8,780,000

FUNDING SCHEDULE

R7000 Future Bonds		4,716,000	4,716,000						4,716,000
R7920 State Bonds		4,064,000	4,064,000						4,064,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	8,780,000	8,780,000	0	0	0	0	0	8,780,000

OPERATING BUDGET IMPACT:

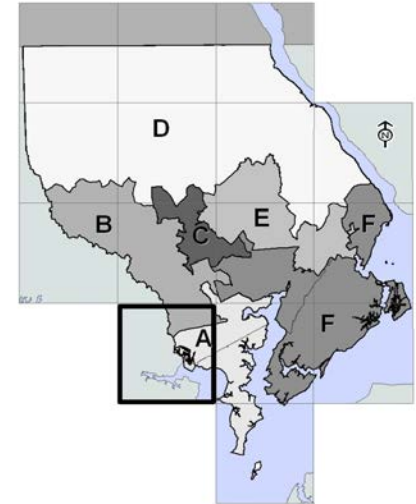
Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended
 Encumbered 0
 Total \$0

PROJECT: Roof Replacement - Joppatowne High School**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****New****PROJECT DESCRIPTION / JUSTIFICATION:**

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. The roof at Joppatowne High School is in need of replacement in FY 2017. The existing roof cannot wait for a future limited renovation at the school. Projects are submitted for funding consideration through the State Capital Improvement Plan request. Future roof replacements are scheduled as follows:

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		204,000	204,000						204,000
Land Acquisition			0						0
Construction		2,196,000	2,196,000						2,196,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	2,400,000	2,400,000	0	0	0	0	0	2,400,000

FUNDING SCHEDULE

R7000 Future Bonds		1,115,000	1,115,000						1,115,000
R7920 State Bonds		1,285,000	1,285,000						1,285,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	2,400,000	2,400,000	0	0	0	0	0	2,400,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$61,943

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total

0

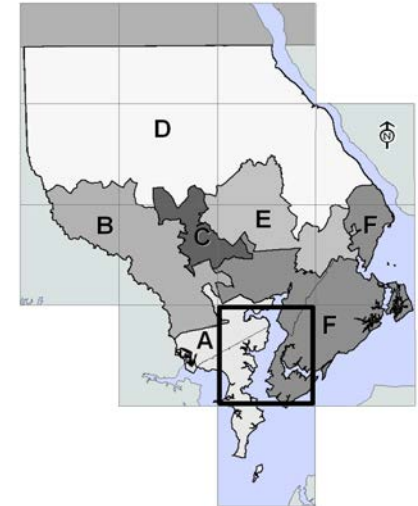
\$0

PROJECT: William Paca/Old Post Elementary School Open Space Enclosure**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Abingdon****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will enclose open space Classrooms at William Paca/Old Post Elementary School. This request is consistent with the BOE's direction to increase safety and security of our schools by conversion of open floor plans to enclosed classrooms. The project is eligible for partial state funding. In addition to walls, doors and hardware, the project includes adding sprinklers to the building, replacing ceilings, and ductwork modifications required to properly ventilate the classrooms. The fire alarm system will also be upgraded at this time.

PROJECT SCHEDULE:

Anticipated completion of this project is December, 2018

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		257,000	257,000						257,000
Land Acquisition			0						0
Construction		2,160,000	2,160,000						2,160,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	2,417,000	2,417,000	0	0	0	0	0	2,417,000

FUNDING SCHEDULE

R7000 Future Bonds		1,261,000	1,261,000						1,261,000
R7920 State Bonds		1,156,000	1,156,000						1,156,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	2,417,000	2,417,000	0	0	0	0	0	2,417,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/16:

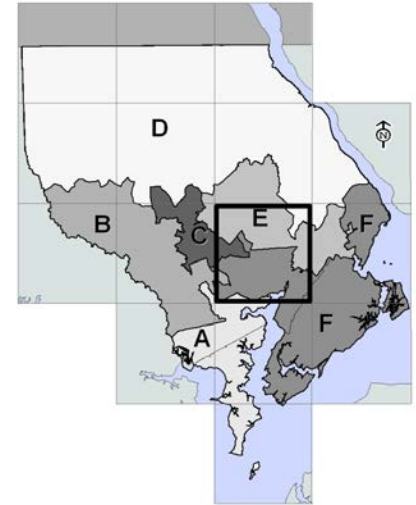
Expended
 Encumbered 0
 Total \$0

PROJECT: William S. James ES Open Space Enclosure Project**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Abingdon****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will enclose open space Classrooms at William S James Elementary School. This request is consistent with the BOE's direction to increase safety and security of our schools by conversion of open floor plans to enclosed classrooms. The project is eligible for partial state funding. In addition to walls, doors and hardware, the project includes adding sprinklers to the building, replacing ceilings, and ductwork modifications required to properly ventilate the classrooms. The fire alarm system will also be upgraded at this time.

PROJECT SCHEDULE:

Anticipated completion for this project is Fall, 2017

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		125,000	125,000						125,000
Land Acquisition			0						0
Construction		1,275,000	1,275,000						1,275,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	1,400,000	1,400,000	0	0	0	0	0	1,400,000

FUNDING SCHEDULE

R7000 Future Bonds		691,000	691,000						691,000
R7920 State Bonds		709,000	709,000						709,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	1,400,000	1,400,000	0	0	0	0	0	1,400,000

OPERATING BUDGET IMPACT:

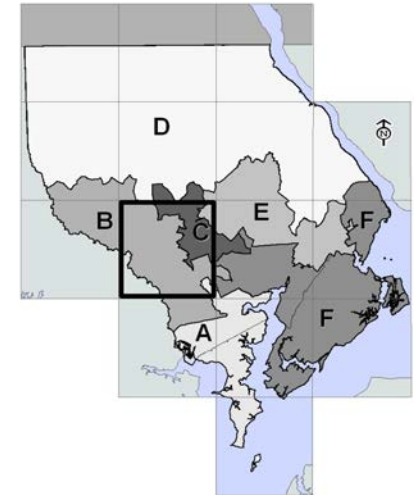
Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended
 Encumbered 0
 Total \$0

PROJECT: Youth's Benefit Elementary School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Fallston****B074127****PROJECT DESCRIPTION / JUSTIFICATION:**

This facility is a two school campus, with the original buildings constructed in 1953 and 1973, respectively. A scope study was completed in the spring of 2007 after the BOE approved this project in FY 07. The study showed from a site logistic, instructional perspective, age of infrastructure and operational management during construction, that the two existing buildings should be demolished in phases to allow for one new replacement school. A State feasibility waiver request was approved by the State and a determination on funding support was offered. The design for this project has already been started and reached a 60% design development state prior to the project being placed on hold due to funding constraints.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Construction contracts have been awarded. Permitting is in process.

Based on current schedule the anticipated completion and occupancy for this project is August, 2017.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	3,510,600		3,510,600						3,510,600
Land Acquisition			0						0
Construction	39,207,266		39,207,266						39,207,266
Inspection Fees	3,240,000		3,240,000						3,240,000
Equipment/Furnishing		2,419,000	2,419,000						2,419,000
Total Cost	45,957,866	2,419,000	48,376,866	0	0	0	0	0	48,376,866

FUNDING SCHEDULE

R7100 Prior Bonds	33,396,600		33,396,600						33,396,600
R7920 State Bonds	10,250,000		10,250,000						10,250,000
R7100 Prior Bonds (Bond Bill 11-25)	2,311,266		2,311,266						2,311,266
R7000 Future Bonds		2,419,000	2,419,000						2,419,000
			0						0
			0						0
Total Funds	45,957,866	2,419,000	48,376,866	0	0	0	0	0	48,376,866

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$3,522,147

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	6,983,446
Encumbered	0
Total	\$6,983,446

OUTYEAR PROJECTS

FY 18 - FY 22

PROJECT: Athletic Fields Repair and Restoration**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B034113****PROJECT DESCRIPTION / JUSTIFICATION:**

This account provides funds of \$50,000 annually to maintain athletic fields at ten high schools, as well as playing fields at all schools. Funding includes maintenance and repair for stadium and practice fields at \$20,000 per year. It provides for repair and replacement of fencing at \$30,000 per year, which ensures safety of students. Additionally, these funds are used to fund mandated maintenance and testing of synthetic turf fields.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	487,000		487,000	100,000	100,000	100,000			787,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	487,000	0	487,000	100,000	100,000	100,000	0	0	787,000

FUNDING SCHEDULE

R8750 Paygo	151,000		151,000	100,000	100,000	100,000			451,000
R6999 Other	210,000		210,000						210,000
R1525 Transfer Tax	108,000		108,000						108,000
R8026 Reappropriated Transfer Tax	18,000		18,000						18,000
			0						0
			0						0
Total Funds	487,000	0	487,000	100,000	100,000	100,000	0	0	787,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

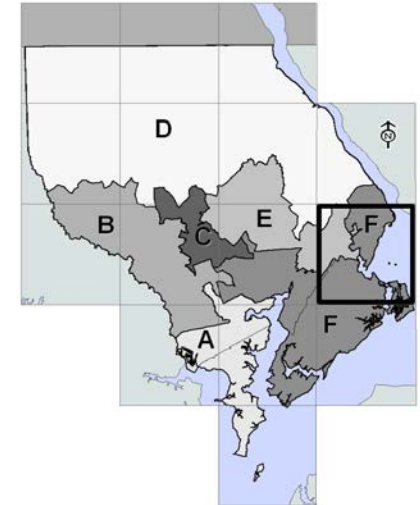
Financial Activity as of 1/5/16:

Expended	273,823
Encumbered	0
Total	\$273,823

PROJECT: Havre de Grace Middle/High School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****B144111****PROJECT DESCRIPTION / JUSTIFICATION:**

The Havre de Grace High School is two (2) buildings with a main Administration facility built in 1955, renovated in 1984 with a classroom addition built in 1971 with two (2) floors and a gymnasium/auditorium with a music corridor wing building built in 1958, 1976, and 1984. The buildings were built on individual parcels of land, which was obtained by the Board of Education over the course of many years. The expansion of the high school facility was built in stages over the course of years constrained by the urban environment, which created the separation by Congress Avenue. This facility has reached its maximum life with the latest renovation and addition sections approaching thirty years. A scope study was completed and the Board of Education approved a recommendation to build a new building combining the middle and high school population in a single school. The Board of PW approved Local Planning for this project in the FY 15 CIP under Sustainable Communities Program. Educational Specification and Schematic Design for the new building were approved by the BOE for a new building of approximately 240,000 square feet and a combined state rated capacity of 1542.

The Lily Run Watershed Restoration capital project should be considered within the scope of this project because of the proximity of Lily Run to Havre de Grace Middle/High Schools.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	3,950,000		3,950,000						3,950,000
Land Acquisition			0						0
Construction			0	35,000,000	34,901,000	5,450,000			75,351,000
Inspection Fees			0		3,000,000				3,000,000
Equipment/Furnishing			0			4,500,000			4,500,000
Total Cost	3,950,000	0	3,950,000	35,000,000	37,901,000	9,950,000	0	0	86,801,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,700,000		3,700,000						3,700,000
R7920 State Bonds			0	8,678,000	6,386,000				15,064,000
R6999 Other BOE	250,000		250,000						250,000
R7000 Future Bonds			0	26,322,000	31,515,000	9,950,000			67,787,000
			0						0
			0						0
Total Funds	3,950,000	0	3,950,000	35,000,000	37,901,000	9,950,000	0	0	86,801,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$338,972

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,032,595
Encumbered	0
Total	\$2,032,595

PROJECT: Major HVAC Repairs**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B064145****PROJECT DESCRIPTION / JUSTIFICATION:**

This capital project provides funding for large major equipment repairs and replacement of HVAC equipment at various school buildings. All minor repairs are handled through the Harford County Public Schools normal maintenance operating budget.

PROJECT SCHEDULE:

Planned future year HVAC replacement projects are as follows:

Fallston MS chiller and cooling tower replacement

North Bend ES (1) chiller, tower, and gym AHU replacement

Homestead/Wakefield ES chiller replacement and controls, Bel Air MS chiller replacement

Old Post Road (2) boiler replacements, Joppatowne HS (2) boiler replacements

Edgewood MS (1) chiller replacement and natatorium unit replacement

Hickory ES chiller replacement

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			100,000	75,000	40,000	215,000
Land Acquisition			0						0
Construction	8,688,586		8,688,586			900,000	925,000	960,000	11,473,586
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,688,586	0	8,688,586	0	0	1,000,000	1,000,000	1,000,000	11,688,586

FUNDING SCHEDULE

R8750 Paygo	212,768		212,768						212,768
R6999 Other BOE	3,323,455		3,323,455						3,323,455
R1525 Transfer Tax	100,000		100,000						100,000
R7100 Prior Bonds	4,953,911		4,953,911						4,953,911
R7000 Future Bonds			0			1,000,000	1,000,000	1,000,000	3,000,000
R8770 Reappropriated	98,452		98,452						98,452
Total Funds	8,688,586	0	8,688,586	0	0	1,000,000	1,000,000	1,000,000	11,688,586

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$453,135

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	4,661,715
Encumbered	0
Total	\$4,661,715

PROJECT: Major Roof Repair/Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This capital project provides funding for large major repairs and replacement of roofs for Harford County Public Schools.

PROJECT SCHEDULE:

Future Projects:

North Harford Elementary School

Aberdeen Middle School

Hickory Elementary School

Havre de Grace Elementary School

Prospect Mill Elementary School

North Harford High School

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			250,000	250,000	250,000	750,000
Land Acquisition			0						0
Construction			0			1,250,000	1,250,000	1,250,000	3,750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	1,500,000	1,500,000	1,500,000	4,500,000

FUNDING SCHEDULE

R7000 Future Bonds			0			750,000	750,000	750,000	2,250,000
R7920 State Bonds			0			750,000	750,000	750,000	2,250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	1,500,000	1,500,000	1,500,000	4,500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$422,571

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Technology Infrastructure 04**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****B044118****PROJECT DESCRIPTION / JUSTIFICATION:**

This project addresses critical annual investments required for a rapidly growing, technology rich environment. These investments are essential to maintain a high level of operational efficiency, avoid obsolescence, address increased bandwidth demands and preserve compatibility to industry standards for technology infrastructure components. This overarching project includes refresh programs for instructional and administrative computers; network, information security, data storage and communications equipment; servers; and auditorium/gymnasium audio/video/theatrical lighting systems. The project also encompasses the integration of multi-media interactive technologies into classrooms to promote stronger student engagement. Additionally, the project is a strategic information technology collaboration involving all the government agencies to address current and future technology initiatives of Harford County.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	14,285,802		14,285,802	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	19,285,802
Total Cost	14,285,802	0	14,285,802	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	19,285,802

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,300,000
R6999 Other BOE	3,257,112		3,257,112						3,257,112
R1525 Transfer Tax	4,164,890		4,164,890						4,164,890
R7160 Lease Purchase	4,060,800		4,060,800						4,060,800
R8026 Reappropriated Transfer Tax	2,503,000		2,503,000						2,503,000
			0						0
			0						0
Total Funds	14,285,802	0	14,285,802	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	19,285,802

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

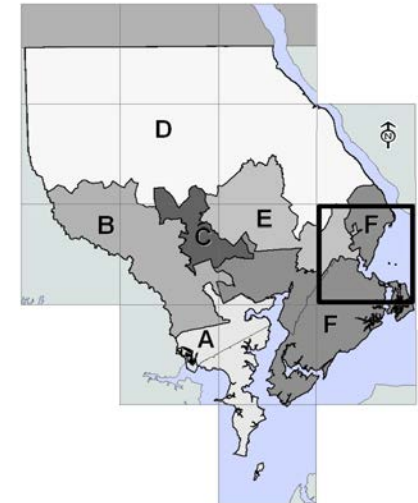
Financial Activity as of 1/5/16:

Expended	11,028,690
Encumbered	0
Total	\$11,028,690

OPEN/ACTIVE PROJECTS

PROJECT: Aberdeen HS North Building**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Aberdeen****B054110****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funding for a scope study to determine the best use of the 107,087 square feet of the North Building of Aberdeen High School.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	665,000		665,000						665,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	665,000	0	665,000	0	0	0	0	0	665,000

FUNDING SCHEDULE

R1525 Transfer Tax	25,000		25,000						25,000
R8026 Reappropriated Transfer Tax	640,000		640,000						640,000
			0						0
			0						0
			0						0
			0						0
Total Funds	665,000	0	665,000	0	0	0	0	0	665,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

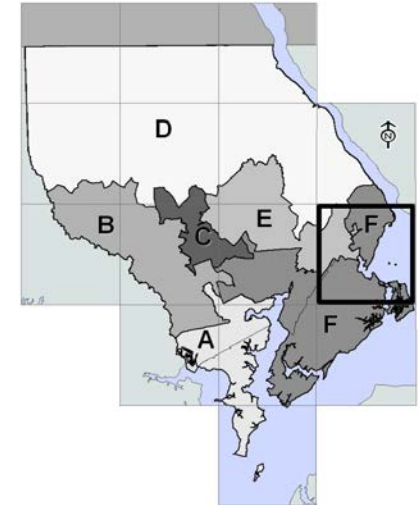
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	567,053
Encumbered	0
Total	\$567,053

PROJECT: Aberdeen High School Stadium and Weight Room Upgrades**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Aberdeen****B144131****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding to install and furnish a single building, which includes a new home team room, visitor team room, storage room, and referee room. It also provides for an addition to the existing weight room, adding 1,000 square feet to the current 1,500 square feet of space.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	130,500		130,500						130,500
Land Acquisition			0						0
Construction	1,369,500		1,369,500						1,369,500
Inspection Fees			0						0
Equipment/Furnishing	100,000		100,000						100,000
Total Cost	1,600,000	0	1,600,000	0	0	0	0	0	1,600,000

FUNDING SCHEDULE

R8750 Paygo	1,600,000		1,600,000						1,600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,600,000	0	1,600,000	0	0	0	0	0	1,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,569,648
Encumbered	0
Total	\$1,569,648

PROJECT: ADA Improvements**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B064143****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for building and grounds improvements to bring schools into compliance with current Americans with Disabilities Act Accessibility guidelines, and the Maryland Accessibility Code.

PROJECT SCHEDULE:

FY 17 - restrooms and water fountains at Riverside and CEO

FY 18 - restrooms and water fountains at Southampton MS

FY 19 - restrooms and water fountains at Edgewood MS

FY 20 - water fountains at North Harford MS

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	600,000		600,000						600,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	600,000	0	600,000	0	0	0	0	0	600,000

FUNDING SCHEDULE

R8750 Paygo	350,000		350,000						350,000
R6999 Other BOE	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	0	600,000	0	0	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$945,971

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	245,401
Encumbered	0
Total	\$245,401

PROJECT: Backflow Prevention**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B054111****PROJECT DESCRIPTION / JUSTIFICATION:**

Funding in this category is used to design and implement backflow prevention in order to separate school water systems from backing up into County water supply. This account is also utilized to perform major domestic water repairs, as well as piping serving condensation, steam, etc.

PROJECT SCHEDULE:

FY 17 - Joppatowne HS - replace 4" domestic water line
 FY 18 - Havre de Grace ES, Fallston MS, William Paca Old Post - install backflow prevention
 FY 19 - Harford Technical HS & North Harford ES - install backflow prevention
 FY 20 - Churchville ES & Forest Hill ES - install backflow prevention
 FY 21 - Halls Cross Roads ES & North Bend ES - install backflow prevention

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	600,000		600,000						600,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	600,000	0	600,000	0	0	0	0	0	600,000

FUNDING SCHEDULE

R6999 Other	250,000		250,000						250,000
R1525 Transfer Tax	250,000		250,000						250,000
R8026 Reappropriated Transfer Tax	100,000		100,000						100,000
R8750 Paygo			0						0
									0
			0						0
Total Funds	600,000	0	600,000	0	0	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	339,509
Encumbered	0
Total	\$339,509

PROJECT: Building Envelope Improvements**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B144107****PROJECT DESCRIPTION / JUSTIFICATION:**

This project addresses aging schools outside the modernization schedule requiring window, door, masonry or siding renewal. Improvements will provide enhanced security, energy conservation and weatherproofing.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	700,000		700,000						700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	700,000	0	700,000	0	0	0	0	0	700,000

FUNDING SCHEDULE

R6999 Other BOE	500,000		500,000						500,000
R8750 Paygo	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	700,000	0	700,000	0	0	0	0	0	700,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	199,718
Encumbered	0
Total	\$199,718

PROJECT: Career and Tech Education Equipment Refresh**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B064130****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds to upgrade equipment in 32 Maryland State Department approved high school Career and Technology Education (CTE) programs which are designed to prepare students for the 21st century's global economy and its rapidly changing workforce needs. These programs are implemented in the 9 comprehensive high schools as well as Harford Technical High School and the Alternative Education Program. The implementation of these programs is an essential component of the K-12 STEM Education Strategic Plan for Harford County Public Schools. Funds were approved by the Board of Education in 2004 to be renewed annually in the Capital Budget to replace the former State categorical grant set-aside money for CTE. Equipment upgrades are essential to maintain the industry standards and the requirements of postsecondary articulation agreements. Program Advisory Committee, including industry and postsecondary education representatives, help to annually review each program to determine equipment needs.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	500,000		500,000						500,000
Total Cost	500,000	0	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R6999 Other BOE	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	0	0	0	0	0	500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

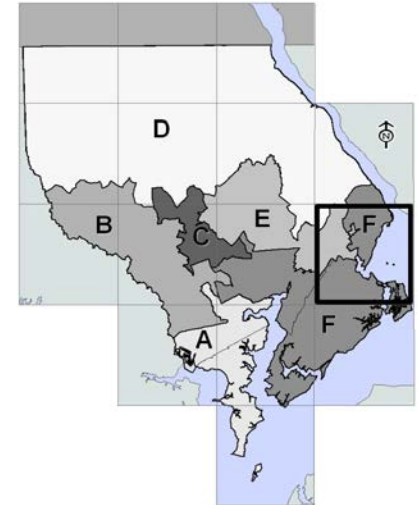
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	200,000
Encumbered	0
Total	\$200,000

PROJECT: Center for Educational Opportunity - HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Aberdeen****B164109****PROJECT DESCRIPTION / JUSTIFICATION:**

The Center of Educational Opportunity was originally built as Aberdeen Junior High School in 1965 and consists of a single story building plus partial basement of approximately 107,000 SF. Currently, there is no air conditioning in the great majority of the classrooms. There are some window air conditioning units that have been installed in three classrooms and the media center, which do not meet the current indoor air quality requirements. It is recommended that the replacement equipment be electrically cooled roof top units with modulating capacity compressors, and energy recovery features designed to meet current energy codes. The units will be ducted to new VAV boxes in the academic spaces with hot water reheat coils. The existing hot water piping serving the existing heat only until ventilators will be connected to the reheat coils to meet the heating needs of the spaces. New DDC controls should be installed as part of the project. When completed, the new HVAC system will provide a better IAQ environment with improved humidity and temperature control year round.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Design - August 2015 to January 2016
 Complete Construction by Spring, 2017

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,625,000		4,625,000						4,625,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,625,000	0	4,625,000	0	0	0	0	0	4,625,000

FUNDING SCHEDULE

R7920 State Bonds	2,425,000		2,425,000						2,425,000
R7100 Prior Bonds	2,200,000		2,200,000						2,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	4,625,000	0	4,625,000	0	0	0	0	0	4,625,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$219,452
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

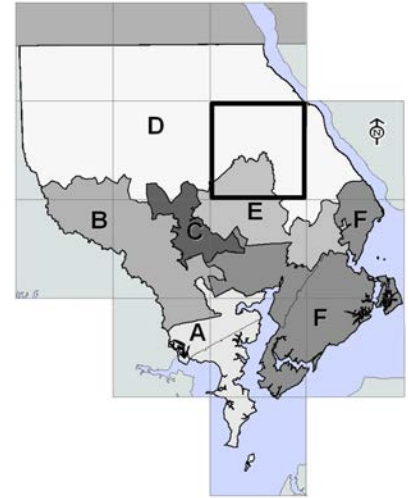
Expended	220,488
Encumbered	0
Total	\$220,488

PROJECT: Churchville Elementary School Roof Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Churchville****B164110****PROJECT DESCRIPTION / JUSTIFICATION:**

Churchville Elementary School is scheduled for a roof replacement.

PROJECT SCHEDULE:**PROJECT STATUS:**

Design development is 60% complete.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	825,000		825,000						825,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	825,000	0	825,000	0	0	0	0	0	825,000

FUNDING SCHEDULE

R7920 State Bonds	495,000		495,000						495,000
R8750 Paygo	330,000		330,000						330,000
			0						0
			0						0
			0						0
			0						0
Total Funds	825,000	0	825,000	0	0	0	0	0	825,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$33,000

Annual Operating/Maintenance Cost: N/A

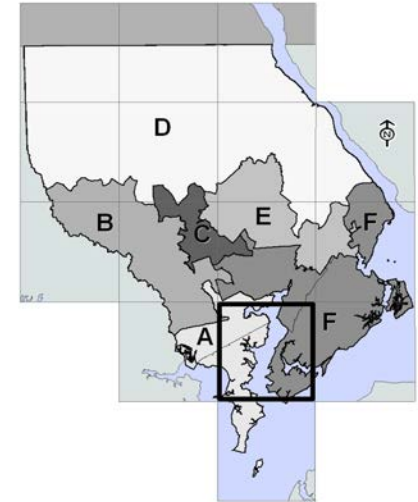
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	5,293
Encumbered	0
Total	\$5,293

PROJECT: Deerfield Elementary School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Edgewood****B004119****PROJECT DESCRIPTION / JUSTIFICATION:**

The new Deerfield Elementary School was completed and occupied in August, 2010. Demolition of the existing school building and restoration of the balance of the site was completed in the summer of 2011. In FY 12, the State reimbursement received for the Deerfield Elementary School was reallocated to fund other projects.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,431,623		1,431,623						1,431,623
Land Acquisition			0						0
Construction	29,302,577		29,302,577						29,302,577
Inspection Fees			0						0
Equipment/Furnishing	1,000,000		1,000,000						1,000,000
Total Cost	31,734,200	0	31,734,200	0	0	0	0	0	31,734,200

FUNDING SCHEDULE

R7920 State Bonds	11,397,000		11,397,000						11,397,000
R7100 Prior Bonds	20,492,923		20,492,923						20,492,923
R6999 Other BOE Reimbursement	(1,277,325)		(1,277,325)						(1,277,325)
R6999 Other BOE	(197,619)		(197,619)						(197,619)
R1525 Transfer Tax	881,693		881,693						881,693
R8750 Paygo	25,000		25,000						25,000
R8752 Paygo Impact Fee	412,528		412,528						412,528
Total Funds	31,734,200	0	31,734,200	0	0	0	0	0	31,734,200

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,636,619

Annual Operating/Maintenance Cost: N/A

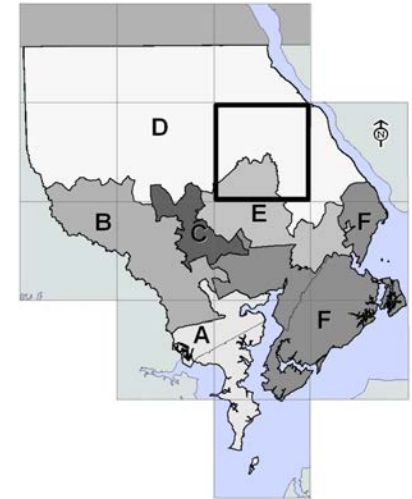
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	21,771,317
Encumbered	0
Total	<u>\$21,771,317</u>

PROJECT: Dublin Elementary School Boiler Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Dublin****B114115****PROJECT DESCRIPTION / JUSTIFICATION:**

These funds were used to replace two boilers at Dublin Elementary School.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	22,500		22,500						22,500
Land Acquisition			0						0
Construction	221,612		221,612						221,612
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	244,112	0	244,112	0	0	0	0	0	244,112

FUNDING SCHEDULE

R6999 Other BOE	244,112		244,112						244,112
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	244,112	0	244,112	0	0	0	0	0	244,112

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of: 1/5/16:

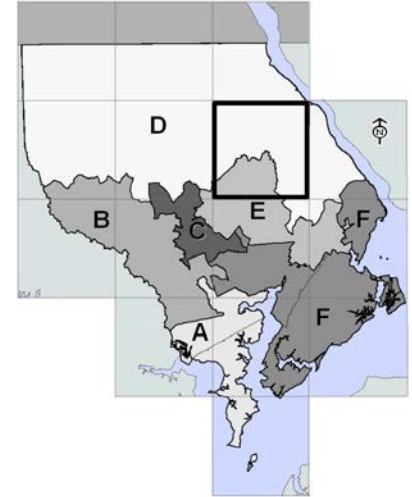
Expended	0
Encumbered	0
Total	\$0

PROJECT: Dublin Elementary School Comprehensive HVAC Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Dublin****B154107****PROJECT DESCRIPTION / JUSTIFICATION:**

This building is a 44,385 square foot two story facility that underwent a renovation/addition in 1987. This project will address the replacement of the HVAC equipment that was installed in 1987. The existing equipment in the classroom and academic support areas consist of unit ventilator type water source heat pumps (WSHP). This type of equipment has a typical life of 20 years and with the increased service and repair work to the equipment in recent years is in need of replacement. It is recommended that the replacement equipment be a ducted type above ceiling WSHP fan coil (or small air handlers). The boiler room was renovated with two new high efficiency condensing boilers, pumps and new piping along with a new cooling tower in 2011. This equipment will continue to operate as part of the new HVAC system.

PROJECT SCHEDULE:

Design - October 2014 to April 2015; Award contract - May 2015; Complete construction - August 2015. Based on this tentative schedule the anticipated completion and occupancy is August 2015.

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	616,000		616,000						616,000
Land Acquisition			0						0
Construction	3,078,000		3,078,000						3,078,000
Inspection Fees	300,000		300,000						300,000
Equipment/Furnishing			0						0
Total Cost	3,994,000	0	3,994,000	0	0	0	0	0	3,994,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,055,000		2,055,000						2,055,000
R7920 State Bonds	1,939,000		1,939,000						1,939,000
			0						0
			0						0
			0						0
			0						0
Total Funds	3,994,000	0	3,994,000	0	0	0	0	0	3,994,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$195,776

Annual Operating/Maintenance Cost: N/A

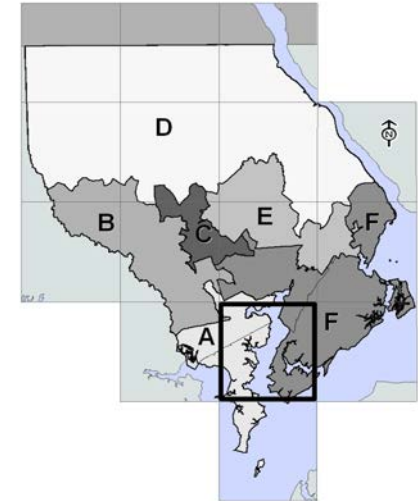
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,486,681
Encumbered	0
Total	\$1,486,681

PROJECT: Edgewood High School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Edgewood****B074119****PROJECT DESCRIPTION / JUSTIFICATION:**

The new Edgewood High School building has been completed and occupied since August, 2010. The State request of \$13,321,000 was the entire balance of the Maximum State funding allocation. The FY 12 State reimbursement received for Edgewood High School was reallocated to fund other capital items.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	3,399,000		3,399,000						3,399,000
Land Acquisition			0						0
Construction	74,502,998		74,502,998						74,502,998
Inspection Fees	1,125,000		1,125,000						1,125,000
Equipment/Furnishing	4,554,792		4,554,792						4,554,792
Total Cost	83,581,790	0	83,581,790	0	0	0	0	0	83,581,790

FUNDING SCHEDULE

R1525 Transfer Tax	223,750		223,750						223,750
R6999 Other BOE	(11,628,413)		(11,628,413)						(11,628,413)
R7100 Prior Bonds	81,665,453		81,665,453						81,665,453
R7920 State Bonds	13,321,000		13,321,000						13,321,000
			0						0
			0						0
Total Funds	83,581,790	0	83,581,790	0	0	0	0	0	83,581,790

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$6,402,983

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

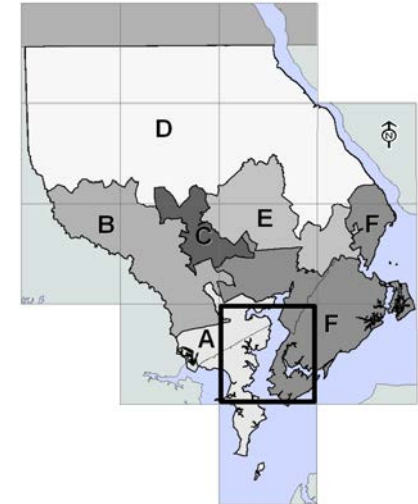
Expended 81,785,501

Encumbered 0

Total \$81,785,501

PROJECT: Edgewood Middle School - Computer Laboratory**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Edgewood****B144108****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding to add a computer laboratory to provide an appropriate environment for the appropriate delivery of the technology educational program.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	115,000		115,000						115,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	115,000	0	115,000	0	0	0	0	0	115,000

FUNDING SCHEDULE

R8750 Paygo	115,000		115,000						115,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	115,000	0	115,000	0	0	0	0	0	115,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	78,217
Encumbered	0
Total	\$78,217

PROJECT: Energy Efficiency Initiative Projects**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B144109****PROJECT DESCRIPTION / JUSTIFICATION:**

This category provides funding from the State FY 13 Energy Efficiency initiative disbursed through the Maryland Energy Administration for energy related projects that enhance energy efficiency based on the standards that are within the procedures as set forth by the IAC dated July 19, 2012. These are designated to supplement the normal State Capital Improvement School Construction funding stream. Therefore, all of the normal State CIP procedures apply to these project funding requests with the difference being that the State will support up to 98% of the total project costs for energy enhancement such as lighting, HVAC, custom building specialty and solar panel installations after utility company rebates. We have identified 27 lighting renovation projects, which have already been included in the Performance Contracting Service where those improvements pay for itself with the energy savings utilizing an amortized loan for a duration of 15 years. The additional Energy Initiative funds will pay for at least 60% of the total cost of these projects. This reduces the total loan amount and allows us to add additional scope without increasing the loan obligation. There is no County funding commitment required because the projects are paid by the energy savings, which is guaranteed by the contractor.

The following projects are included in this funding request is C. Milton Wright High School, Fallston High School, Harford Technical High School, Joppatowne High School, Aberdeen Middle School, Bel Air Middle School, Edgewood Middle School, Fallston Middle School, Havre de Grace Middle School, North Harford Middle School, Southampton Middle School, Abingdon Elementary School, Bel Air Elementary School, Churchville Elementary School, Darlington Elementary School, Dublin Elementary School, Edgewood Elementary School, Fountain Green Elementary School, George D. Lisby Elementary School, Magnolia Elementary School, Meadowvale Elementary School, North Bend Elementary School, Prospect Mill Elementary School, Ring Factory Elementary School, Riverside Elementary School, Royce Williams Elementary School and William S. James Elementary School.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,988,091		4,988,091						4,988,091
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,988,091	0	4,988,091	0	0	0	0	0	4,988,091

FUNDING SCHEDULE

R6999 Other BOE	1,484,775		1,484,775						1,484,775
R3399 State Other	3,389,000		3,389,000						3,389,000
R8750 Paygo	114,316		114,316						114,316
			0						0
			0						0
			0						0
Total Funds	4,988,091	0	4,988,091	0	0	0	0	0	4,988,091

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 10/31/14:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Environmental Compliance**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B974118****PROJECT DESCRIPTION / JUSTIFICATION:**

Environmental regulations demand compliance in a number of areas - indoor air quality, waste management, fuel tank replacement, water quality control, radon testing, asbestos removal and other similar matters. Asbestos abatement will occur based on current conditions at the time and available funding.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,497,619		1,497,619						1,497,619
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,497,619	0	1,497,619	0	0	0	0	0	1,497,619

FUNDING SCHEDULE

R8750 Paygo	1,097,619		1,097,619						1,097,619
R6999 Other BOE	400,000		400,000						400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,497,619	0	1,497,619	0	0	0	0	0	1,497,619

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,050,395
Encumbered	0
Total	\$1,050,395

PROJECT: Equipment and Furniture Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B004113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for the purchase of age appropriate furniture, particularly for secondary schools.
Existing schools have replacement needs as furniture and equipment reach the end of their life cycle.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,055,000		1,055,000						1,055,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,055,000	0	1,055,000	0	0	0	0	0	1,055,000

FUNDING SCHEDULE

R8750 Paygo	755,000		755,000						755,000
R6999 Other BOE	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,055,000	0	1,055,000	0	0	0	0	0	1,055,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

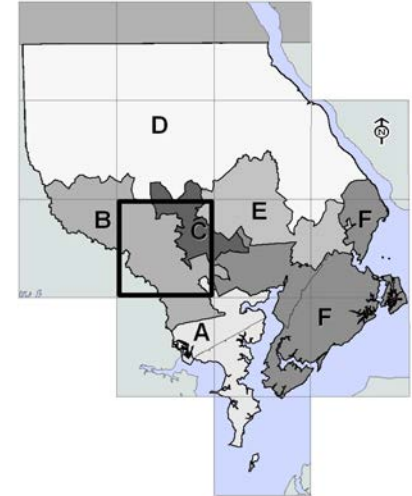
Expended 718,653

Encumbered 0

Total \$718,653

PROJECT: Fallston High School Autism Renovation**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Fallston****B154118****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will fund a renovation project at Fallston High School to accommodate the Autism Program.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	250,000		250,000						250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	250,000	0	250,000	0	0	0	0	0	250,000

FUNDING SCHEDULE

R7100 Prior Bonds	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	0	250,000	0	0	0	0	0	250,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$21,945

Annual Operating/Maintenance Cost: N/A

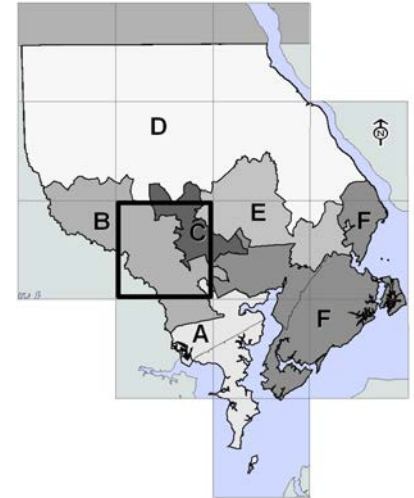
New Positions (FTE's): N/A

Financial Activity as of:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Fallston High School Comprehensive HVAC Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Fallston****B144110****PROJECT DESCRIPTION / JUSTIFICATION:**

The age of the HVAC equipment and systems in this facility is 35 years old with the exception of the cooling tower and HVAC controller. There is numerous equipment inefficiencies, indoor air quality concerns and equipment noise issues that can be proactively addressed by performing a major comprehensive HVAC systemic project. This proposed project replacement/upgrade includes new boilers, chiller, cooling tower, related pumps and associated equipment and DDC controls in the central plant and the rest of the building. New energy recovery type air handling units, including replacement of classroom unit ventilators with ducted air system with VAV units. The project will need to be phased over two summers and part of the school year, and will require 4 portable classrooms for phasing purposes. This school is designated as an emergency shelter, therefore a generator service connection is included in the electrical service upgrade. This will result in a sprinkler system as well as fire alarm modification to meet current codes. This project will include electrical service upgrades to allow for better electrical data as well as better sub metering capabilities.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,082,049		1,082,049						1,082,049
Land Acquisition			0						0
Construction	16,764,891		16,764,891						16,764,891
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	17,846,940	0	17,846,940	0	0	0	0	0	17,846,940

FUNDING SCHEDULE

R7920 State Bonds	9,873,000		9,873,000						9,873,000
R7100 Prior Bonds	7,973,940		7,973,940						7,973,940
			0						0
			0						0
			0						0
			0						0
Total Funds	17,846,940	0	17,846,940	0	0	0	0	0	17,846,940

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$725,569

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended 1,324,896

Encumbered 0

Total \$1,324,896

PROJECT: Fire Alarm and ER Communication**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B004112****PROJECT DESCRIPTION / JUSTIFICATION:**

Funds are utilized for the repair or replacement of obsolete fire alarm and emergency communication systems.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,075,000		1,075,000						1,075,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,075,000	0	1,075,000	0	0	0	0	0	1,075,000

FUNDING SCHEDULE

R8750 Paygo	500,000		500,000						500,000
R6999 Other BOE	425,000		425,000						425,000
R1525 Transfer Tax	75,000		75,000						75,000
R8026 Reappropriated Transfer Tax	75,000		75,000						75,000
			0						0
			0						0
Total Funds	1,075,000	0	1,075,000	0	0	0	0	0	1,075,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	607,275
Encumbered	0
Total	\$607,275

PROJECT: Floor Covering Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13015****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for large scale flooring renewal in schools outside of the modernization schedule, primarily Carpet and Vinyl Composition Tile.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	100,000		100,000						100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	0	0	0	0	100,000

FUNDING SCHEDULE

R6999 Other BOE	100,000		100,000						100,000
R8750 Paygo			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	0	0	0	0	100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

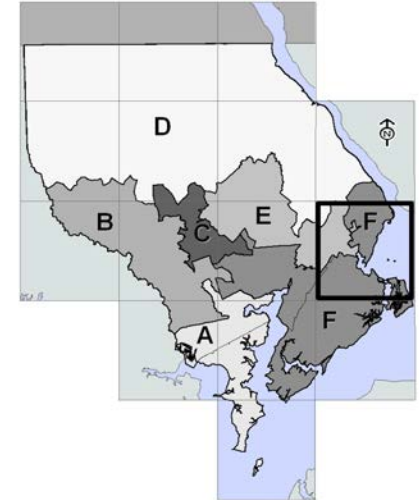
New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: Havre de Grace High School Field Facilities**BOARD OF EDUCATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****B134113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for facilities to be constructed on the athletic fields at Havre de Grace High School. These facilities will be similar to those constructed with the replacement of Bel Air High School.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,313,770		1,313,770						1,313,770
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,313,770	0	1,313,770	0	0	0	0	0	1,313,770

FUNDING SCHEDULE

R6999 Other BOE	1,000,000		1,000,000						1,000,000
R8750 Paygo	313,770		313,770						313,770
			0						0
			0						0
			0						0
			0						0
Total Funds	1,313,770	0	1,313,770	0	0	0	0	0	1,313,770

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended 308,886

Encumbered 0

Total \$308,886

PROJECT: Integrated Business Systems**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****B064124****PROJECT DESCRIPTION / JUSTIFICATION:**

This is an ongoing project dedicated to the upgrade and enhancement of HCPS' Enterprise Resource Planning system (Lawson). Since inception of this project (1999) funds have been requested each fiscal year to provide major system and module upgrades due to "end of life" actions by the vendor, enhancements to accommodate business process changes and efficiencies; and provide business continuance capability for disaster recovery.

PROJECT SCHEDULE:**PROJECT STATUS:**

Upgrade to replace the time accrual module is currently underway.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	403,000		403,000						403,000
Total Cost	403,000	0	403,000	0	0	0	0	0	403,000

FUNDING SCHEDULE

R8026 Reappropriated Transfer Tax	193,000		193,000						193,000
R1525 Transfer Tax	210,000		210,000						210,000
			0						0
			0						0
			0						0
			0						0
Total Funds	403,000	0	403,000	0	0	0	0	0	403,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

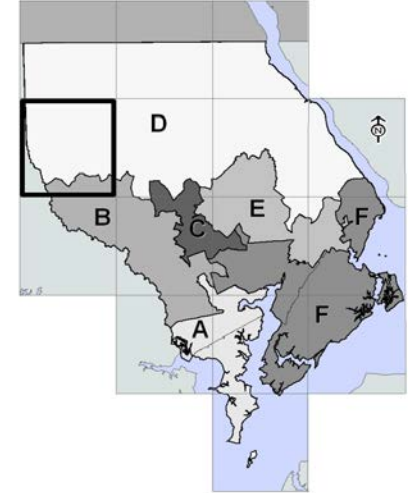
Expended 384,344

Encumbered 0

Total \$384,344

PROJECT: Jarrettsville Elementary School Comprehensive HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Jarrettsville****B124130****PROJECT DESCRIPTION / JUSTIFICATION:**

The age of the HVAC equipment and systems in this facility are at least 34 years old with the exception of the cooling tower and HVAC controller. There are numerous equipment inefficiencies, indoor air quality concerns and equipment noise issues that can be proactively addressed by performing a major comprehensive HVAC systemic project. This project replacement and/or upgrade included new boilers, chillers, related pumps, and associated equipment and Direct Digital Controls in the central plant and the rest of the building. This also includes new energy recovery air handling units including replacement of classroom unit ventilators with duct air systems with Variable Air Volume units. The kindergarten HVAC and domestic water heater systems were recently replaced and are not part of the project. The project will need to be phased over two summers and part of the school year, and will require four portable classrooms for phasing purposes.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction	3,400,000		3,400,000						3,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,700,000	0	3,700,000	0	0	0	0	0	3,700,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,941,500		2,941,500						2,941,500
R6999 Other BOE	758,500		758,500						758,500
			0						0
			0						0
			0						0
			0						0
Total Funds	3,700,000	0	3,700,000	0	0	0	0	0	3,700,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$241,438

Annual Operating/Maintenance Cost: N/A

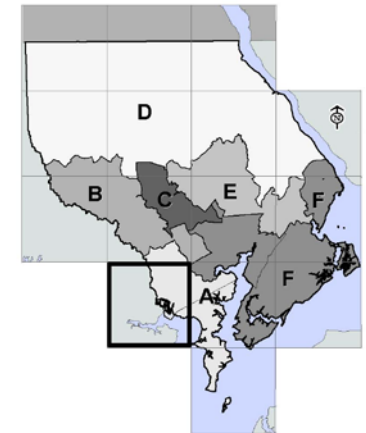
New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	2,921,622
Encumbered	0
Total	\$2,921,622

PROJECT: Joppatowne High School Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****B144112****PROJECT DESCRIPTION / JUSTIFICATION:**

This project consists of a number of systemic projects, including but not limited to: concrete slab, brick veneer, roof replacement, window replacement, ADA door hardware replacement, exterior door replacement, metal pan ceiling replacement, VCT replacement, toilet partition replacement, student locker replacement, toilet room fixture replacement, HVAC systemic replacement, lighting replacement, stadium replacement and turf replacement. This project will be structured in a way to meet the State Public School Construction "Limited Renovation" category of funding, which must include five major systemic projects with one required to be an educational program upgrade. It was decided that the most appropriate programmatic need is the Homeland Security signature program. There were several conceptual design solution options developed in the Joppatowne High School scope study dated November 30, 2009. The most basic conceptual plan option "A" provides the most feasible solution in achieving the spatial program requirements. This was used as a baseline to develop this budget and for the purposes of requesting State funding for this entire project. In order for the Board of Education to obtain State Interagency Committee on Public School Construction (IAC) approval for planning and subsequent construction, \$1,000,000 of prior appropriated funds from Legislative Bill 13-19, as amended, for the Joppatowne High School Systemic Renovations will be available July 1, 2014 to be used to prepare education specifications, schematic design and design documents.

**PROJECT SCHEDULE:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,551,244		1,551,244						1,551,244
Land Acquisition			0						0
Construction	12,121,756		12,121,756						12,121,756
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	13,673,000	0	13,673,000	0	0	0	0	0	13,673,000

FUNDING SCHEDULE

R7100 Prior Bonds	7,400,000		7,400,000						7,400,000
R7920 State Bonds	6,273,000		6,273,000						6,273,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
Total Funds	13,673,000	0	13,673,000	0	0	0	0	0	13,673,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$740,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Magnolia Middle School Comprehensive HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Magnolia****B124132****PROJECT DESCRIPTION / JUSTIFICATION:**

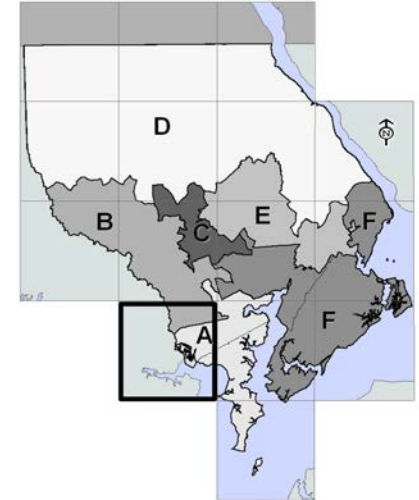
The age of the HVAC equipment and systems in this facility are at least 32 years old, with the exception of the cooling tower and HVAC controller. There are numerous equipment inefficiencies and noise issues, in addition to indoor air quality concerns, that could be proactively addressed with a major comprehensive HVAC systemic project. The proposed project includes new boilers, chiller, related pumps and associated equipment and DDC controls in the central plant and the rest of the building. New energy recovery air handling units, including replacement of classroom unit ventilators with duct air systems with VAV units. Although the cooling tower was replaced 10 years ago, we are expanding the cooling of the school in the gymnasium, locker rooms, multi-activity room, adjoining spaces and swimming pool for dehumidification, totaling approximately 35,000 square feet. Therefore, it may be more cost effective to replace the unit rather than modify it. We have included the cost to replace the cooling tower with a larger unit. The project will need to be phased in over two summers and will require 4 portable classrooms. This school was originally designed as an open classroom building with sprinkler coverage. Walls have been erected over the years to isolate the spaces without the required sprinkler modifications to provide adequate coverage. This will result in the sprinkler as well as fire alarm modifications to meet current codes. The electrical system is very old and parts are impossible to locate. This project will include electrical service upgrades to allow for better electrical data as well as better sub metering capabilities.

PROJECT SCHEDULE:

Start design in October, 2012; complete design in March, 2013. Bid the contract in April, 2013; award the contract in May, 2013.

PROJECT STATUS:

Based on this tentative schedule the anticipated completion and occupancy is August, 2014.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	700,000		700,000						700,000
Land Acquisition			0						0
Construction	10,361,554		10,361,554						10,361,554
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	11,061,554	0	11,061,554	0	0	0	0	0	11,061,554

FUNDING SCHEDULE

R7920 State Bonds	5,295,000		5,295,000						5,295,000
R6999 Other BOE	2,254,000		2,254,000						2,254,000
R7100 Prior Bonds	3,496,955		3,496,955						3,496,955
R8750 Paygo	4,424		4,424						4,424
R1525 Transfer Tax	11,175		11,175						11,175
Total Funds	11,061,554	0	11,061,554	0	0	0	0	0	11,061,554

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$269,022

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	3,379,595
Encumbered	0
Total	\$3,379,595

PROJECT: Music Equipment Refresh Program 05**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B054112****PROJECT DESCRIPTION / JUSTIFICATION:**

This program was established in 2003 and provides funds for the replacement of musical instruments throughout the school system. Musical instruments in the school setting have varying life expectancies which range from 6 years to 20 years depending on the type, amount of use and materials which the instrument is constructed. These instruments represent those which parents are not expected to purchase due to extreme cost or specialty use. Instruments such as basic trumpets, trombones, clarinets, alto saxophones and flutes as well as other basic instruments are not meant to be part of this program and are the parents' responsibility to secure from various sources in the area. In 2002 the Music Department established a Basic Essential Music Instrument Inventory which each school must have to perform a wide range of musical literature. This basic inventory is required regardless of the size of a program, but in some instances schools may require duplicate sets of some instruments to meet the needs of musical ensembles. Attached are the lists of required inventories for elementary, middle and high school levels and the cost breakdown based on the 2012 Carroll County Public Schools bid #12-018G which we use to purchase instruments at a reasonable cost. All school instrument inventories are required to be posted to the Music Department's SharePoint site which can be monitored by the music supervisor to determine actual needs of individual schools. Instruments not on the list may be requested by band and orchestra directors who demonstrate need and cost effectiveness of the instrument.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	575,000		575,000						575,000
Total Cost	575,000	0	575,000	0	0	0	0	0	575,000

FUNDING SCHEDULE

R8750 Paygo	375,000		375,000						375,000
R6999 Other BOE	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	575,000	0	575,000	0	0	0	0	0	575,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	325,000
Encumbered	0
Total	\$325,000

PROJECT: Music Equipment Refresh Program 14**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B144113****PROJECT DESCRIPTION / JUSTIFICATION:**

This program was established in 2003 and provides funds for the replacement of musical instruments throughout the school system. Musical instruments in the school setting have varying life expectancies which range from 6 years to 20 years depending on the type, amount of use and materials which the instrument is constructed. These instruments represent those which parents are not expected to purchase due to extreme cost or specialty use. Instruments such as basic trumpets, trombones, clarinets, alto saxophones and flutes as well as other basic instruments are not meant to be part of this program and are the parents' responsibility to secure from various sources in the area. In 2002 the Music Department established a Basic Essential Music Instrument Inventory which each school must have to perform a wide range of musical literature. This basic inventory is required regardless of the size of a program, but in some instances schools may require duplicate sets of some instruments to meet the needs of musical ensembles. All school instrument inventories are required to be posted to the Music Department's SharePoint site which can be monitored by the music supervisor to determine actual needs of individual schools. Instruments not on the list may be requested by band and orchestra directors who demonstrate need and cost effectiveness of the instrument.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	50,000		50,000						50,000
Total Cost	50,000	0	50,000	0	0	0	0	0	50,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000						50,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	0	0	0	0	0	50,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	47,524
Encumbered	0
Total	\$47,524

PROJECT: Music Technology Labs Program**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B144114****PROJECT DESCRIPTION / JUSTIFICATION:**

The Music Technology lab project supports a comprehensive program which teaches technical and scientific aspects of music to high school students through a variety of technology arts classes. The program utilizes a music technology and multimedia lab which blends use of electronic devices, computer components, data storage, industry standard and musical instruments to facilitate composition, recording, playback, storage and performance. Competences include digital audio production, songwriting with music composition and digital video integration. This program provides students the core skills needed to enter a higher education institution for the entertainment industry.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	345,000		345,000						345,000
Total Cost	345,000	0	345,000	0	0	0	0	0	345,000

FUNDING SCHEDULE

R6999 Other BOE	195,000		195,000						195,000
R8750 Paygo	150,000		150,000						150,000
			0						0
			0						0
			0						0
			0						0
Total Funds	345,000	0	345,000	0	0	0	0	0	345,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

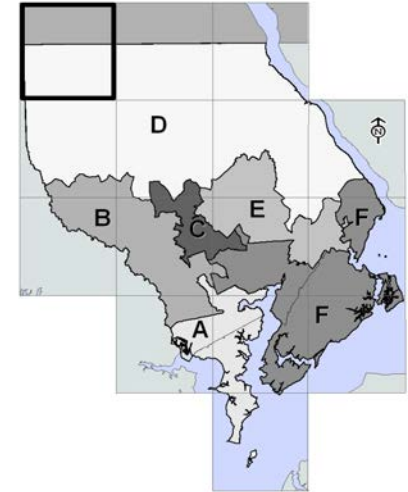
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	150,000
Encumbered	0
Total	\$150,000

PROJECT: Norrisville Elementary School Comprehensive HVAC Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Norrisville****B144115****PROJECT DESCRIPTION / JUSTIFICATION:**

This single story building originally constructed in 1967 consists of 25,950 square feet. The school got an addition/partial modernization in 1996 of 11,467 square feet. During this 1996 project some of the existing HVAC equipment and systems unfortunately were left in place and are well beyond their useful life. The building continues to experience high humidity levels in the cooling season, building pressurization problems, equipment noise in the classroom due to unit ventilators, and has antiquated pneumatic temperature controls which can be controlled locally and require constant repair and maintenance. It is recommended that a comprehensive HVAC systemic renovation be performed, consisting of a four-pipe HVAC system with VAV's or ducted fan coil system for the classrooms. In addition, an energy recovery type, dedicated outside air system for the classrooms as well as for the new air handling units serving the bigger spaces such as the cafetorium and media center will provide improved indoor air quality and humidity control. Building temperature controls should be upgraded with DDC type alongside more efficient boilers, chiller and pumps in the mechanical room, tower and HVAC controller.

**PROJECT SCHEDULE:**

Design - October 2013 to April 2014; Award contract in May 2014; complete construction in August, 2015
Based on this tentative schedule the anticipated completion and occupancy is August 2014.

PROJECT STATUS:

N/A

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	268,600		268,600						268,600
Land Acquisition			0						0
Construction	3,187,100		3,187,100						3,187,100
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,455,700	0	3,455,700	0	0	0	0	0	3,455,700

FUNDING SCHEDULE

R7920 State Bonds	1,735,700		1,735,700						1,735,700
R7100 Prior Bonds	1,720,000		1,720,000						1,720,000
			0						0
			0						0
			0						0
			0						0
Total Funds	3,455,700	0	3,455,700	0	0	0	0	0	3,455,700

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$152,002

Annual Operating/Maintenance Cost: N/A

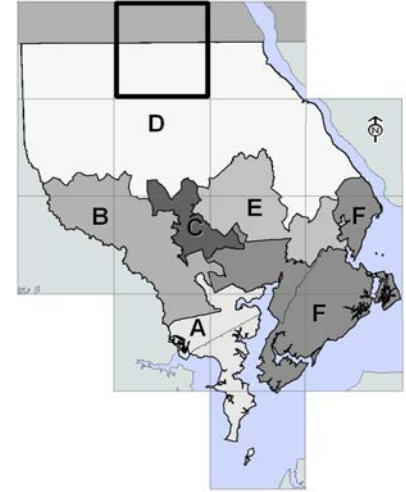
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,424,883
Encumbered	0
Total	\$1,424,883

PROJECT: North Harford High School Modernization**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Pylesville****B984164****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds to modernize the North Harford High School. The building was originally constructed in 1950.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project is complete; however, due to pending litigation contract close out is not complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	2,423,829		2,423,829						2,423,829
Land Acquisition			0						0
Construction	29,436,508		29,436,508						29,436,508
Inspection Fees	12,795		12,795						12,795
Equipment/Furnishing			0						0
Total Cost	31,873,132	0	31,873,132	0	0	0	0	0	31,873,132

FUNDING SCHEDULE

R1525 Transfer Tax	6,355,052		6,355,052						6,355,052
R7100 Prior Bonds	18,174,843		18,174,843						18,174,843
R8026 Reappropriated Transfer Tax	6,334,604		6,334,604						6,334,604
R8027 Reappropriated Recordation Tax	1,008,633		1,008,633						1,008,633
			0						0
			0						0
Total Funds	31,873,132	0	31,873,132	0	0	0	0	0	31,873,132

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,291,897

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

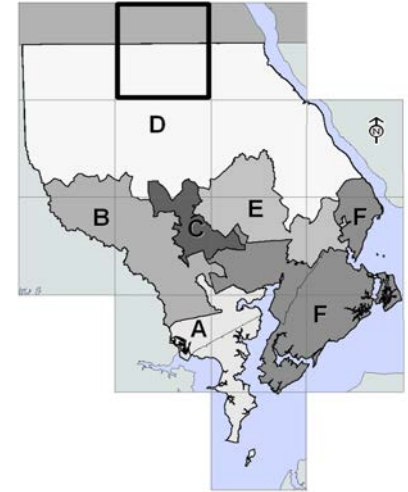
Expended	31,570,675
Encumbered	0
Total	\$31,570,675

PROJECT: North Harford Middle School Water System**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Pylesville****B034130****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funding for a domestic water treatment system for North Harford Middle School.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is complete, contract close out has been completed.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	211,114		211,114						211,114
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	261,114	0	261,114	0	0	0	0	0	261,114

FUNDING SCHEDULE

R1525 Transfer Tax	157,000		157,000						157,000
R8750 Paygo	104,114		104,114						104,114
			0						0
			0						0
			0						0
			0						0
Total Funds	261,114	0	261,114	0	0	0	0	0	261,114

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

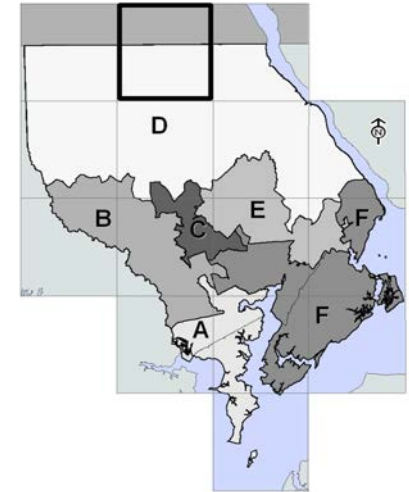
Expended	255,014
Encumbered	0
Total	\$255,014

PROJECT: North Harford Middle School Domestic Water Improvements**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Pylesville****B154108****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for replacement of a well and associated equipment to establish a new water supply service.

PROJECT SCHEDULE:

Design - October 2014 to April 2015; Award contract - May 2015; Complete construction - August 2015. Based on this tentative schedule the anticipated completion and occupancy is August 2015.

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,000,000		1,000,000						1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,000,000		1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$100,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Outdoor Track Reconditioning**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13018****PROJECT DESCRIPTION / JUSTIFICATION:**

This account provides to maintain existing high school tracks to replace specific surface areas to provide a seamless safe surface for the use by students and the public. The funds will provide minor repair for the running tracks consisting of power washing, repair patching and new layout track lines. Due to funding limitations, the last track repair was done in 2013. This lapse in time has created a backlog in required work. Continued deferral could lead to having to close tracks, then spend more money to replace them when they become unsafe to run on.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	200,000		200,000						200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	0	200,000	0	0	0	0	0	200,000

FUNDING SCHEDULE

R6999 Other BOE	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	0	200,000	0	0	0	0	0	200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Paving - Overlay and Maintenance**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B064127****PROJECT DESCRIPTION / JUSTIFICATION:**

Funding to provide bituminous concrete overlay, patching, and re-striping on existing driveways and parking lots. Associated curb work, sidewalks, and inlets as required.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,430,630		1,430,630						1,430,630
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,430,630	0	1,430,630	0	0	0	0	0	1,430,630

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
R6999 Other BOE	1,130,630		1,130,630						1,130,630
			0						0
			0						0
			0						0
			0						0
Total Funds	1,430,630	0	1,430,630	0	0	0	0	0	1,430,630

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	200,000
Encumbered	0
Total	\$200,000

PROJECT: Playground Equipment**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B144117****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds for the replacement of playground equipment at elementary schools. Schools in need of new playground equipment or schools where the equipment has been deemed unsafe, are scheduled for replacement under this project. The funding source for this project is a combination of private contributions, grants, Parent Teacher Associations and Harford County Government.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	350,000		350,000						350,000
Total Cost	350,000	0	350,000	0	0	0	0	0	350,000

FUNDING SCHEDULE

R8750 Paygo	350,000		350,000						350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	0	0	0	350,000

OPERATING BUDGET IMPACT:

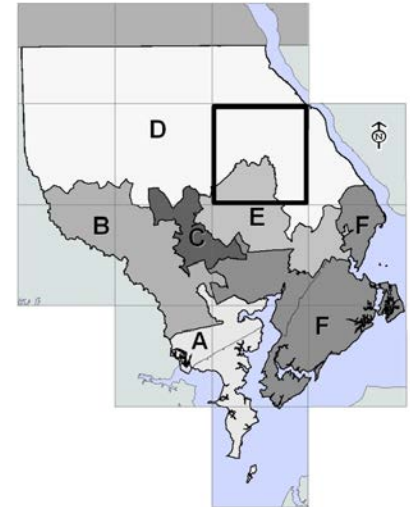
Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	253,723
Encumbered	0
Total	\$253,723

PROJECT: Prospect Mill Elementary School HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Fountain Green****B164111****PROJECT DESCRIPTION / JUSTIFICATION:**

Originally built in 1973 the building had three separate additions and renovations in 1990, 1999, and 2008 bringing the total square footage of the building to 75,538 SF. This HVAC renovation addresses the original building square footage of 54,050 SF. The existing systems consist of gas fired electrically cooled single zone packaged roof top units. These units were installed in 1998 under a systemic HVAC renovation. These type of units have a typical life of 15 years and should be replaced as part of an end of life HVAC replacement project. It is recommended that the replacement equipment be a gas fired electrically cooled VAV roof top unit with energy recovery features. This installation will be more efficient and provide better temperature and humidity control than the current HVAC system. As part of the project new ductwork and DDC controls will be installed. Also a part of this project is to convert open space classrooms to self-contained classrooms.

**PROJECT SCHEDULE:**

Design - Fall, 2015

Complete Construction - August, 2016

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,685,000		4,685,000						4,685,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,685,000	0	4,685,000	0	0	0	0	0	4,685,000

FUNDING SCHEDULE

R7920 State Bonds	2,391,000		2,391,000						2,391,000
R7100 Prior Bonds	2,294,000		2,294,000						2,294,000
									0
			0						0
			0						0
			0						0
Total Funds	4,685,000	0	4,685,000	0	0	0	0	0	4,685,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$228,294

Annual Operating/Maintenance Cost: N/A

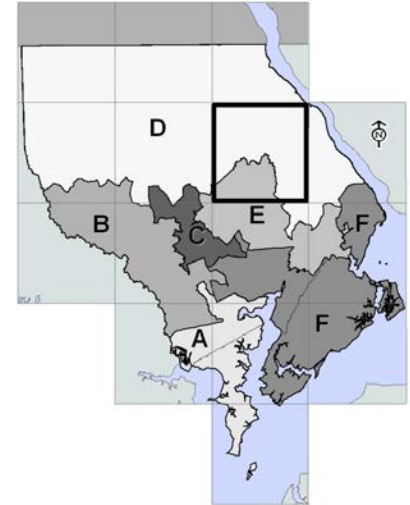
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	217,040
Encumbered	0
Total	\$217,040

PROJECT: Prospect Mill Elementary School**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Fountain Green****B074144****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funds for a gymnasium addition and interior modifications to address issues generated by overcrowding. The capacity of the building was not altered.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,986,241		1,986,241						1,986,241
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,986,241	0	1,986,241	0	0	0	0	0	1,986,241

FUNDING SCHEDULE

R7100 Prior Bonds	1,986,241		1,986,241						1,986,241
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,986,241	0	1,986,241	0	0	0	0	0	1,986,241

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$229,551

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

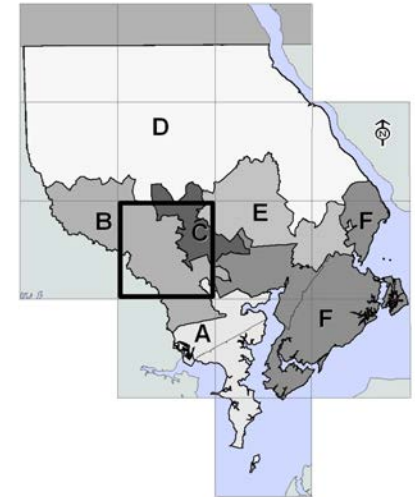
Expended 1,986,241

Encumbered 0

Total \$1,986,241

PROJECT: Red Pump Road Elementary School**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air****B064125****PROJECT DESCRIPTION / JUSTIFICATION:**

This new building consists of a 100,573 square foot elementary school with 22 regular, 5 kindergarten, 2 pre-kindergarten and 2 regional classroom support program classrooms. The need for this new school is based on the current overcapacity at schools to the north and east of Bel Air from past development growth and birth rate demographics. This will increase the overall elementary school State rated capacity an additional 696. The school design is a prototype building to be reused in a variety of configurations anticipating future elementary growth related to demographics as well as BRAC development. The design is modeled as a sustainable building to achieve maximum energy savings, although LEED certification was not sought. Off site sewer design services in progress and currently in the construction documentation phase. Harford County Water and Sewer Department has indicated that a public sewer pumping station will be ready for connection in the summer of 2012.

**PROJECT SCHEDULE:**

This project received a use and occupancy permit from the County. Occupancy took place in August, 2011.

PROJECT STATUS:

The construction phase is 100% complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,617,017		1,617,017						1,617,017
Land Acquisition			0						0
Construction	25,670,754		25,670,754						25,670,754
Inspection Fees			0						0
Equipment/Furnishing	2,549,709		2,549,709						2,549,709
Total Cost	29,837,480	0	29,837,480	0	0	0	0	0	29,837,480

FUNDING SCHEDULE

R7100 Prior Bonds	26,080,080		26,080,080						26,080,080
R8752 Paygo Impact Fee	2,000,000		2,000,000						2,000,000
R6999 Other BOE	1,757,400		1,757,400						1,757,400
			0						0
			0						0
Total Funds	29,837,480	0	29,837,480	0	0	0	0	0	29,837,480

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,111,111

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	28,026,343
Encumbered	0
Total	\$28,026,343

PROJECT: Replacement Vehicles**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****B034115****PROJECT DESCRIPTION / JUSTIFICATION:**

Funds are provided to replace facilities maintenance, transportation, food service and warehouse vehicles, staff cars, school based tractors (including smaller equipment), and facilities grounds equipment in accordance with a 5 year replacement plan which is prepared using fleet standards utilized by Harford County Government. These standards were derived from APWA (American Public Works Association) standards and are based on age, mileage and vehicle type. The plan reflects the average annual funding needs to maintain these standards. The exact vehicles to be replaced are determined each year to ensure maximum efficiency. The non-bus fleet consists of approximately 320 pieces of equipment, not including small equipment such as push mowers, weed eaters, snow blowers, etc.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	6,084,396		6,084,396						6,084,396
Total Cost	6,084,396	0	6,084,396	0	0	0	0	0	6,084,396

FUNDING SCHEDULE

R8750 Paygo	1,451,808		1,451,808						1,451,808
R6999 Other BOE	3,583,638		3,583,638						3,583,638
R7160 Lease Purchase	1,048,950		1,048,950						1,048,950
			0						0
			0						0
			0						0
Total Funds	6,084,396	0	6,084,396	0	0	0	0	0	6,084,396

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 2,000,758

Encumbered 0

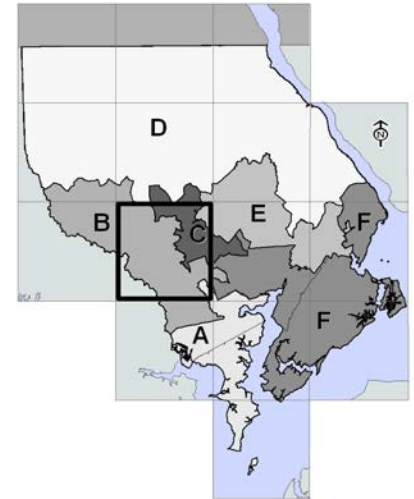
Total \$2,000,758

PROJECT: Ring Factory Elementary School HVAC Equipment Replacement Project**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air****B154114****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will fund the replacement of aging central plant equipment such as chillers, cooling towers, and controls at the Ring Factory Elementary School.

PROJECT SCHEDULE:

Design - October 2014 to April 2015; Award contract in May, 2015; complete construction August, 2015.
Based on this tentative schedule the anticipated completion and occupancy is August, 2015.

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	99,000		99,000						99,000
Land Acquisition			0						0
Construction	1,000,000		1,000,000						1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,099,000	0	1,099,000	0	0	0	0	0	1,099,000

FUNDING SCHEDULE

R7920 State Bonds	629,000		629,000						629,000
R7100 Prior Bonds	470,000		470,000						470,000
			0						0
			0						0
			0						0
Total Funds	1,099,000	0	1,099,000	0	0	0	0	0	1,099,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$46,049

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 315,714

Encumbered

Total \$315,714

PROJECT: Security Initiative Program for Schools**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B144134****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding to support the Governor's Security Initiative Program for schools. This program will allow for the purchase and installation of surveillance systems utilizing Internet Protocol (IP) cameras that allow the transmission of camera images over the internet to give remote access to administrators and emergency response personnel.

This project will also provide for proximity cards that enhance access control. A plastic card is encoded and records who can access a specific door, including the date and time of access. Remote access control will also be included, this will provide remote door control from the main office of a building. Visitors can ring a buzzer and the receptionist will have the ability to access or deny entrance via the remote door control.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,728,000		1,728,000						1,728,000
Total Cost	1,728,000	0	1,728,000	0	0	0	0	0	1,728,000

FUNDING SCHEDULE

R8750 Paygo	640,000		640,000						640,000
R3399 State Other	1,088,000		1,088,000						1,088,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,728,000	0	1,728,000	0	0	0	0	0	1,728,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	638,669
Encumbered	0
Total	\$638,669

PROJECT: Security Measures**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B054113****PROJECT DESCRIPTION / JUSTIFICATION:**

Funds will be used for upgrading existing security cameras with associated equipment at each school site on a routine basis depending on age and technology advancement. These funds will be used to refresh the visitor management system approximately every 5 years.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,735,000		1,735,000						1,735,000
Total Cost	1,735,000	0	1,735,000	0	0	0	0	0	1,735,000

FUNDING SCHEDULE

R8750 Paygo	700,000		700,000						700,000
R6999 Other BOE	1,035,000		1,035,000						1,035,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,735,000	0	1,735,000	0	0	0	0	0	1,735,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	682,887
Encumbered	0
Total	\$682,887

PROJECT: Septic Code Facility Upgrade**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13011****PROJECT DESCRIPTION / JUSTIFICATION:**

This capital project funds septic system upgrades to the new standards of the Maryland Department of Environment. The funding allows for the design, permitting and construction of new systems as well as the repair or upgrade to failing systems currently operating.

Funds will be used to upgrade the septic systems at the following schools such as Youth's Benefit, North Harford, Norrisville, Jarrettsville, North Bend, Dublin, Churchville, Darlington and Forest Hill Elementary Schools. In addition, these funds will be used at the following schools such as Fallston Middle/High Schools, North Harford Middle/High Schools, Harford Technical High School and John Archer School. The priority order will be determined during routine inspections.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,910,592		4,910,592						4,910,592
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,910,592	0	4,910,592	0	0	0	0	0	4,910,592

FUNDING SCHEDULE

R6999 Other BOE	4,910,592		4,910,592						4,910,592
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	4,910,592	0	4,910,592	0	0	0	0	0	4,910,592

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

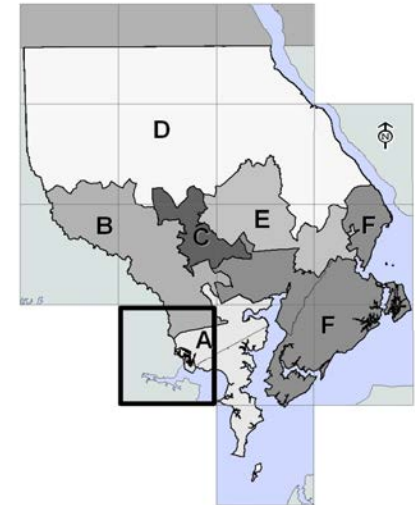
PROJECT: Stadium Upgrades - Joppatowne High School**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****B144119****PROJECT DESCRIPTION / JUSTIFICATION:**

This project consists of improvements related to safety, security and ADA to meet the latest codes.

PROJECT SCHEDULE:

Start design - October 2013; complete design - February 2014; bid contract - March 2014; award contract - May 2014.

Based on this tentative schedule the anticipated completion and occupancy is August 2014.

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	300,000		300,000						300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	267,773
Encumbered	0
Total	\$267,773

PROJECT: Stormwater Management, Erosion, Sediment Control**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B064128****PROJECT DESCRIPTION / JUSTIFICATION:**

This capital project funds the restoration of grounds and stormwater management facilities including erosion control, aeration and fertilization, and control of invasive species. Funds are also used to address critical stormwater piping failures and infrastructure repairs throughout the County. These funds are needed to comply with Federal, State and Local laws pertaining to stormwater management and groundwater discharge. Failure to address identified items impacts the County's compliance to State regulations.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	725,000		725,000						725,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	725,000	0	725,000	0	0	0	0	0	725,000

FUNDING SCHEDULE

R8750 Paygo	150,000		150,000						150,000
R6999 Other	575,000		575,000						575,000
			0						0
			0						0
			0						0
			0						0
Total Funds	725,000	0	725,000	0	0	0	0	0	725,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	150,000
Encumbered	0
Total	\$150,000

PROJECT: Technology Education Lab Refresh**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B164112****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds to update middle and high school Technology Education (old Industrial Arts shops) classrooms with current computer equipment and technology to reflect program changes defined by MSDE. The "Foundations of Technology" (FOT) course is required for all students in Harford County Public Schools as part of the State's graduation requirement. This project also includes funds to purchase furniture, computers, and engineering software for the Project Lead the Way Pre-Engineering Program to be phased in at all middle schools and selected high schools. The implementation of these programs is an essential component of the K-12 STEM Education Strategic Plan for Harford County Public Schools.

FY 16 funds will provide for: Adding Pre-Engineering GTT to Fallston Middle, Magnolia Middle and Patterson Mill Middle School; refresh Bel Air and Fallston High schools Tech Ed computers and printers to support current Autodesk suite requirements; update Tech Ed labs at Havre de Grace High School and Middle School; Update Tech Ed labs at Joppatowne HS and update Tech Ed labs furniture, tools and equipment

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	250,000		250,000						250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	250,000	0	250,000	0	0	0	0	0	250,000

FUNDING SCHEDULE

R8750 Paygo	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	0	250,000	0	0	0	0	0	250,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	250,000
Encumbered	0
Total	\$250,000

PROJECT: Textbook/Supplemental Materials Refresh**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****B064129****PROJECT DESCRIPTION / JUSTIFICATION:**

This project replaces textbooks, materials of instruction, and supplemental materials to provide the most current content, and to implement new instructional and assessment programs. Beginning with school year 2013-2014 the Common Core State standards will be fully implemented in all Harford County Public Schools. The Common Core State Standards establishes a single set of clear and rigorous educational standards for grades K-12 in Reading/English/Language Arts and Mathematics that the State of Maryland adopted in June, 2010. The standards are designed to ensure that students graduating from high school are prepared to enter credit bearing entry courses in two or four year college programs or enter the workforce. In order to maintain high levels of student achievement, all teachers need to infuse technology in daily instruction. Harford County Public Schools will be researching and examining textbooks, materials of instruction, and supplemental materials to support the implementation of these new standards and curricula. These materials continue to become increasingly dependent on technology, such as e-textbooks, electronic resources and software.

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,300,000		5,300,000						5,300,000
Total Cost	5,300,000	0	5,300,000	0	0	0	0	0	5,300,000

FUNDING SCHEDULE

R8750 Paygo	2,900,000		2,900,000						2,900,000
R6999 Other BOE	2,400,000		2,400,000						2,400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	5,300,000	0	5,300,000	0	0	0	0	0	5,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

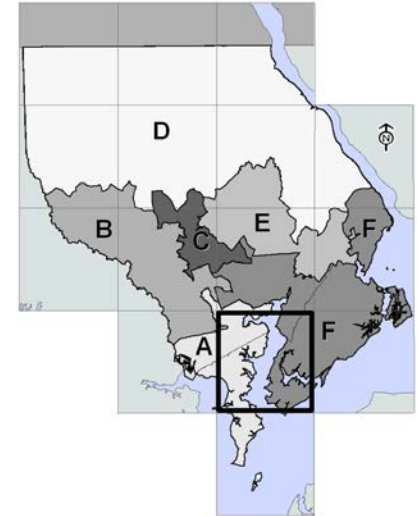
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,399,771
Encumbered	0
Total	\$2,399,771

PROJECT: William Paca Elementary School HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Abingdon****B124128****PROJECT DESCRIPTION / JUSTIFICATION:**

This facility is a two school campus, with the original buildings constructed in 1964 with a media center. The buildings do not have air conditioning. To provide equity amongst our schools a decision was made by the Board of Education to install a minimum cost system with a 15 year minimum equipment life expectancy to provide a desirable environmental atmosphere. The scope of the work is to install a Packaged Unit Ventilator System with its own cooling/compressor system built in and would include a hot water system. Existing heating unit ventilators with surrounding casework would be removed and replaced with new compatible casework.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	3,955,057		3,955,057						3,955,057
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,955,057	0	3,955,057	0	0	0	0	0	3,955,057

FUNDING SCHEDULE

R1525 Transfer Tax	375,000		375,000						375,000
R7100 Prior Bonds	3,580,057		3,580,057						3,580,057
			0						0
			0						0
			0						0
			0						0
Total Funds	3,955,057	0	3,955,057	0	0	0	0	0	3,955,057

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$287,388

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	3,953,433
Encumbered	0
Total	\$3,953,433

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM FY 2019	FY 2020	FY 2021	FY 2022

GENERAL FUND

SOLID WASTE SERVICES

FY 17 Funded Projects:

Scarboro Landfill Groundwater Treatment Plant	600,000	0	100,000	500,000	0	0	0	0
Waste-to-Energy Facility Closure	4,803,753	3,400,000	1,403,753	0	0	0	0	0
Waste-to-Energy Repairs 15	0	403,753	(403,753)	0	0	0	0	0

Open Projects:

Environmental Studies and Projects	1,440,900	1,440,900	0	0	0	0	0	0
Former Spencers Landfill Closure (East Side)	6,700,000	6,700,000	0	0	0	0	0	0
Full Cost Accounting Study	300,000	300,000	0	0	0	0	0	0
HWDC Compost Area Facilities	525,000	525,000	0	0	0	0	0	0
HWDC Expansion	20,570,354	20,570,354	0	0	0	0	0	0
HWDC Landfill Capping	9,320,000	9,320,000	0	0	0	0	0	0
HWDC Pavement Upgrades	200,000	200,000	0	0	0	0	0	0
Tollgate Landfill Gas System	1,034,679	1,034,679	0	0	0	0	0	0
Tollgate Yard Trim Recycling Center 15	1,375,081	1,375,081	0	0	0	0	0	0

Solid Waste Services Total by Project	46,869,767	45,269,767	1,100,000	500,000	0	0	0	0

Paygo	22,711,043	21,111,043	1,100,000	500,000	0	0	0	0
Reappropriated	2,693,283	2,693,283	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	21,125,441	21,125,441	0	0	0	0	0	0
Other	340,000	340,000	0	0	0	0	0	0

Solid Waste Services Total by Fund	46,869,767	45,269,767	1,100,000	500,000	0	0	0	0

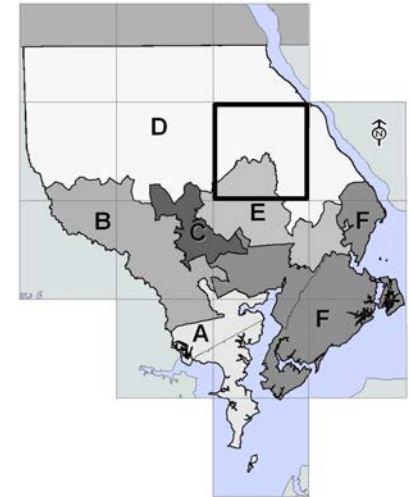
FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>SOLID WASTE SERVICES</u>													
SOLID WASTE SERVICES													
Scarboro Landfill Groundwater Treatment Plant Upgrades	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Waste-to-Energy Facility Closure	1,403,753	0	1,000,000	0	0	403,753	0	0	0	0	0	0	0
Waste to Energy Repairs	(403,753)	0	0	0	0	(403,753)	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	1,100,000	0	1,100,000	0	0	0	0	0	0	0	0	0	0

PROJECT: Scarboro Landfill Groundwater Treatment Plant Process Upgrades**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Scarboro****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the evaluation of existing process equipment, and design and construction of an upgraded system to ensure proper treatment of groundwater affected by the Scarboro Landfill. Proper operation of the treatment plant is required by a consent order and permit conditions issued by the Maryland Department of the Environment.

PROJECT SCHEDULE:

Evaluation and design FY 2017
Construction FY2018 - FY2019

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		100,000	100,000						100,000
Land Acquisition			0						0
Construction			0	500,000					500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	100,000	100,000	500,000	0	0	0	0	600,000

FUNDING SCHEDULE

R8750 Paygo		100,000	100,000	500,000					600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	100,000	100,000	500,000	0	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended
Encumbered
Total \$0

PROJECT: Waste-To-Energy Facility Closure**SOLID WASTE****COUNCIL DISTRICT: A****LOCATION: Magnolia****D145602****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for decommissioning and demolition of the Harford Waste-To-Energy facility after operating contract expires in 2016. This funding will provide for the removal of the Waste to Energy Plant.

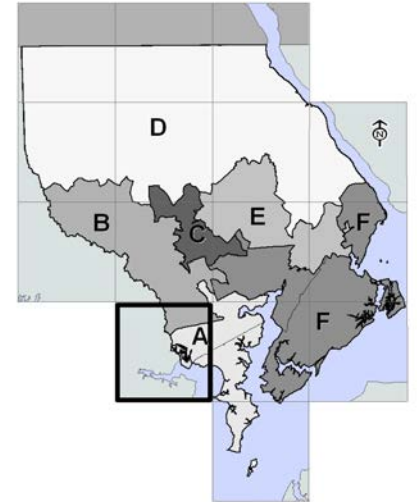
PROJECT SCHEDULE:

FY 14 Project Planning
 FY 16 Prepare drawings and specifications
 FY 16 Demolition of Plant and restoration of site

PROJECT STATUS:

Procurement of engineer is underway

\$403,753 in Reappropriated Paygo is from the Waste to Energy Repairs capital project that is being closed.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	3,000,000	1,403,753	4,403,753						4,403,753
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,400,000	1,403,753	4,803,753	0	0	0	0	0	4,803,753

FUNDING SCHEDULE

R8089 Reappropriated Paygo	400,000	403,753	803,753						803,753
R8750 Paygo	3,000,000	1,000,000	4,000,000						4,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	3,400,000	1,403,753	4,803,753	0	0	0	0	0	4,803,753

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Waste to Energy Repairs**SOLID WASTE****COUNCIL DISTRICT: A****LOCATION: Magnolia****D155603****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for non-routine repairs to the burner units, ash handling systems, upgrades and extraordinaires at the Harford Waste-To-Energy Plant. The age of the process equipment at the facility will result in more repairs and replacements.

This project is related to the Harford County Ten Year Solid Waste Management Plan.

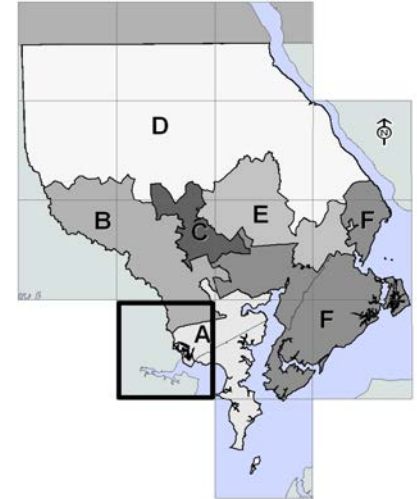
PROJECT SCHEDULE:

Ongoing repairs through 2016 (contract concludes in 2016).

PROJECT STATUS:

This project is closed.

Funding in the amount of \$403,753 in Reappropriated Paygo is being moved to the Waste to Energy Facility Closure project.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	403,753	(403,753)	0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	403,753	(403,753)	0	0	0	0	0	0	0

FUNDING SCHEDULE

R8089 Reappropriated Paygo	403,753	(403,753)	0						0
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	403,753	(403,753)	0	0	0			0	0

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

OPEN/ACTIVE PROJECTS

PROJECT: Environmental Studies and Projects**SOLID WASTE****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****D935602****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for continued groundwater and related environmental investigations at County-owned and/or operated landfills, as well as other various County projects and property acquisitions involving the environment.

This project relates to the Harford County Ten-Year Solid Waste Management Plan.

PROJECT SCHEDULE:

This project is ongoing

PROJECT STATUS:

This project is ongoing.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,440,900		1,440,900						1,440,900
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,440,900	0	1,440,900	0	0	0	0	0	1,440,900

FUNDING SCHEDULE

R8750 Paygo	1,040,900		1,040,900						1,040,900
R6999 Other	340,000		340,000						340,000
R8089 Reappropriated Paygo	60,000		60,000						60,000
			0						0
			0						0
			0						0
Total Funds	1,440,900	0	1,440,900	0	0	0	0	0	1,440,900

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,122,342
Encumbered	110,650
Total	\$1,232,992

PROJECT: Former Spencers Landfill Closure (East Side)**SOLID WASTE****COUNCIL DISTRICT: F****LOCATION: Abingdon****D125601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction of landfill cap and site restoration. This project is necessary to comply with the requirements and schedule mandated by the Maryland Department of the Environment (MDE) by an executed consent agreement.

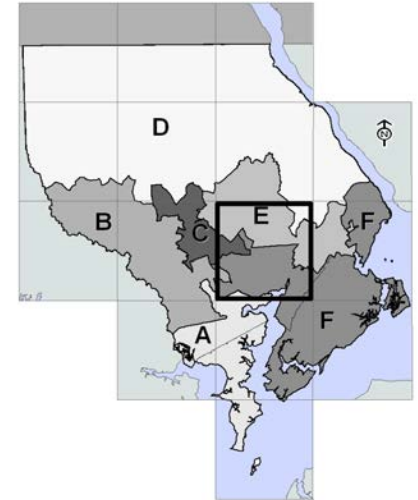
PROJECT SCHEDULE:

FY 13-14: Design and permitting

FY 15-16: Construction

PROJECT STATUS:

In progress.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	6,300,000		6,300,000						6,300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	6,700,000	0	6,700,000	0	0	0	0	0	6,700,000

FUNDING SCHEDULE

R8089 Reappropriated Paygo	400,000		400,000						400,000
R8750 Paygo	6,300,000		6,300,000						6,300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	6,700,000	0	6,700,000	0	0	0	0	0	6,700,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: \$78,000

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,888,559
Encumbered	3,153,432
Total	\$6,041,991

PROJECT: Full Cost Accounting Study**SOLID WASTE****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****D145601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will fund an evaluation of solid waste disposal systems costs as required to develop a long-term business plan and fee structure.

PROJECT SCHEDULE:

Complete work in FY14 and FY15

PROJECT STATUS:

Underway

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

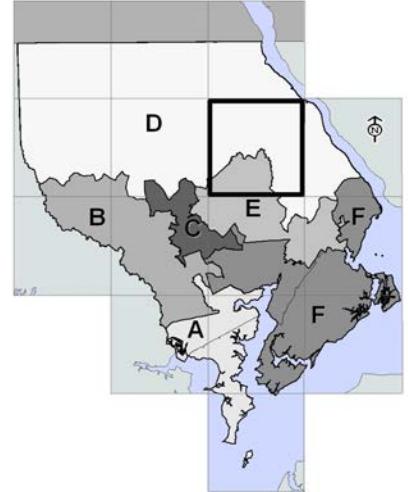
Financial Activity as of 1/5/16:

Expended	235,040
Encumbered	64,960
Total	\$300,000

PROJECT: HWDC Compost Area Facilities**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Scarborough****D075601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for basic facilities for personnel at the Harford Waste Disposal Center (HWDC) Compost Facility to include indoor restrooms, running water and a break/lunch room area. The current building does not have indoor restrooms or running water; employees are required to use outdoor portable restrooms and handwash stations. This project includes electric, new well and septic, heating, ventilation, air conditioning, water storage and other appurtenances for the mulch and compost operations.

This project is based on the Solid Waste Management Plan to provide for the processing of yard trim materials not permitted to be landfilled.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	525,000		525,000						525,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	525,000		525,000	0	0	0	0	0	525,000

FUNDING SCHEDULE

R7100 Prior Bonds	525,000		525,000						525,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	525,000	0	525,000	0	0	0	0	0	525,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$53,920

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	31,045
Encumbered	0
Total	\$31,045

PROJECT: HWDC Expansion**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Scarboro****D945610****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the permitting, engineering, and construction of landfill cells, a landfill gas control system, leachate management, office facilities, and facility related activities and appurtenances and land acquisition for additional buffer area and for future landfill expansion of the Harford Waste Disposal Center (HWDC).

This project is related to the Harford County Government Ten Year Solid Waste Management Plan. Design and construction of the N2 cell needs to commence immediately to continue to meet solid waste disposal needs.

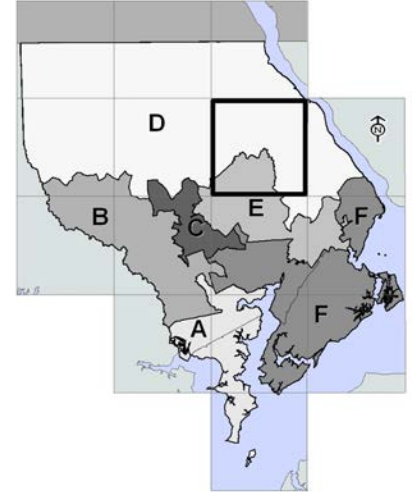
PROJECT SCHEDULE:

FY 14 - Complete design of cell N2

FY 14 - FY 15 Construction of Cell N2

PROJECT STATUS:

Under construction

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,081,013		1,081,013						1,081,013
Land Acquisition	1,900,000		1,900,000						1,900,000
Construction	17,589,340		17,589,340						17,589,340
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	20,570,353	0	20,570,353	0	0	0	0	0	20,570,353

FUNDING SCHEDULE

R7100 Prior Bonds	18,601,127		18,601,127						18,601,127
R8750 Paygo	800,000		800,000						800,000
R8089 Reappropriated Paygo	1,169,227		1,169,227						1,169,227
			0						0
			0						0
			0						0
Total Funds	20,570,354	0	20,570,354	0	0	0	0	0	20,570,354

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,850,855

Annual Operating/Maintenance Cost: n/a

New Positions (FTE's): 0

Financial Activity as of 1/5/16:

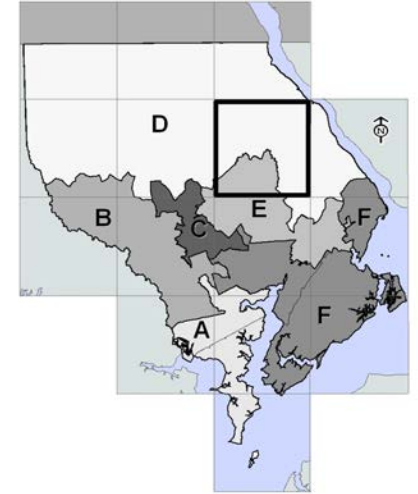
Expended 19,437,599

Encumbered 855,927

Total \$20,293,526

PROJECT: HWDC Landfill Capping**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Scarborough****D105601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the planning, design, and construction of the capping system required by the Refuse Disposal Permit to properly close completed landfill cells at the Harford Waste Disposal Center (HWDC).

**PROJECT SCHEDULE:**

Complete construction in FY16

PROJECT STATUS:

Under construction

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	8,770,000		8,770,000						8,770,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost	9,320,000	0	9,320,000	0	0	0	0	0	9,320,000

FUNDING SCHEDULE

R8750 Paygo	9,320,000		9,320,000						9,320,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	9,320,000	0	9,320,000	0	0	0	0	0	9,320,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	5,781,372
Encumbered	2,431,444
Total	\$8,212,816

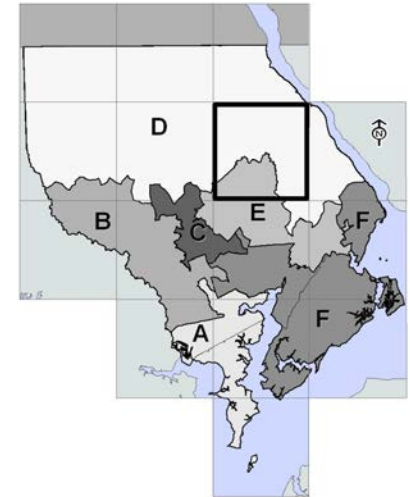
PROJECT: HWDC Pavement Upgrades**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Scarborough****D155601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the repair, upgrade and replacement of concrete and paved surfaces at the Harford Waste Disposal Center (HWDC). Wear is due to the heavy daily use by commercial and private vehicles and heavy landfill equipment. Existing pavement sections are failing. Pavement repair has been deferred since 2007.

Initial projects include the repair of deteriorated pavement area at the Homeowner Bins, Maintenance Shop and Compost Facility.

PROJECT SCHEDULE:**PROJECT STATUS:**

On going

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	200,000		200,000						200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	0	200,000	0	0	0	0	0	200,000

FUNDING SCHEDULE

R8089 Reappropriated Paygo	199,857		199,857						199,857
R8750 Paygo	143		143						143
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	0	200,000	0	0	0	0	0	200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Tollgate Landfill Gas System**SOLID WASTE****COUNCIL DISTRICT: B****LOCATION: Bel Air****D065601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to upgrade the system operating controls, evaluate and install energy recovery systems, and replace the existing flare with appropriately sized units. This upgrade is required to ensure continued operation of the landfill gas control system and protect life and property

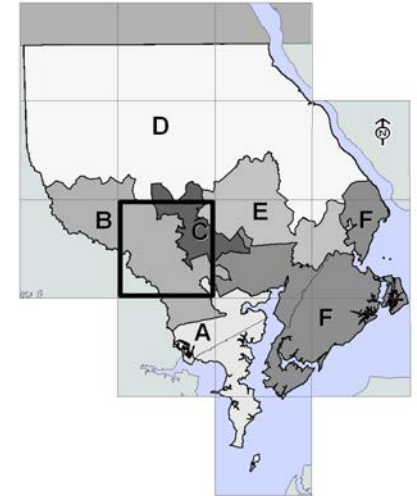
PROJECT SCHEDULE:

Bid construction in FY14

Complete construction in FY15

PROJECT STATUS:

Awaiting permits and approvals before bidding construction work.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	884,679		884,679						884,679
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,034,679	0	1,034,679	0	0	0	0	0	1,034,679

FUNDING SCHEDULE

R7100 Prior Bonds	650,000		650,000						650,000
R8089 Reappropriated Paygo	34,679		34,679						34,679
R8750 Paygo	350,000		350,000						350,000
			0						0
			0						0
			0						0
Total Funds	1,034,679	0	1,034,679	0	0	0	0	0	1,034,679

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$75,257

Annual Operating/Maintenance Cost: N/A

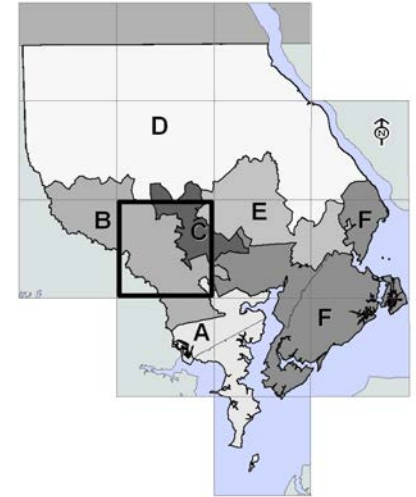
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,033,333
Encumbered	497
Total	\$1,033,830

PROJECT: Tollgate Yard Trim Recycling Center 15**SOLID WASTE****COUNCIL DISTRICT: B****LOCATION: Bel Air****D155602****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction of a new permanent facility at the Tollgate Landfill site for yard trim material collection and transportation. The project includes a new customer service building with personnel facilities, a new storage building for materials and equipment, site utilities and lighting, improvements to site security, stormwater management facilities, and paving. The new design will improve safety and service to over 2,000 customers per day. This project is related to the Harford County Ten Year Solid Waste Management Plan to promote recycling and provide for proper solid waste management.

**PROJECT SCHEDULE:**

Begin design in FY15

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,375,081		1,375,081						1,375,081
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,375,081	0	1,375,081	0	0	0	0	0	1,375,081

FUNDING SCHEDULE

R8089 Reappropriated Paygo	25,767		25,767						25,767
R7100 Prior Bonds	1,349,314		1,349,314						1,349,314
			0						0
			0						0
			0						0
			0						0
Total Funds	1,375,081	0	1,375,081	0	0	0	0	0	1,375,081

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$134,651

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	25,000
Encumbered	0
Total	\$25,000

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HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
<u>PARKS & RECREATION FUND</u>								
<u>FY 17 Funded Projects:</u>								
ADA Improvements	584,307	134,307	150,000	50,000	75,000	50,000	75,000	50,000
Anita C. Leight Improvements	930,000	495,000	235,000	0	200,000	0	0	0
Athletic Field Improvements	13,900,000	9,450,000	1,550,000	150,000	1,025,000	575,000	575,000	575,000
Bleacher Renovations	790,000	370,000	60,000	60,000	60,000	80,000	80,000	80,000
Canoe and Kayak Water Access	725,000	200,000	250,000	0	0	75,000	200,000	0
Cedar Lane Sports Complex Improvements	2,161,000	1,911,000	250,000	0	0	0	0	0
Churchville Center Renovations	575,000	500,000	75,000	0	0	0	0	0
Demarco Memorial Park Improvements	40,000	0	40,000	0	0	0	0	0
Eden Mill Park Rehabilitation	905,000	805,000	50,000	0	0	0	50,000	0
Emily Bayliss Graham Park	2,600,000	1,375,000	200,000	0	0	525,000	500,000	0
Emmorton Recreation & Tennis Center Improvements	1,070,000	820,000	150,000	0	100,000	0	0	0
Facility Renovations	1,730,000	980,000	225,000	125,000	100,000	100,000	100,000	100,000
Flying Point Improvements	124,000	109,000	15,000	0	0	0	0	0
Gunpowder River Dredging	1,674,000	1,354,000	80,000	30,000	210,000	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	1,224,000	974,000	250,000	0	0	0	0	0
Park Improvements	1,130,000	620,000	160,000	90,000	65,000	65,000	65,000	65,000
Parking Lot Paving	1,204,000	349,000	150,000	200,000	55,000	150,000	150,000	150,000
Parkland Acquisition	9,591,000	4,256,000	1,050,000	1,050,000	740,000	795,000	850,000	850,000
Playground Equipment	2,780,000	1,655,000	150,000	225,000	150,000	150,000	225,000	225,000
Rockfield Park Improvements	470,000	100,000	70,000	100,000	0	100,000	100,000	0
Swan Harbor Farm Improvements	1,739,000	389,000	150,000	150,000	1,050,000	0	0	0
SWM Pond Repair and Renovation	1,020,000	350,000	100,000	110,000	110,000	110,000	120,000	120,000
Tennis/Multipurpose Court	1,140,000	590,000	50,000	100,000	100,000	100,000	100,000	100,000
Tollgate Woodshop	75,000	0	25,000	0	0	50,000	0	0
Trails and Linear Parks	4,550,000	300,000	2,250,000	0	0	0	2,000,000	0
Tydings Park Improvements	400,000	0	400,000	0	0	0	0	0
<u>Outyear Projects:</u>								
Aberdeen Activity Center	8,500,000	0	0	0	0	500,000	8,000,000	0
Backstop Renovations	520,000	270,000	0	0	50,000	100,000	50,000	50,000
Benson Field Development	1,100,000	0	0	0	0	100,000	1,000,000	0
Blake's Venture Park	1,300,000	0	0	0	0	0	100,000	1,200,000
Bulkhead Renovations	650,000	0	0	0	40,000	535,000	0	75,000
Bush River Dredging and DMP Site 16	1,725,000	0	0	0	150,000	1,575,000	0	0
Darlington Park Development	2,395,000	1,895,000	0	0	0	500,000	0	0
Disc Golf Course	100,000	50,000	0	50,000	0	0	0	0
Dublin Community Park	1,150,000	0	0	0	0	150,000	0	1,000,000
Edgeley Grove Farm-Smith Property	4,450,000	4,350,000	0	0	0	100,000	0	0
Edgewood Recreation and Community Center	250,000	100,000	0	150,000	0	0	0	0
Edgewood Recreation Park	650,000	0	0	500,000	50,000	0	100,000	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

PARKS & RECREATION FUND

Outyear Projects (cont.):

Enlarged Gymnasiums & Joint Facilities	1,200,000	600,000	0	600,000	0	0		
Equestrian Center Improvements	625,000	325,000	0	100,000	100,000	100,000	0	0
Fallston Maintenance Shop	350,000	50,000	0	300,000	0	0	0	0
Havre de Grace Yacht Basin Dredging	600,000	0	0	50,000	550,000	0	0	0
Jarrettsville Recreation Center	7,010,775	510,775	0	0	0	0	0	6,500,000
Joppa/Joppatowne Youth/Senior Center	500,000	0	0	0	0	0	0	500,000
Liriodendron Improvements	570,000	145,000	0	250,000	75,000	0	0	100,000
Magnolia Complex Development	2,480,000	2,055,000	0	425,000	0	0	0	0
Mariner Point Park Renovations	411,000	361,000	0	0	0	0	0	50,000
Natural Turf Improvements	1,840,000	1,090,000	0	150,000	150,000	150,000	150,000	150,000
Norrisville Park	1,325,000	0	0	0	125,000	1,050,000	150,000	0
Northern Regional Park	1,075,000	575,000	0	0	0	0	0	500,000
Oakington Farms - Tydings Park	2,900,000	1,900,000	0	0	0	1,000,000	0	0
Perryman Park Development	125,000	0	0	0	0	0	125,000	0
Prospect Mill Park	600,000	0	0	100,000	500,000	0	0	0
Red Pump Elementary School Facilities	175,000	0	0	50,000	125,000	0	0	0
Robert Copenhagen Park Improvements	800,000	300,000	0	0	0	0	0	500,000
Tudor Hall Rehabilitation	650,000	500,000	0	150,000	0	0	0	0
Vale Road Park	1,500,000	0	0	100,000	1,000,000	0	0	400,000

Open Projects:

Abingdon Road Park	150,000	150,000	0	0	0	0	0	0
Broad Creek Boat Launch Ramp	679,000	679,000	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0
Debris/Derelict Boats	100,000	100,000	0	0	0	0	0	0
Fallston Recreation Complex Improvements	325,000	325,000	0	0	0	0	0	0
Francis Silver Park Improvements	25,000	25,000	0	0	0	0	0	0
Harford Center for the Arts	50,000	50,000	0	0	0	0	0	0
Heavenly Waters Park - Soma	100,000	100,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

PARKS & RECREATION FUND

Open Projects (cont.):

Heavenly Waters Park	2,120,000	2,120,000	0	0	0	0	0	0
Jarrettsville Complex Restrooms	350,000	350,000	0	0	0	0	0	0
Joppatowne Area Dredging	990,000	990,000	0	0	0	0	0	0
McFaul Activity Center Renovations	251,000	251,000	0	0	0	0	0	0
Nuttal Avenue Park Development	500,000	500,000	0	0	0	0	0	0
Promenade Park	15,000	15,000	0	0	0	0	0	0
Schucks Road Regional Complex	8,110,415	8,110,415	0	0	0	0	0	0

Parks & Rec Total by Project	122,980,327	65,485,327	8,135,000	5,415,000	6,955,000	8,785,000	14,865,000	13,340,000

Paygo	4,233,322	3,283,322	300,000	550,000	0	100,000	0	0
Special Paygo	0	0	0	0	0	0	0	0
Future Bonds	20,550,000	0	0	750,000	2,075,000	1,075,000	8,575,000	8,075,000
Prior Bonds	22,006,830	20,456,830	1,550,000	0	0	0	0	0
Reappropriated	5,119,935	4,709,935	410,000	0	0	0	0	0
Recordation Tax	29,918,933	14,718,933	1,655,000	2,155,000	2,040,000	2,790,000	2,855,000	3,705,000
State	7,171,000	3,891,000	200,000	50,000	915,000	2,040,000	0	75,000
Program Open Space	16,401,000	9,326,000	1,000,000	1,575,000	1,450,000	1,000,000	800,000	1,250,000
Federal	4,325,000	1,325,000	2,000,000	0	0	0	1,000,000	0
Developer	1,440,000	985,000	150,000	105,000	75,000	25,000	50,000	50,000
Other	11,814,307	6,789,307	870,000	230,000	400,000	1,755,000	1,585,000	185,000

Parks & Rec Total by Fund	122,980,327	65,485,327	8,135,000	5,415,000	6,955,000	8,785,000	14,865,000	13,340,000

TOTAL PARKS & RECREATION CAPITAL	122,980,327	65,485,327	8,135,000	5,415,000	6,955,000	8,785,000	14,865,000	13,340,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

PARKS & RECREATION FUND

PARKS & RECREATION

ADA Improvements	150,000	0	0	0	0	0	0	150,000	0	0	0	0	0
Anita C. Leight Center Improvements	235,000	0	0	0	0	0	0	135,000	100,000	0	0	0	0
Athletic Field Improvements	1,550,000	0	0	1,550,000	0	0	0	0	0	0	0	0	0
Bleacher Renovations	60,000	0	0	0	0	0	0	30,000	0	0	0	0	30,000
Canoe and Kayak Water Access	250,000	0	0	0	0	50,000	0	50,000	100,000	0	0	0	50,000
Cedar Lane Sports Complex Improvements*	250,000	0	150,000	0	0	0	0	0	0	0	0	0	100,000
Churchville Center Renovations	75,000	0	0	0	0	0	0	75,000	0	0	0	0	0
Demarco Memorial Park Improvements	40,000	0	0	0	0	20,000	0	0	0	0	0	0	20,000
Eden Mill Park Rehabilitation	50,000	0	0	0	0	50,000	0	0	0	0	0	0	0
Emily Bayliss Graham Park	200,000	0	0	0	0	0	0	200,000	0	0	0	0	0
Emmorton Recreation and Tennis Center Improvements	150,000	0	0	0	0	75,000	0	0	0	0	0	0	75,000
Facility Renovations	225,000	0	0	0	0	0	0	125,000	0	0	0	0	100,000
Flying Point Park Improvements	15,000	0	0	0	0	0	0	15,000	0	0	0	0	0
Gunpowder River Dredging	80,000	0	0	0	0	0	0	80,000	0	0	0	0	0
Indoor Recreation Facility Forest Hill/Hickory	250,000	0	0	0	0	0	0	250,000	0	0	0	0	0
Park Improvements	160,000	0	0	0	0	0	0	60,000	0	0	0	100,000	0
Parking Lot Paving	150,000	0	0	0	0	0	0	150,000	0	0	0	0	0
Parkland Acquisition	1,050,000	0	0	0	0	0	0	50,000	0	1,000,000	0	0	0
Playground Equipment	150,000	0	0	0	0	0	0	100,000	0	0	0	50,000	0
Rockfield Park Improvements	70,000	0	0	0	0	0	0	35,000	0	0	0	0	35,000
Swan Harbor Farm Improvements**	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SWM Pond Repair and Renovation	100,000	0	0	0	0	0	0	100,000	0	0	0	0	0
Tennis/Multipurpose Court	50,000	0	0	0	0	0	0	50,000	0	0	0	0	0
Tollgate Woodshop	25,000	0	0	0	0	15,000	0	0	0	0	0	0	10,000
Trails and Linear Parks	2,250,000	0	0	0	0	0	0	0	0	0	2,000,000	0	250,000
Tydings Park Improvements	400,000	0	0	0	0	200,000	0	0	0	0	0	0	200,000

*Paygo Hotel Tax Revenue

**Paygo Special Revenue

TOTAL PARKS & RECREATION CAPITAL	8,135,000	0	300,000	1,550,000	0	410,000	0	1,655,000	200,000	1,000,000	2,000,000	150,000	870,000

PROJECT: ADA Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P144120****PROJECT DESCRIPTION / JUSTIFICATION:**

This project reflects Harford County's commitment to provide access to County parks for individuals with disabilities. All new and recently reconstructed facilities meet these standards. Inspections of older facilities have identified needed improvements. This project will provide funding for the necessary engineering and construction. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:

FY17: Construction

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	134,307	150,000	284,307	50,000	75,000	50,000	75,000	50,000	584,307
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	134,307	150,000	284,307	50,000	75,000	50,000	75,000	50,000	584,307

FUNDING SCHEDULE

R1515 Recordation Tax	100,000	150,000	250,000	50,000	75,000	50,000	75,000	50,000	550,000
R6999 Other	34,307		34,307						34,307
			0						0
			0						0
			0						0
			0						0
Total Funds	134,307	150,000	284,307	50,000	75,000	50,000	75,000	50,000	584,307

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	66,874
Encumbered	1,668
Total	\$68,542

PROJECT: Anita C. Leight Center Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Abingdon****P104119****PROJECT DESCRIPTION / JUSTIFICATION:**

The Anita C. Leight Center is nearing 20 years old and will be requiring maintenance work and improvements in upcoming years. Prior funding has been used for improvements to the roadway leading to the Center's boat launch and engineering for parking lot repairs. Additional funding for the parking lot project may be received from the Coastal Zone Management Program. FY 17 funding is proposed for replacement of the HVAC system at the Center. The system has reached the end of its useful life. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program.

PROJECT SCHEDULE:

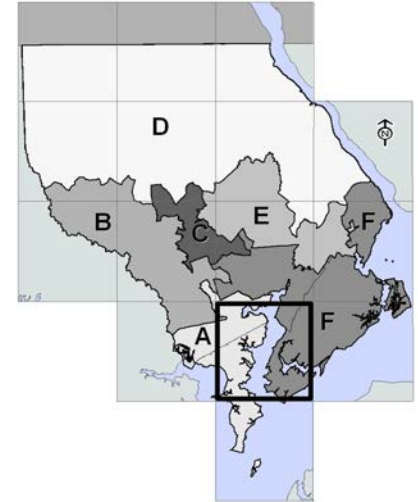
FY16: Parking lot engineering

FY 17: HVAC replacement

PROJECT STATUS:

Improvements and repairs to the Center's boat launch are complete.

A feasibility study for parking lot improvements, including possible pervious paving, is underway.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	160,000	10,000	170,000						170,000
Land Acquisition			0						0
Construction	325,000	215,000	540,000		200,000				740,000
Inspection Fees	10,000	10,000	20,000						20,000
Equipment/Furnishing			0						0
Total Cost	495,000	235,000	730,000	0	200,000	0	0	0	930,000

FUNDING SCHEDULE

R1515 Recordation Tax	305,000	135,000	440,000		100,000				540,000
R6999 Other	100,000		100,000		100,000				200,000
R3380 Program Open Space	90,000		90,000						90,000
R3399 State Other		100,000	100,000						100,000
			0						0
			0						0
Total Funds	495,000	235,000	730,000	0	200,000	0	0	0	930,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	107,788
Encumbered	33,966
Total	\$141,754

PROJECT: Athletic Field Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P084117****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes major improvements to athletic fields at various locations throughout the County by the installation of synthetic turf. To date, synthetic turf has been installed at North Harford High School, Cedar Lane Regional Park, Fallston Recreation Complex, Tucker Field, Havre de Grace High School, C. Milton Wright High School, Aberdeen High School and Joppatowne High School with County funds and contributions from Bel Air and Fallston Recreation Councils. FY 2017 funds will be utilized for construction at Fallston High School.

With the joint use agreement between Parks and Recreation and HCPS for turf fields, this will greatly benefit the programs of the Fallston Recreation Council, as well as school athletics. Future projects may include major County parks as well as schools.

This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program recommendations. Funds will be needed in the future for the replacement of the synthetic surface.

**PROJECT SCHEDULE:**

FY 17: Fallston High School - Construction

FY 18: Patterson Mill Middle-High School-Engineering

PROJECT STATUS:

Construction of the synthetic turf field at Joppatowne High School was completed in December, 2014

Engineering of the synthetic turf field at Fallston High School began in September 2014. Construction is scheduled to begin in June 2016.

Prior bond funding in the amount of \$1,550,000 is from the New Emergency Operations Center capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	525,000		525,000	150,000					675,000
Land Acquisition			0						0
Construction	8,630,000	1,500,000	10,130,000		1,000,000	575,000	575,000	575,000	12,855,000
Inspection Fees	295,000	50,000	345,000		25,000				370,000
Equipment/Furnishing			0						0
Total Cost	9,450,000	1,550,000	11,000,000	150,000	1,025,000	575,000	575,000	575,000	13,900,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,100,000		1,100,000						1,100,000
R6999 Other	800,000		800,000						800,000
R7000 Future Bonds			0	150,000	1,025,000	575,000	575,000	575,000	2,900,000
R7100 Prior Bonds	7,300,000	1,550,000	8,850,000						8,850,000
R8092 Reappropriated Recordation Tax	250,000		250,000						250,000
			0						0
Total Funds	9,450,000	1,550,000	11,000,000	150,000	1,025,000	575,000	575,000	575,000	13,900,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$623,208

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	8,469,217
Encumbered	6,525
Total	\$8,475,742

PROJECT: Bleacher Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P094123****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the replacement of existing bleachers which do not meet current safety standards and ADA access requirements. Priority for replacements is based on a comprehensive survey of all sites. Recreation council participation will be included to provide opportunities for additional units. Previous approved funds have provided units to meet the most critical situations. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17 - FY 22: Purchase and installation of bleacher units

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	370,000	60,000	430,000	60,000	60,000	80,000	80,000	80,000	790,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	370,000	60,000	430,000	60,000	60,000	80,000	80,000	80,000	790,000

FUNDING SCHEDULE

R1515 Recordation Tax	200,000	30,000	230,000	30,000	30,000	40,000	40,000	40,000	410,000
R6999 Other	170,000	30,000	200,000	30,000	30,000	40,000	40,000	40,000	380,000
			0						0
			0						0
			0						0
			0						0
Total Funds	370,000	60,000	430,000	60,000	60,000	80,000	80,000	80,000	790,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	155,697
Encumbered	0
Total	\$155,697

PROJECT: Canoe and Kayak Water Access**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P164113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes construction of canoe and kayak launches along various waterways throughout the County. The first site will be located where Deer Creek crosses Conowingo Road. The project will provide additional recreation opportunities along waterways, such as Deer Creek. The possible sites can be developed, where appropriate, in conjunction with the State Highway Administration as part of bridge improvement projects along State roads and through private funding when available. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16 - Engineering

FY 17 - Construction

PROJECT STATUS:

Engineering for the project is underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	50,000		50,000			75,000			125,000
Land Acquisition			0						0
Construction	150,000	230,000	380,000				200,000		580,000
Inspection Fees		20,000	20,000						20,000
Equipment/Furnishing			0						0
Total Cost	200,000	250,000	450,000	0	0	75,000	200,000	0	725,000

FUNDING SCHEDULE

R6999 Other	100,000	50,000	150,000			25,000	100,000		275,000
R1515 Recordation Tax		50,000	50,000			25,000	100,000		175,000
R3399 State Other	100,000	100,000	200,000			25,000			225,000
R8092 Reappropriated Recordation Tax		50,000	50,000						50,000
			0						0
			0						0
Total Funds	200,000	250,000	450,000	0	0	75,000	200,000	0	725,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$629,408

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	21,640
Total	\$21,640

PROJECT: Cedar Lane Sports Complex Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Creswell****P104111****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes improvements and amenities at the Cedar Lane Regional Sports Complex to include a building for multiple uses such as an office, meeting space, locker room/restrooms, storage and possible concession sales. Additional improvements including field lighting, bleachers, natural turf field improvements, additional synthetic turf fields and pavilions will be funded through a partnership with the Cedar Lane Sports Foundation who will manage the operation of the complex in concert with the Department.

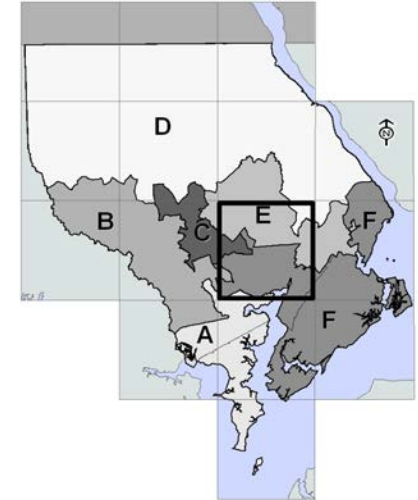
This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17 - Installation of fencing along the outfield at the baseball diamond
 FY 17 - Electrical improvements and pavilion construction

PROJECT STATUS:

Construction of electrical and accessibility improvements continue. Accessibility improvements began in FY15.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	32,500		32,500						32,500
Land Acquisition			0						0
Construction	1,816,000	235,000	2,051,000						2,051,000
Inspection Fees	62,500	15,000	77,500						77,500
Equipment/Furnishing			0						0
Total Cost	1,911,000	250,000	2,161,000	0	0	0	0	0	2,161,000

FUNDING SCHEDULE

R6999 Other	1,000,000	100,000	1,100,000						1,100,000
R8750 Paygo	661,000		661,000						661,000
R7100 Prior Bonds	100,000		100,000						100,000
R8089 Reappropriated Paygo	150,000		150,000						150,000
R8753 Paygo Hotel Tax Revenue		150,000	150,000						150,000
			0						0
Total Funds	1,911,000	250,000	2,161,000	0	0	0	0	0	2,161,000

OPERATING BUDGET IMPACT:

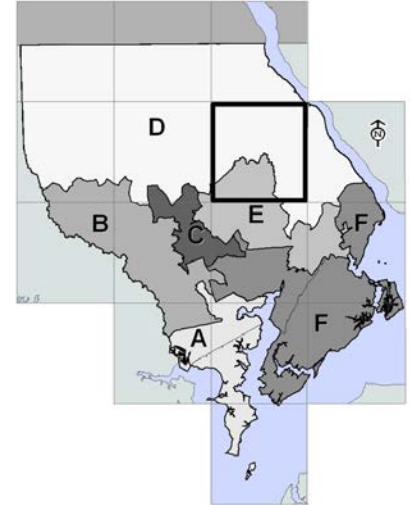
Estimated Annual Debt Service Cost: \$8,623
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	322,850
Encumbered	19,988
Total	\$342,838

PROJECT: Churchville Center Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Churchville****P104112****PROJECT DESCRIPTION / JUSTIFICATION:**

The existing Churchville Recreation Center and associated outbuildings are more than fifteen years old and basic systems need renovation or upgrades. Outside funds will be used for building renovations for expansion of the gymnastic facilities following construction of a new facility for Churchville Recreation Council Programs. Future projects will be identified as needs occur. Maintenance and upgrading of existing facilities are critical to protecting the County's investment in this indoor recreation center. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16: Replacement of the storage barn with a metal building

FY 17: Renovations to the HVAC system.

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	495,000	75,000	570,000						570,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	500,000	75,000	575,000	0	0	0	0	0	575,000

FUNDING SCHEDULE

R1515 Recordation Tax	100,000	75,000	175,000						175,000
R6999 Other	200,000		200,000						200,000
R8089 Reappropriated Paygo	200,000		200,000						200,000
			0						0
			0						0
			0						0
Total Funds	500,000	75,000	575,000	0	0	0	0	0	575,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	148,641
Encumbered	0
Total	\$148,641

PROJECT: Demarco Memorial Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Aberdeen****New****PROJECT DESCRIPTION / JUSTIFICATION:**

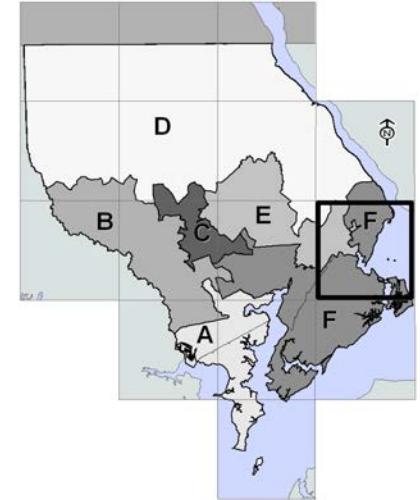
This project is for improvements to the fencing at Demarco Memorial Park along Route 22. Future road plans call for the expansion of Route 22 in the area of Demarco Memorial Park. This project is for the installation of a 20 foot high fence along the stretch of the park that faces Route 22. This will reduce safety issues between the park and Route 22 and will minimize the amount of balls that may leave the park and land on Route 22. This project supports the goals and objectives of the 2013 Land Preservation, Parks, and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17 - Construction

PROJECT STATUS:

This project is not yet funded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		40,000	40,000						40,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	40,000	40,000	0	0	0	0	0	40,000

FUNDING SCHEDULE

R8092 Reappropriated Recordation Tax		20,000	20,000						20,000
R6999 Other		20,000	20,000						20,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	40,000	40,000	0	0	0	0	0	40,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

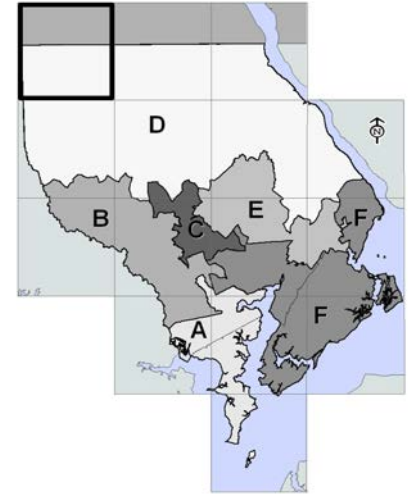
Expended

Encumbered

Total \$0

PROJECT: Eden Mill Park Rehabilitation**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Pylesville****P104113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project continues renovations and improvements to Eden Mill, including repair of the main park trail connection at the Nature Center. Maintenance and upgrading of the existing facilities is critical to protecting the County's investment in this historic building and increased usability as a nature center and community attraction. Efforts remain underway by the Recreation Council to utilize the electrical generation capability of the facility. State or Federal funding may be available from a variety of sources, such as DNR Waterway Improvements, Urban Forestry programs or the Federal Department of Energy. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16 - Engineering to park trail connection

FY 17 - Repairs to park trail connection

PROJECT STATUS:

Project is open and ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	765,000	50,000	815,000				50,000		865,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	805,000	50,000	855,000	0	0	0	50,000	0	905,000

FUNDING SCHEDULE

R6999 Other	250,000		250,000				50,000		300,000
R8092 Reappropriated Recordation Tax	350,000	50,000	400,000						400,000
R1515 Recordation Tax	205,000		205,000						205,000
			0						0
			0						0
			0						0
Total Funds	805,000	50,000	855,000	0	0	0	50,000	0	905,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	524,000
Encumbered	0
Total	\$524,000

PROJECT: Emily Bayliss Graham Park**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Emmorton****P124120****PROJECT DESCRIPTION / JUSTIFICATION:**

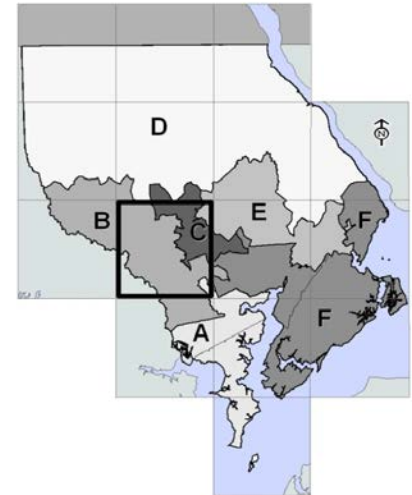
Emily Bayliss Graham Park will focus on passive park development for a site in Emmorton. In fulfillment of Mrs. Graham's wishes for the property, the park will include the natural trails, picnic pavilions and opportunities for the public to learn about the history of the site and surrounding community. The initial step was the preparation of a site master plan and review of the existing structures. Additional environmental studies will be done to determine the trail placement so as to minimize habitat disturbance. Preservation of this tract will provide critically needed public open space. Additional residential growth is anticipated in the area and will generate demand for parks. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 15: Environment studies

FY 16: Initial Park design

FY 17: Engineering and Construction

**PROJECT STATUS:**

An environmental study of the property was recently completed

Structural repair and weather proofing of the farmhouse is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	450,000	45,000	495,000						495,000
Land Acquisition			0						0
Construction	880,000	150,000	1,030,000			500,000	475,000		2,005,000
Inspection Fees	45,000	5,000	50,000			25,000	25,000		100,000
Equipment/Furnishing			0						0
Total Cost	1,375,000	200,000	1,575,000	0	0	525,000	500,000	0	2,600,000

FUNDING SCHEDULE

R6999 Other	1,175,000		1,175,000			525,000	250,000		1,950,000
R8027 Reappropriated Recordation Tax	50,000		50,000						50,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax		200,000	200,000				250,000		450,000
			0						0
			0						0
Total Funds	1,375,000	200,000	1,575,000	0	0	525,000	500,000	0	2,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	37,880
Encumbered	1,650
Total	\$39,530

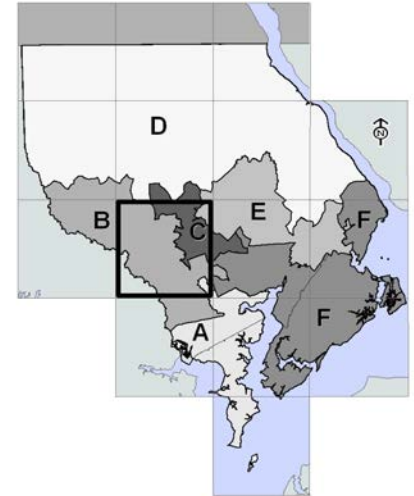
PROJECT: Emmorton Recreation and Tennis Center Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Emmorton****P114121****PROJECT DESCRIPTION / JUSTIFICATION:**

The Emmorton Recreation and Tennis Center (ERTC) includes both new structures and those built more than 25 years ago. As the structures age and recreation trends change, existing facilities require improvements and upgrades. This project provides funding for renovation of systems and structures as needed. Additional funding may come from fee-in-lieu of payments from developers or from the Emmorton Recreation Council. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 16 - Replacement of signage at the Activity Center.

FY 17 - Installation of air-conditioning in the gymnasium and batting cage area of the Activity Center.

**PROJECT STATUS:**

A new outside sign board is being installed.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	799,000	150,000	949,000		90,000				1,039,000
Inspection Fees	21,000		21,000		10,000				31,000
Equipment/Furnishing			0						0
Total Cost	820,000	150,000	970,000	0	100,000	0	0	0	1,070,000

FUNDING SCHEDULE

R6330 Developer	60,000		60,000		50,000				110,000
R6999 Other	135,000	75,000	210,000		50,000				260,000
R1515 Recordation Tax	425,000		425,000						425,000
R3380 Program Open Space	200,000		200,000						200,000
R8770 Reappropriated		75,000	75,000						75,000
			0						0
Total Funds	820,000	150,000	970,000	0	100,000	0	0	0	1,070,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	437,288
Encumbered	29,780
Total	\$467,068

PROJECT: Facility Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P104114****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the renovation and repairs at existing facilities. Building improvements, landscaping and other projects may also be funded. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan, and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17: Construction

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	932,000	220,000	1,152,000	120,000	95,000	95,000	95,000	95,000	1,652,000
Inspection Fees	48,000	5,000	53,000	5,000	5,000	5,000	5,000	5,000	78,000
Equipment/Furnishing			0						0
Total Cost	980,000	225,000	1,205,000	125,000	100,000	100,000	100,000	100,000	1,730,000

FUNDING SCHEDULE

R1515 Recordation Tax	720,000	125,000	845,000	125,000	100,000	100,000	100,000	100,000	1,370,000
R3320 State DNR/SWM	20,000		20,000						20,000
R6999 Other	240,000	100,000	340,000						340,000
			0						0
			0						0
			0						0
Total Funds	980,000	225,000	1,205,000	125,000	100,000	100,000	100,000	100,000	1,730,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	471,309
Encumbered	64,685
Total	\$535,994

PROJECT: Flying Point Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood****P164114****PROJECT DESCRIPTION / JUSTIFICATION:**

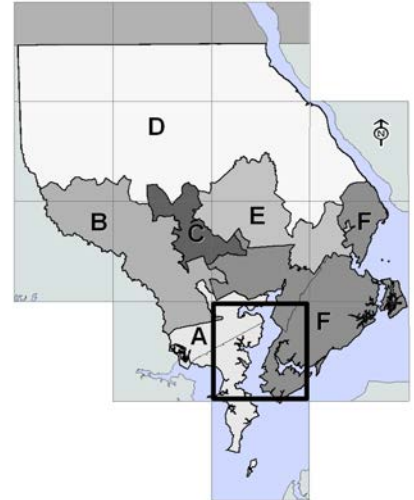
This project proposes the installation of an automatic entrance gate system at Flying Point Park. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17 - Automatic electronic gate installation

PROJECT STATUS:

Pier renovations are underway.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	10,000		10,000						10,000
Land Acquisition			0						0
Construction	99,000	15,000	114,000						114,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	109,000	15,000	124,000	0	0	0	0	0	124,000

FUNDING SCHEDULE

R1515 Recordation Tax	10,000	15,000	25,000						25,000
R3399 State Other	99,000		99,000						99,000
			0						0
			0						0
			0						0
			0						0
Total Funds	109,000	15,000	124,000	0	0	0	0	0	124,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

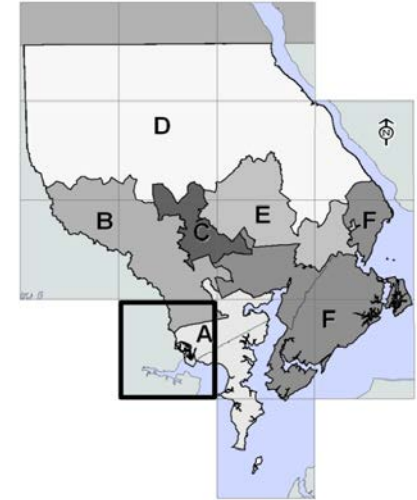
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	7,950
Total	\$7,950

PROJECT: Gunpowder River Dredging**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****P124121****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes maintenance dredging of the existing navigation channel in Taylor's Creek, as well as the channel leading into Gunpowder River which provides boating access to the Joppatowne community. The removal of material from the Disposal Material Placement (DMP) Site at Mariner Point Park is complete. Engineering and permitting will occur in FY 16. Dredging will occur as funds are available. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16-Engineering for Gunpowder River

FY 17-Dredging of Taylor's Creek and Gunpowder River

FY 17-FY20-SAV Monitoring

FY 19 - DMP site remediation

PROJECT STATUS:

Project is currently being engineered. Dredging is anticipated to begin in November 2016.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	200,000	50,000	250,000	30,000					280,000
Land Acquisition			0						0
Construction	1,090,000		1,090,000		200,000				1,290,000
Inspection Fees	64,000	30,000	94,000		10,000				104,000
Equipment/Furnishing			0						0
Total Cost	1,354,000	80,000	1,434,000	30,000	210,000	0	0	0	1,674,000

FUNDING SCHEDULE

R3399 State Other	1,300,000		1,300,000		200,000				1,500,000
R1515 Recordation Tax	54,000	80,000	134,000	30,000	10,000				174,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,354,000	80,000	1,434,000	30,000	210,000	0	0	0	1,674,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

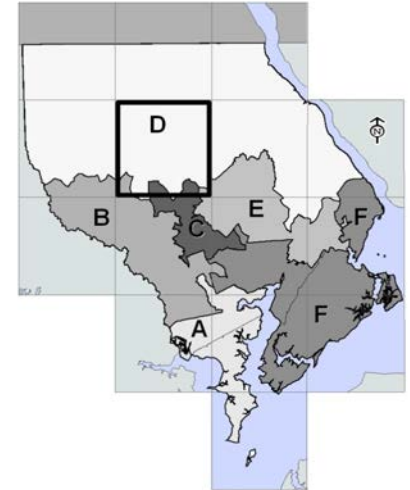
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	518,160
Encumbered	64,450
Total	\$582,610

PROJECT: Indoor Recreation Facility-Forest Hill/Hickory**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Forest Hill****P084121****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the renovations of the Forest Hill/Hickory Activities Center to meet community needs. Previous projects included dance studios, craft room and meeting room. Future projects will include improvements to the multipurpose room and the indoor soccer arena. Other projects will be identified as needs arise. Funding may include contributions from the Recreation Councils. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16-Roof repairs and installation of air-conditioning in the arena portion of the building
 FY 17-Roof renovations and ADA accessibility parking lot improvements

PROJECT STATUS:

Roof repairs and HVAC installation are underway at the facility.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	5,000		5,000						5,000
Land Acquisition			0						0
Construction	919,000	225,000	1,144,000						1,144,000
Inspection Fees	50,000	25,000	75,000						75,000
Equipment/Furnishing			0						0
Total Cost	974,000	250,000	1,224,000	0	0	0	0	0	1,224,000

FUNDING SCHEDULE

R1515 Recordation Tax	774,000	250,000	1,024,000						1,024,000
R6999 Other	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	974,000	250,000	1,224,000	0	0	0	0	0	1,224,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 432,386

Encumbered 62,635

Total \$495,021

PROJECT: Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P104116****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the installation of many small projects throughout the County to include, but not limited to, tree and shrub planting, picnic tables and grills, etc. FY 2016 - FY 2021 funds will provide small grants for Recreation Council projects as needs occur. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17 - FY 22: Construction

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	620,000	160,000	780,000	90,000	65,000	65,000	65,000	65,000	1,130,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	620,000	160,000	780,000	90,000	65,000	65,000	65,000	65,000	1,130,000

FUNDING SCHEDULE

R1515 Recordation Tax	335,000	60,000	395,000	60,000	65,000	65,000	65,000	65,000	715,000
R6330 Developer	235,000	100,000	335,000	30,000					365,000
R3399 State Other	47,500		47,500						47,500
R6999 Other	2,500		2,500						2,500
			0						0
			0						0
Total Funds	620,000	160,000	780,000	90,000	65,000	65,000	65,000	65,000	1,130,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	235,593
Encumbered	0
Total	\$235,593

PROJECT: Parking Lot Paving**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P124124****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the overlay and expansion of existing parking lots and entrance roads at County park sites. Many parking lots are more than 15 years old and require refurbishing for safe usage. Furthermore, heavy usage of existing facilities has generated demand for additional parking spaces. This project is to keep existing parking lots serviceable and to respond to community concerns about adequate off-street parking. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:

FY 17: Construction

**PROJECT STATUS:**

Work was completed at the Highlands property, Francis Silver Park, Broad Creek Boat Launch, and Liriodendron

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	329,000	140,000	469,000	185,000	50,000	140,000	140,000	141,000	1,125,000
Inspection Fees	20,000	10,000	30,000	15,000	5,000	10,000	10,000	9,000	79,000
Equipment/Furnishing			0						0
Total Cost	349,000	150,000	499,000	200,000	55,000	150,000	150,000	150,000	1,204,000

FUNDING SCHEDULE

R1515 Recordation Tax	349,000	150,000	499,000	200,000	55,000	150,000	150,000	150,000	1,204,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	349,000	150,000	499,000	200,000	55,000	150,000	150,000	150,000	1,204,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 258,929

Encumbered 0

Total \$258,929

PROJECT: Parkland Acquisition**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P104117****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the acquisition of land to be used as active and/or passive park sites. This project is not site specific, thus allowing the purchase of land whenever and wherever it becomes available. Sites to be acquired will include areas of outstanding natural features, stream valley parks, as well as regional and community park sites. Particular attention will be given to preserving open space countywide in cooperation with State and Federal programs and to addressing unmet needs of the high growth areas of the County. Funds for acquisition may be supplemented by other County land acquisition capital projects or by Recreation Council funds. Additional residential development is anticipated and population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:

FY 17 - Property acquisition

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition	4,176,000	1,050,000	5,226,000	1,050,000	740,000	795,000	850,000	850,000	9,511,000
Construction			0						0
Inspection Fees	80,000		80,000						80,000
Equipment/Furnishing			0						0
Total Cost	4,256,000	1,050,000	5,306,000	1,050,000	740,000	795,000	850,000	850,000	9,591,000

FUNDING SCHEDULE

R1515 Recordation Tax	390,000	50,000	440,000	50,000	40,000	45,000	50,000	50,000	675,000
R3380 Program Open Space	3,641,000	1,000,000	4,641,000	1,000,000	700,000	750,000	800,000	800,000	8,691,000
R8092 Reappropriated Recordation Tax	225,000		225,000						225,000
			0						0
			0						0
			0						0
Total Funds	4,256,000	1,050,000	5,306,000	1,050,000	740,000	795,000	850,000	850,000	9,591,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,129,013
Encumbered	0
Total	\$2,129,013

PROJECT: Playground Equipment**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P104118****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the purchase and installation of playground equipment at various park areas and schools throughout the County. The replacement of old, deteriorated and unsafe equipment and the need to make existing playgrounds accessible to individuals with disabilities will continue to be a priority. Partnerships with Harford County Public Schools, elementary school Parent-Teacher Associations, nonprofit foundations and other groups are encouraged as a means of meeting the extensive needs for playground improvements. Installation of playgrounds at newly constructed parks will also be funded through this capital project. Additional funding may be provided by Program Open Space of the Department of Natural Resources or through developer fee-in-lieu funds. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:

FY 17 - FY 22: Installation

**PROJECT STATUS:**

Replacement of equipment is complete at Mariner Point Park and Robert Copenhagen Park

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,655,000	150,000	1,805,000	225,000	150,000	150,000	225,000	225,000	2,780,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	1,655,000	150,000	1,805,000	225,000	150,000	150,000	225,000	225,000	2,780,000

FUNDING SCHEDULE

R1515 Recordation Tax	866,000	100,000	966,000	125,000	125,000	125,000	150,000	150,000	1,641,000
R6330 Developer	340,000	50,000	390,000	75,000	25,000	25,000	50,000	50,000	615,000
R6999 Other	90,000		90,000	25,000			25,000	25,000	165,000
R3380 Program Open Space	359,000		359,000						359,000
			0						0
			0						0
Total Funds	1,655,000	150,000	1,805,000	225,000	150,000	150,000	225,000	225,000	2,780,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

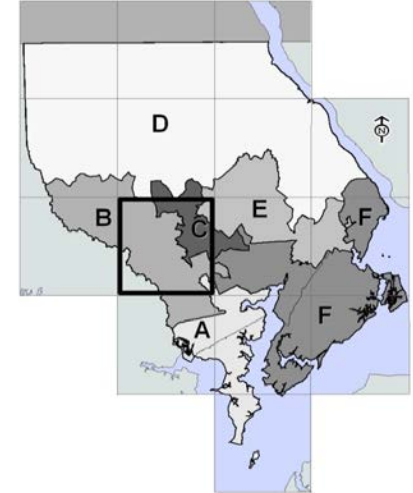
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	710,560
Encumbered	20,000
Total	<u>730,560</u>

PROJECT: Rockfield Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air****P124125****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes improvements to Rockfield Park. FY 2012 funds were allocated for completion of the walking trail system within Rockfield Park. Previous funding was insufficient for construction of an ADA accessible path to the ball diamond and connection to the existing path in the park. These trails are used for physical fitness activities including walking and jogging. Future projects will be identified as needed. This project supports the goals and objectives of the 2013 Land Preservation, Parks & Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 17 - Construction of the ADA pathway to the baseball diamond and connection to existing pathway to playground.

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	100,000	70,000	170,000	95,000		95,000	95,000		455,000
Inspection Fees				5,000		5,000	5,000		15,000
Equipment/Furnishing			0						0
Total Cost	100,000	70,000	170,000	100,000	0	100,000	100,000	0	470,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000	35,000	85,000	50,000		50,000	50,000		235,000
R6999 Other	50,000	35,000	85,000	50,000		50,000	50,000		235,000
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	70,000	170,000	100,000	0	100,000	100,000	0	470,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	15,728
Encumbered	0
Total	\$15,728

PROJECT: Swan Harbor Farm Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****P154113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes renovations and improvements at Swan Harbor Farm. FY 17 funding will be used for improvements to the farm house and event area. Future projects include the construction of a recreational trail from the City limits of Havre de Grace through Swan Harbor Farm to the waterfront. This hiker/biker trail would connect Swan Harbor Farm to the historic amenities of Havre de Grace and link the park to the Lower Susquehanna Heritage Greenway. Additional parking will be constructed to support these uses. A variety of funding sources will be used for these projects, including local funds, POS funds and other State sources for the Lower Susquehanna Heritage Greenway. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

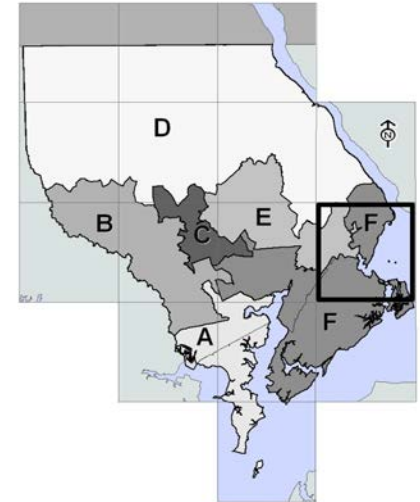
PROJECT SCHEDULE:

FY 16 - Pier renovations at the park

FY 17 - Renovations and improvements to the farm house and event areas

PROJECT STATUS:

The stamped concrete pad and tent replacement project is in process.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	150,000					150,000
Land Acquisition			0						0
Construction	299,000	140,000	439,000		1,050,000				1,489,000
Inspection Fees	10,000	10,000	20,000						20,000
Equipment/Furnishing	80,000		80,000						80,000
Total Cost	389,000	150,000	539,000	150,000	1,050,000	0	0	0	1,739,000

FUNDING SCHEDULE

R8750 Paygo - Parks & Rec Fund	280,000	150,000	430,000	150,000					580,000
R7000 Future Bonds			0		1,050,000				1,050,000
R1515 Recordation Tax	10,000		10,000						10,000
R3399 State Other	99,000		99,000						99,000
			0						0
Total Funds	389,000	150,000	539,000	150,000	1,050,000	0	0	0	1,739,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	5,343
Encumbered	15,451
Total	\$20,794

PROJECT: SWM Pond Repair and Renovation**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P144127****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the repair and renovation of existing stormwater management facilities at park sites throughout the County on an as needed basis. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17: Construction

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	350,000	100,000	450,000	110,000	110,000	110,000	120,000	120,000	1,020,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	350,000	100,000	450,000	110,000	110,000	110,000	120,000	120,000	1,020,000

FUNDING SCHEDULE

R1515 Recordation Tax	350,000	100,000	450,000	110,000	110,000	110,000	120,000	120,000	1,020,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	100,000	450,000	110,000	110,000	110,000	120,000	120,000	1,020,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 11,084

Encumbered 27,189

Total \$38,273

PROJECT: Tennis/Multipurpose Court**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P114123****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the repair, resurfacing and reconstruction of tennis and multipurpose courts throughout the County. The resurfacing may include applying new color-coating or applying a layer of stone dust with additional blacktop, then color-coating depending on the condition of the courts. Many existing courts are 15 to 30 years old and need work to provide a safe playing surface and fencing. Priorities are established through annual review and consultation with Harford County Public School. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17: Construction

**PROJECT STATUS:**

Repairs have occurred at several school and park sites throughout the County, including North Harford Middle, Magnolia Middle, Churchville Recreation Complex, and Forest Hill Recreation Complex.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	590,000	50,000	640,000	100,000	100,000	100,000	100,000	100,000	1,140,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	590,000	50,000	640,000	100,000	100,000	100,000	100,000	100,000	1,140,000

FUNDING SCHEDULE

R1515 Recordation Tax	490,255	50,000	540,255	100,000	100,000	100,000	100,000	100,000	1,040,255
R8092 Reappropriated Recordation Tax	99,745		99,745						99,745
			0						0
			0						0
			0						0
			0						0
Total Funds	590,000	50,000	640,000	100,000	100,000	100,000	100,000	100,000	1,140,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 450,092

Encumbered 82,426

Total \$532,518

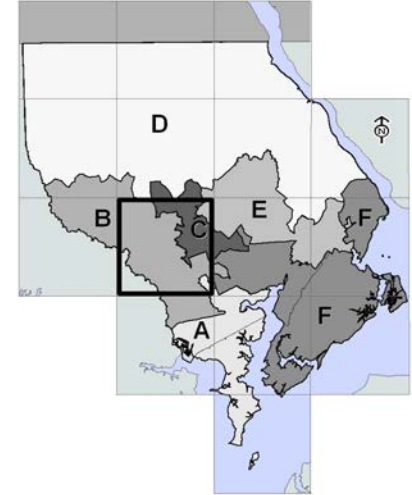
PROJECT: Tollgate Woodshop**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for equipment replacement and security system upgrades at the Department Woodshop located in Heavenly Waters Park. The woodshop opened in 2009 and has experienced significant use since opening its doors. Several of the larger mounted pieces of equipment are nearing the end of their useful life. This project will provide funding for replacement equipment as needed in the woodshop. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17 - Equipment replacement and security upgrades

FY 18 - Equipment replacement

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			10,000			10,000
Land Acquisition			0						0
Construction		5,000	5,000						5,000
Inspection Fees			0						0
Equipment/Furnishing		20,000	20,000			40,000			60,000
Total Cost	0	25,000	25,000	0	0	50,000	0	0	75,000

FUNDING SCHEDULE

R8092 Reappropriated Recordation Tax		15,000	15,000						15,000
R6999 Other		10,000	10,000			15,000			25,000
R1515 Recordation Tax			0			35,000			35,000
			0						0
			0						0
			0						0
Total Funds	0	25,000	25,000	0	0	50,000	0	0	75,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Trails & Linear Parks**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P124126****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the acquisition, development, repair, and maintenance of hiker/biker trails, greenways, and linear parks. Trails may be constructed along existing roadways, in existing and proposed park sites and/or the Ma & Pa railroad track bed. These trails will be used for transportation, as well as, physical fitness facilities for walking, jogging, and bike riding. Environmental education programs will also be provided. Allocated funds will be used for repair and maintenance of existing trails, as well as, engineering for new projects including the possible connection of Phase I and Phase II of the Ma & PA Heritage Trail and a hiker/biker trail near the Whiteford/Cardiff community. Construction will occur as grant funds permit. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17: Engineering for Ma & Pa trail connection from Williams Street to Blake's Venture Park

FY 18: Construction of the Ma & Pa trail connection from Williams Street to Blake's Venture Park

PROJECT STATUS:

Engineering for the trail from Williams Street to Blake's Venture Park will occur as funding becomes available.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	245,000		245,000						245,000
Land Acquisition	55,000		55,000						55,000
Construction		2,100,000	2,100,000				1,900,000		4,000,000
Inspection Fees		150,000	150,000				100,000		250,000
Equipment/Furnishing			0						0
Total Cost	300,000	2,250,000	2,550,000	0	0	0	2,000,000	0	4,550,000

FUNDING SCHEDULE

R1515 Recordation Tax	225,000		225,000						225,000
R8750 Paygo	75,000		75,000						75,000
R3140 Federal TAP		2,000,000	2,000,000				1,000,000		3,000,000
R6999 Other		250,000	250,000				1,000,000		1,250,000
			0						0
			0						0
Total Funds	300,000	2,250,000	2,550,000	0	0	0	2,000,000	0	4,550,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

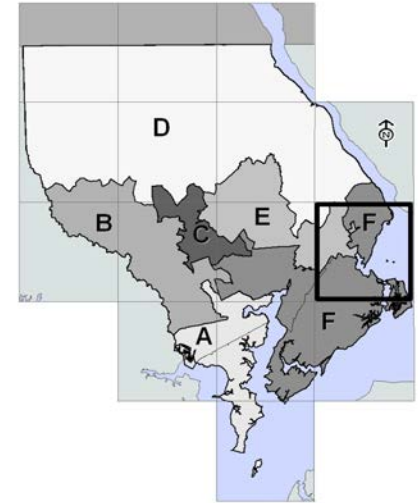
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,100
Encumbered	0
Total	\$1,100

PROJECT: Tydings Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for improvements at Tydings Park in Havre de Grace. Working in cooperation with the City of Havre de Grace this project is to construct an inclusive playground for individuals with physical and developmental challenges. Additionally, the project will include ADA accessibility improvements at the park site. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 17 - Engineering and Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		10,000	10,000						10,000
Land Acquisition			0						0
Construction		380,000	380,000						380,000
Inspection Fees		10,000	10,000						10,000
Equipment/Furnishing			0						0
Total Cost	0	400,000	400,000	0	0	0	0	0	400,000

FUNDING SCHEDULE

R8092 Reappropriated Recordation Tax		200,000	200,000						200,000
R6999 Other		200,000	200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	400,000	400,000	0	0	0	0	0	400,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

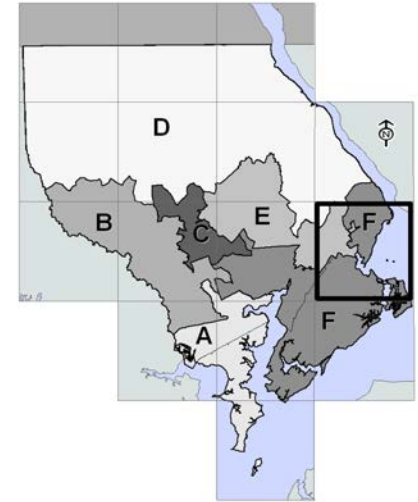
Total \$0

OUTYEAR PROJECTS

FY 18 - FY 22

PROJECT: Aberdeen Activity Center**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Aberdeen****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide a multi-purpose center to serve leisure needs for all ages in the Aberdeen community. The current Aberdeen Senior Center is undersized and lacks space for exercise programs and other activities. This facility will be designed based on the models in Bel Air, Havre de Grace and Fallston and will be utilized by the Office on Aging and by the Department of Parks and Recreation for a variety of community activities. Funding will be a cooperative effort of County, City, State and Federal resources along with private contributions. Design will be initiated in FY2017 with construction in FY 2019. State funding is anticipated from the Senior Center Programs. Population growth will generate demand for additional facilities for all ages. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 20: Engineering

FY 21 - FY 22: Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			500,000			500,000
Land Acquisition			0						0
Construction							7,200,000		7,200,000
Inspection Fees							300,000		300,000
Equipment/Furnishing			0				500,000		500,000
Total Cost	0	0	0	0	0	500,000	8,000,000	0	8,500,000

FUNDING SCHEDULE

R7000 Future Bonds			0			500,000	8,000,000		8,500,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	500,000	8,000,000	0	8,500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Backstop Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P124119****PROJECT DESCRIPTION / JUSTIFICATION:**

Many of the 190 softball/baseball diamonds in Harford County were installed more than fifteen years ago and are showing significant signs of wear and tear on the fencing, kick plates and players benches. This project continues a long-term effort to renovate these facilities. The priorities are based on a comprehensive survey of conditions and a group of backstops will be improved periodically. In addition to addressing safety concerns, renovated backstops improve the appearance of the park facilities and encourage community pride. County funding may be supplemented by recreation councils. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 16: Renovation of backstops at the Norrisville complex.

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000		50,000	100,000	50,000	50,000	520,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	270,000	0	270,000	0	50,000	100,000	50,000	50,000	520,000

FUNDING SCHEDULE

R1515 Recordation Tax	155,000		155,000		30,000	50,000	30,000	30,000	295,000
R6999 Other	115,000		115,000		20,000	50,000	20,000	20,000	225,000
			0						0
			0						0
			0						0
			0						0
Total Funds	270,000	0	270,000	0	50,000	100,000	50,000	50,000	520,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

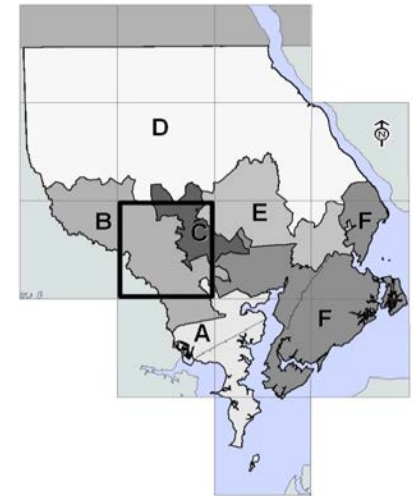
Financial Activity as of 1/5/16:

Expended	16,607
Encumbered	0
Total	\$16,607

PROJECT: Benson Field Development**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Benson****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the construction of active recreation facilities on the 41 acre parcel adjacent to Edgeley Grove Farm. This parcel is relatively level and well suited for baseball/softball diamonds as well as multipurpose fields and will provide facilities needed by the Fallston Recreation Council. Ancillary uses such as parking, restrooms and picnic pavilions will be provided on the site.

This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

**PROJECT SCHEDULE:**

FY 20: Engineering and Design

FY 21: Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			100,000			100,000
Land Acquisition			0						0
Construction							950,000		950,000
Inspection Fees							50,000		50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	100,000	1,000,000	0	1,100,000

FUNDING SCHEDULE

R1515 Recordation Tax						100,000	1,000,000		1,100,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	100,000	1,000,000	0	1,100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

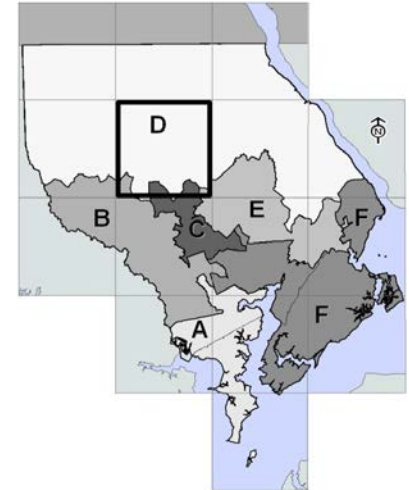
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Blake's Venture Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Forest Hill****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the development of Phase II of Blake's Venture Park in Forest Hill. The initial phase of development included the trailhead for Phase II of the Ma and Pa Heritage Trail, two soccer fields and associated parking. The second phase will include active recreation facilities to serve the needs of the Forest Hill Recreation Council. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 21 - Engineering and Design

FY 22 - Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0				100,000		100,000
Land Acquisition			0						0
Construction			0					1,150,000	1,150,000
Inspection Fees			0					50,000	50,000
Equipment/Furnishing			0						0
Total Cost	0		0	0	0	0	100,000	1,200,000	1,300,000

FUNDING SCHEDULE

R1515 Recordation Tax							100,000	1,200,000	1,300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	100,000	1,200,000	1,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

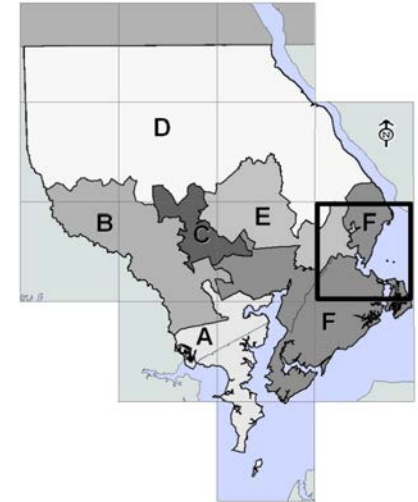
PROJECT: Bulkhead Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes funds for repairs and placement of sections of bulkhead at Tydings Island in Havre de Grace. The majority of the cost for this project will be paid by the Department of Natural Resources - Waterway Improvement Program. Future projects will be undertaken as needs arise. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 19: Design and Engineering

FY 20: Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		40,000				40,000
Land Acquisition			0						0
Construction			0			515,000		70,000	585,000
Inspection Fees			0			20,000		5,000	25,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	40,000	535,000	0	75,000	650,000

FUNDING SCHEDULE

R3399 State Other			0		40,000	515,000		75,000	630,000
R1515 Recordation Tax			0			20,000			20,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	40,000	535,000	0	75,000	650,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

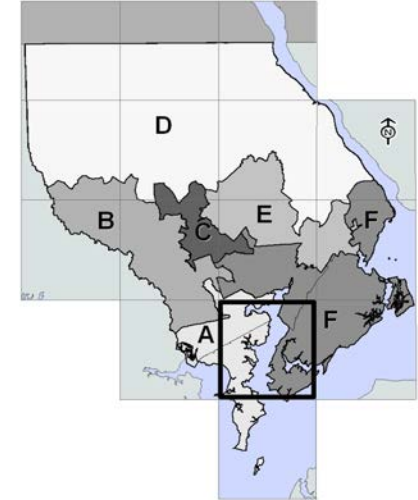
Total \$0

PROJECT: Bush River Dredging and DMP Site**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Abingdon****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project included engineering and construction of a 10-acre Disposal Material Placement (DMP) site and engineering and dredging of the Otter Point Creek, Bush River area. Over 20,000 cubic yards of material was dredged to create navigation channels for the general boating public. The DMP site was completed in FY 2009 and dredging was completed in FY 2010. Harford County is experiencing a growing interest in and demand for water access and maintenance dredging may be required in future years. A large portion of this project will be funded by the Department of Natural Resources (DNR), Waterway Improvement Program. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is not currently funded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		150,000				150,000
Land Acquisition			0						0
Construction			0			1,500,000			1,500,000
Inspection Fees			0			75,000			75,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	150,000	1,575,000	0	0	1,725,000

FUNDING SCHEDULE

R1515 Recordation Tax			0			75,000			75,000
R3399 State Other			0		150,000	1,500,000			1,650,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	150,000	1,575,000	0	0	1,725,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

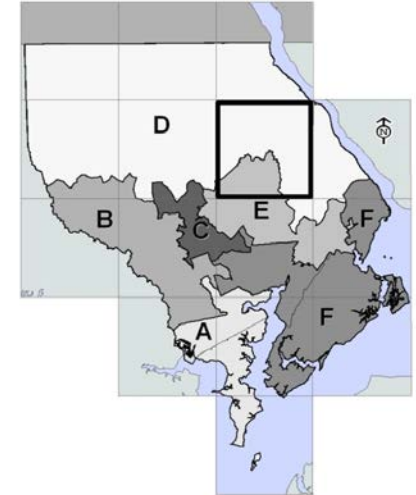
Total \$0

PROJECT: Darlington Park Development**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Darlington****P094124****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the development of facilities at Darlington Park, a neighborhood park at the gateway to Darlington. FY 2009 funds were used for design of a large soccer/lacrosse fields with parking, stormwater management and landscaping.

Future projects will include a restroom/storage building. Additional residential development is anticipated in Darlington. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

This project was amended per Bill 16-003 to add \$320,000 in reappropriated Recordation Tax.

PROJECT SCHEDULE:**PROJECT STATUS:**

Field construction is underway.

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	125,000		125,000						125,000
Land Acquisition			0						0
Construction	1,730,000		1,730,000			475,000			2,205,000
Inspection Fees	40,000		40,000			25,000			65,000
Equipment/Furnishing			0						0
Total Cost	1,895,000	0	1,895,000	0	0	500,000	0	0	2,395,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,050,000		1,050,000			250,000			1,300,000
R8770 Reappropriated	125,000		125,000						125,000
R3380 Program Open Space	400,000		400,000			250,000			650,000
R8092 Reappropriated Recordation Tax	320,000		320,000						320,000
			0						0
			0						0
Total Funds	1,895,000	0	1,895,000	0	0	500,000	0	0	2,395,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

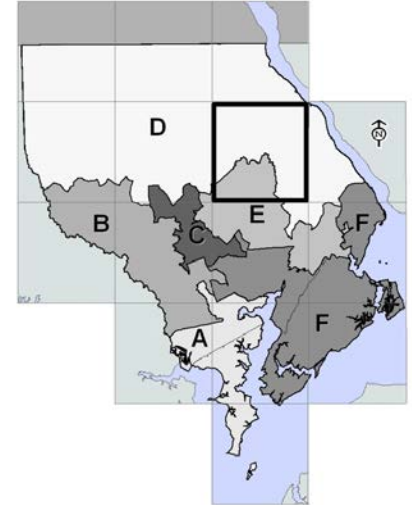
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	140,608
Encumbered	3,581
Total	\$144,189

PROJECT: Disc Golf Course**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Churchville****P144122****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes design and construction of an 18-hole disc golf course at the Churchville Recreation Center Complex. Additionally, this project would be used to repair existing disc golf courses as needed and when funding is available. Disc golf is a fast-growing sport that allows participation of all ages and skill levels. Future course sites will be considered on a site-by-site basis. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:****PROJECT STATUS:**

The new disc golf course at Churchville is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	3,000		3,000	3,000					6,000
Land Acquisition			0						0
Construction	45,000		45,000	45,000					90,000
Inspection Fees	2,000		2,000	2,000					4,000
Equipment/Furnishing			0						0
Total Cost	50,000	0	50,000	50,000	0	0	0	0	100,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000	50,000					100,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	50,000	0	0	0	0	100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	42,205
Encumbered	386
Total	\$42,591

PROJECT: Dublin Community Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Dublin****New****PROJECT DESCRIPTION / JUSTIFICATION:**

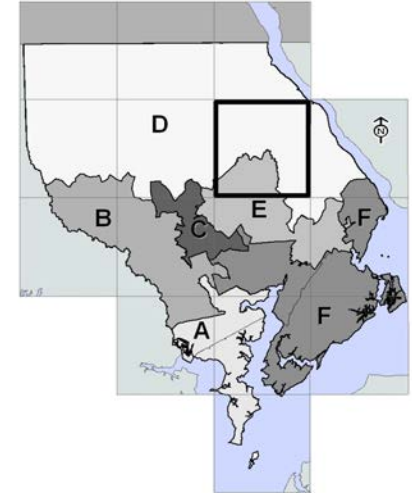
This project is for the development of Dublin Community Park on the property located in Dublin at Conowingo Road and Route 136. The property would provide additional needed field space for the Dublin/Darlington Recreation Council, as well as, other park amenities, such as a walking trail and picnic pavilion. Population growth will continue to generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks, and Recreation Plan and Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 20 - Engineering

PROJECT STATUS:

This project is not currently funded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			150,000			150,000
Land Acquisition			0						0
Construction			0					1,000,000	1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	150,000	0	1,000,000	1,150,000

FUNDING SCHEDULE

R1515 Recordation Tax			0			150,000		1,000,000	1,150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	150,000	0	1,000,000	1,150,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

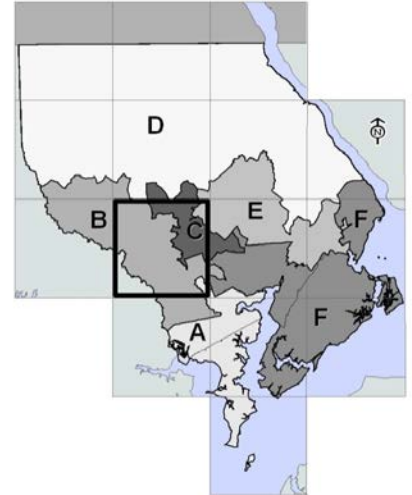
Expended

Encumbered

Total \$0

PROJECT: Edgeley Grove Farm-Smith Property**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Benson****P024126****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the construction of recreation facilities at Edgeley Grove Farm. The initial phase of development included two soccer fields, parking on the site for Annie's Playground along with a climbing wall. Conceptual plans for an outdoor amphitheatre and additional parking are completed. Future development of active recreation facilities, additional parking and restroom facilities will occur in separate capital projects. Improvements to Annie's Playground, including an additional stairway access, are being completed. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16 - Renovation of the wiffle ball field at Edgeley Grove Park

PROJECT STATUS:

Renovation of the wiffle ball field at the park is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	125,000		125,000						125,000
Land Acquisition	800,000		800,000						800,000
Construction	3,275,000		3,275,000			90,000			3,365,000
Inspection Fees	150,000		150,000			10,000			160,000
Equipment/Furnishing			0						0
Total Cost	4,350,000	0	4,350,000	0	0	100,000	0	0	4,450,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,175,000		1,175,000			100,000			1,275,000
R3140 Federal MAP-21	1,000,000		1,000,000						1,000,000
R3380 Program Open Space	1,375,000		1,375,000						1,375,000
R6330 Developer	75,000		75,000						75,000
R6999 Other	200,000		200,000						200,000
R8770 Reappropriated	525,000		525,000						525,000
Total Funds	4,350,000	0	4,350,000	0	0	100,000	0	0	4,450,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

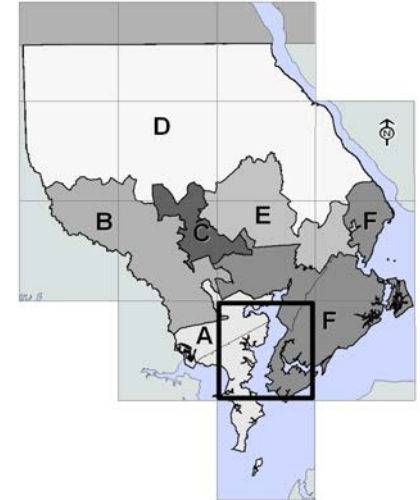
Expended	3,233,794
Encumbered	20,034
Total	\$3,253,828

PROJECT: Edgewood Recreation and Community Center**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood****P134107****PROJECT DESCRIPTION / JUSTIFICATION:**

This project includes renovations to some of the existing building systems and future construction of a multipurpose field at the Edgewood Recreation and Community Center. This field will provide an additional facility for the Edgewood Recreation Council as well as improved open area for use in conjunction with the programs at the Center. Future improvements to the site and the building will be identified as needs arise. Additional residential development is anticipated in the Edgewood community. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:**PROJECT STATUS:**

With construction in FY 18 the field would be available for use in 2019.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	95,000		95,000	142,500					237,500
Inspection Fees	5,000		5,000	7,500					12,500
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	150,000	0	0	0	0	250,000

FUNDING SCHEDULE

R1515 Recordation Tax	100,000		100,000	150,000					250,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	150,000	0	0	0	0	250,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	46,044
Encumbered	0
Total	\$46,044

PROJECT: Edgewood Recreation Park**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood****New****PROJECT DESCRIPTION / JUSTIFICATION:**

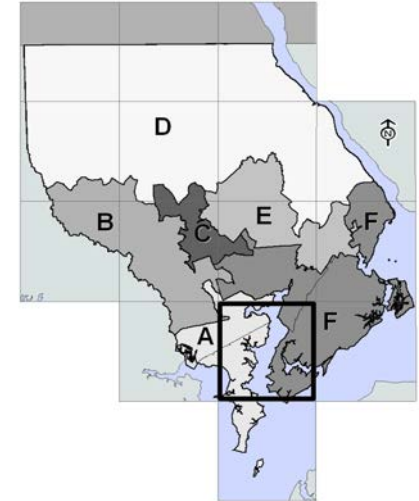
This project proposes the development of the western area of the park. A second football field and a large parking lot have been constructed. Later improvements will focus on passive amenities in the wooded areas. The passive amenities, such as trails and picnic pavilions, will benefit the community and contribute to revitalization of the area. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 18: Engineering and installation of restroom facility

PROJECT STATUS:

This project is not currently funded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	30,000					30,000
Land Acquisition			0						0
Construction			0	445,000	50,000		100,000		595,000
Inspection Fees			0	25,000					25,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	500,000	50,000	0	100,000	0	650,000

FUNDING SCHEDULE

R1515 Recordation Tax			0	150,000	50,000		100,000		300,000
R3380 Program Open Space			0	350,000					350,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	500,000	50,000	0	100,000	0	650,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	912,180
Encumbered	0
Total	\$912,180

PROJECT: Enlarged Gymnasiums & Joint Facilities**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P154110****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the construction of shared facilities at public schools such as enlarged gymnasiums, activity rooms and recreation storage. The construction of the new Havre de Grace Middle/High School is currently scheduled for FY2018 and FY2020. Future projects will include the additional indoor recreation space in schools. This is a cost effective way to add needed facilities for Recreation Council use. Indoor space is critical for winter programming. Secondary schools utilize their large gymnasiums extensively for school programs, leaving minimal opportunity for recreation activities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY18: Construction of Havre de Grace Middle/High School

**PROJECT STATUS:**

Youth's Benefit Elementary modernization is underway.
Engineering for the Havre de Grace Middle/High School is underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	600,000		600,000	600,000					1,200,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	600,000	0	600,000	600,000	0	0	0	0	1,200,000

FUNDING SCHEDULE

R7100 Prior Bonds	600,000		600,000						600,000
R7000 Future Bonds			0	600,000					600,000
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	0	600,000	600,000	0	0	0	0	1,200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$60,000
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

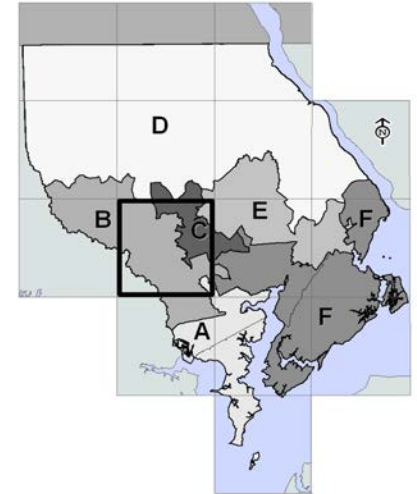
Expended	0
Encumbered	0
Total	\$0

PROJECT: Equestrian Center Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Bel Air****P114124****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for repairs and improvements to the Facilities at the Equestrian Center, home of the Harford County Farm Fair and numerous equestrian and community events. FY 2012 funds were used to replace the roofs on the pavilions. Future projects to maintain the existing infrastructure will be identified as needs arise. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:**PROJECT STATUS:**

Critical needs have been identified.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	311,000		311,000	88,000	100,000	75,000			574,000
Inspection Fees	14,000		14,000	12,000		25,000			51,000
Equipment/Furnishing			0						0
Total Cost	325,000	0	325,000	100,000	100,000	100,000	0	0	625,000

FUNDING SCHEDULE

R8027 Reappropriated Recordation Tax	150,000		150,000						150,000
R6999 Other	25,000		25,000		100,000				125,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax			0						0
R8753 Special Paygo - Hotel Tax			0	100,000		100,000			200,000
			0						0
Total Funds	325,000	0	325,000	100,000	100,000	100,000	0	0	625,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	106,115
Encumbered	0
Total	\$106,115

PROJECT: Fallston Maintenance Shop**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Fallston****P144123****PROJECT DESCRIPTION / JUSTIFICATION:**

This project includes improvements at the Parks and Recreation Maintenance Facility in Fallston. Engineering and permitting for removal and replacement of the underground fuel storage tanks with above ground fuel storage tanks and the overall design of the maintenance yard will begin in FY 18. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

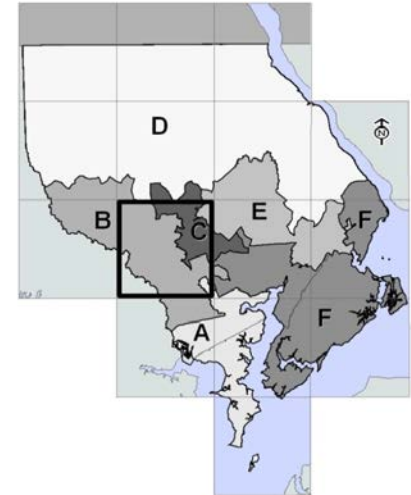
PROJECT SCHEDULE:

FY 17: Engineering and permitting for removal and replacement of underground fuel storage tanks with above ground tanks as well as the overall design of the maintenance yard.

FY 18: Removal and replacement of underground fuel storage tanks with above ground tanks

PROJECT STATUS:

HVAC repairs and parking repairs are complete

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	50,000		50,000	300,000					350,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	50,000	0	50,000	300,000	0	0	0	0	350,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000						50,000
R8750 Paygo				300,000					300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	300,000	0	0	0	0	350,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	10,207
Encumbered	0
Total	\$10,207

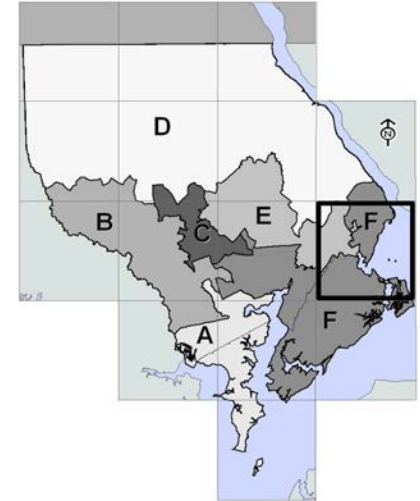
PROJECT: Havre de Grace Yacht Basin Dredging**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the maintenance of the Havre de Grace Yacht Basin. This facility was dredged in FY 2011. The project will be funded to a large extent by the Department of Natural Resources Boating Services. Future maintenance dredging will be performed as needed.

This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 18-Engineering and permitting for project

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	50,000					50,000
Land Acquisition			0						0
Construction			0		525,000				525,000
Inspection Fees			0		25,000				25,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	50,000	550,000	0	0	0	600,000

FUNDING SCHEDULE

R3399 State Other			0	50,000	525,000				575,000
R6999 Other			0		25,000				25,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	50,000	550,000	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

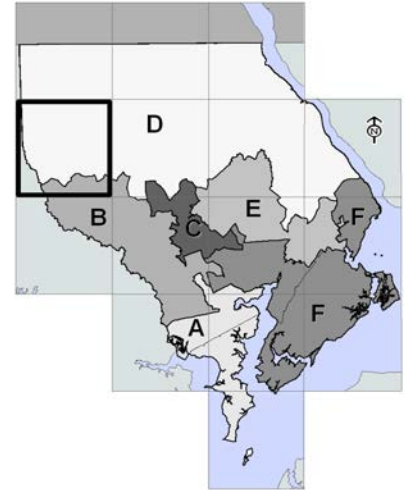
Expended	0
Encumbered	0
Total	\$0

PROJECT: Jarrettsville Recreation Center**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Jarrettsville****P154111****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide a multipurpose center to serve the leisure needs for all in the Jarrettsville community. The center will include a gymnasium, fitness room and multipurpose rooms for a variety of community recreational programs. Land acquisition is funded through the Parkland Acquisition Capital Project. Future site amenities include a picnic pavilion and walking trails. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:**PROJECT STATUS:**

Engineering and design for the project is underway.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	510,775		510,775						510,775
Land Acquisition			0						0
Construction								6,500,000	6,500,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	510,775	0	510,775	0	0	0	0	6,500,000	7,010,775

FUNDING SCHEDULE

R8750 Paygo	425,000		425,000						425,000
R7000 Future Bonds			0					6,500,000	6,500,000
R8092 Reappropriated Recordation Tax	85,775		85,775						85,775
			0						0
			0						0
Total Funds	510,775	0	510,775	0	0	0	0	6,500,000	7,010,775

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16

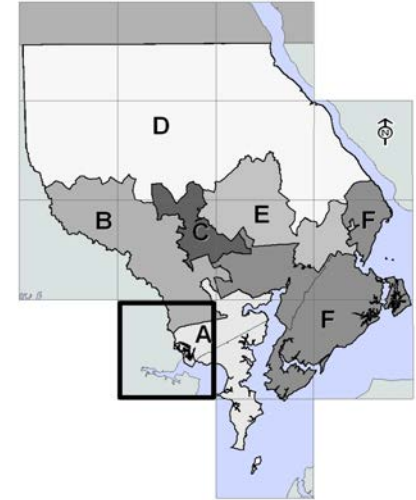
Expended	0
Encumbered	0
Total	\$0

PROJECT: Joppa/Joppatowne Youth/Senior Center**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for a multipurpose center to serve leisure needs for all ages in the Joppa/Joppatowne community. The center will be utilized by the Office on Aging as a Senior Center and by the Department of Parks and Recreation for a variety of community recreation activities. Engineering and design for the project is scheduled for begin in FY 2022. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 22 - Engineering and Design

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0					500,000	500,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	500,000	500,000

FUNDING SCHEDULE

R8750 Paygo			0						0
R7000 Future Bonds			0					500,000	500,000
R3399 State Other			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	0	500,000	500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

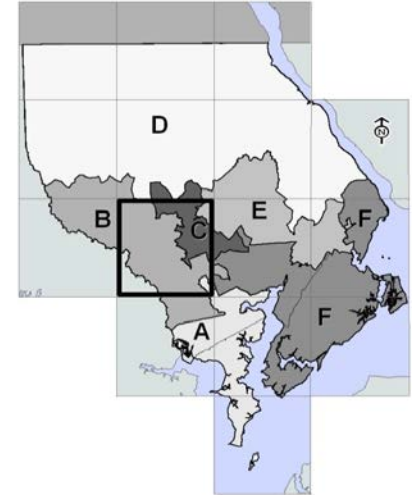
Expended

Encumbered

Total \$0

PROJECT: Liriodendron Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air****P154112****PROJECT DESCRIPTION / JUSTIFICATION:**

This facility is over 100 years old and is used for many charitable events, wedding receptions, government meetings and social events. Maintenance of this historic structure is critical to preserve this community asset. Future projects will include the replacement of the balustrade along the front terrace and parking improvements. Funds from the Liriodendron Foundation may be used to supplement projects. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

**PROJECT SCHEDULE:**

FY 16 - Design and installation of storm window treatments and replacement of the south end arbor.

PROJECT STATUS:

Design of the storm window treatments is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	10,000		10,000	237,500					247,500
Land Acquisition			0	12,500					12,500
Construction	132,000		132,000		75,000			100,000	307,000
Inspection Fees	3,000		3,000						3,000
Equipment/Furnishing			0						0
Total Cost	145,000	0	145,000	250,000	75,000	0	0	100,000	570,000

FUNDING SCHEDULE

R1515 Recordation Tax	135,000		135,000	175,000	50,000			50,000	410,000
R6999 Other	10,000		10,000	75,000	25,000			50,000	160,000
			0						0
			0						0
			0						0
			0						0
Total Funds	145,000	0	145,000	250,000	75,000	0	0	100,000	570,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Magnolia Complex Development**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Magnolia****P074137****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funds for the development of additional athletic fields on vacant land adjacent to Magnolia Elementary and Middle Schools. Three soccer/lacrosse fields and two baseball diamonds were included in this facility, as well as expansion of the parking lots at Magnolia Middle School and Magnolia Elementary School, a stormwater management facility, storage buildings and a pavilion. Future improvements will include restrooms. Additional residential development is anticipated in this area of the County in the future and population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

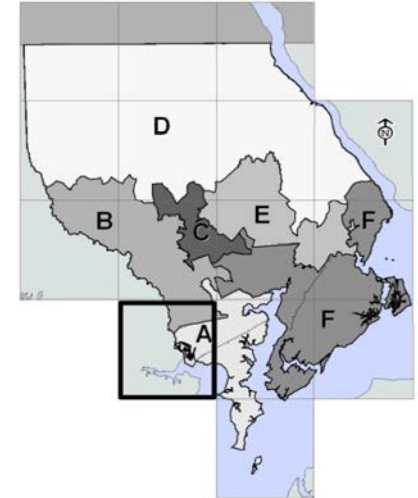
PROJECT SCHEDULE:

FY18: Engineering for restroom

FY18: Restroom construction

PROJECT STATUS:

Field project has been completed.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	80,000		80,000						80,000
Land Acquisition			0						0
Construction	1,917,000		1,917,000	400,000					2,317,000
Inspection Fees	58,000		58,000	25,000					83,000
Equipment/Furnishing			0						0
Total Cost	2,055,000	0	2,055,000	425,000	0	0	0	0	2,480,000

FUNDING SCHEDULE

R1515 Recordation Tax	80,000		80,000	200,000					280,000
R6330 Developer	150,000		150,000						150,000
R3199 Federal Other	60,000		60,000						60,000
R7100 Prior Bonds	1,650,000		1,650,000						1,650,000
R6999 Other	35,000		35,000						35,000
R3380 Program Open Space	80,000		80,000	225,000					305,000
Total Funds	2,055,000	0	2,055,000	425,000	0	0	0	0	2,480,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$66,075

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

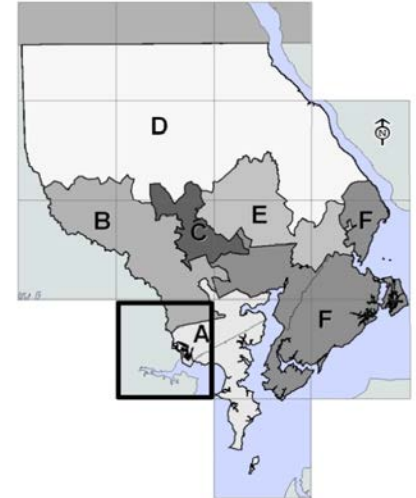
Expended 1,585,766

Encumbered 0

Total \$1,585,766

PROJECT: Mariner Point Park Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****P094127****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes improvements to Mariner Point Park. These projects include the replacement of decking on the existing launching ramps and piers, a canoe launch, shoreline stabilization, trail maintenance and other repairs needed to maintain this community park. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16 - Engineering and design of boat launch renovations

FY 17 - Replacement of decking at boat launch

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	340,000		340,000					50,000	390,000
Inspection Fees	21,000		21,000						21,000
Equipment/Furnishing			0						0
Total Cost	361,000	0	361,000	0	0	0	0	50,000	411,000

FUNDING SCHEDULE

R1515 Recordation Tax	62,000		62,000					50,000	112,000
R3399 State Other	199,000		199,000						199,000
R6330 Developer	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Funds	361,000	0	361,000	0	0	0	0	50,000	411,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	28,547
Encumbered	18,023
Total	\$46,570

PROJECT: Natural Turf Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****P104115****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes improvements to natural grass playing surfaces at various parks and public schools. Improvements may include minor grading, aerating, seeding and/or installation of sod. Due to heavy usage from recreation council programs, many fields exhibit severe wear and sod or other turf improvements are needed to keep the fields in a safe, playable condition.

Supplemental funding may come from Recreation Councils. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:

FY 16: Renovation of grass fields

PROJECT STATUS:

Review and priority ranking of existing facilities

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,090,000		1,090,000	150,000	150,000	150,000	150,000	150,000	1,840,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	1,090,000	0	1,090,000	150,000	150,000	150,000	150,000	150,000	1,840,000

FUNDING SCHEDULE

R1515 Recordation Tax	810,000		810,000	100,000	100,000	100,000	100,000	100,000	1,310,000
R6999 Other	280,000		280,000	50,000	50,000	50,000	50,000	50,000	530,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,090,000	0	1,090,000	150,000	150,000	150,000	150,000	150,000	1,840,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

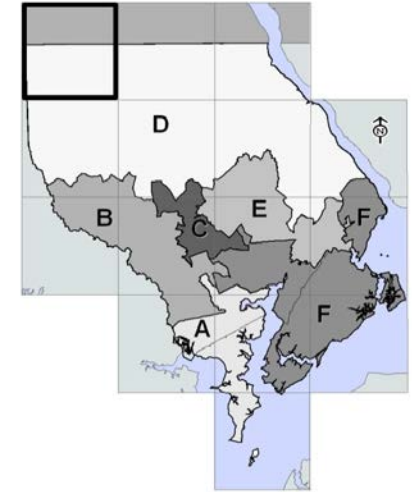
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	282,605
Encumbered	262,745
Total	\$545,350

PROJECT: Norrisville Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Norrisville****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes improvements and expansion of the Norrisville Recreation Complex. Conceptual design has been done for the development of a new access, additional fields and parking. Engineering is planned for the initial phase in FY 2019 with construction in FY 2020. Future improvements will include additional fields, parking, restrooms, a picnic pavilion and playground. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

**PROJECT SCHEDULE:**

FY 19: Engineering/Design

FY 20: Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		125,000				125,000
Land Acquisition			0						0
Construction			0			1,000,000	142,000		1,142,000
Inspection Fees			0			50,000	8,000		58,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	125,000	1,050,000	150,000	0	1,325,000

FUNDING SCHEDULE

R1515 Recordation Tax			0		125,000	1,050,000	150,000		1,325,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	125,000	1,050,000	150,000	0	1,325,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

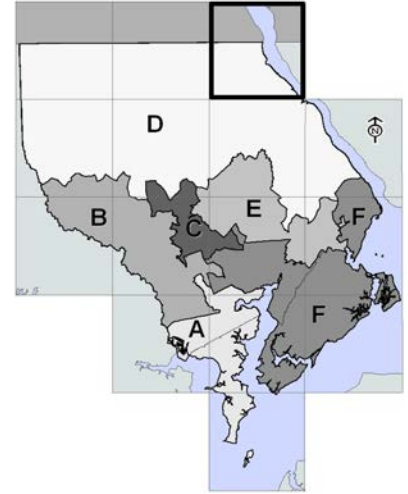
Expended	0
Encumbered	0
Total	\$0

PROJECT: Northern Regional Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Whiteford****P134110****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes a regional recreation facility to serve multiple recreation councils in the northern part of the County. This site will also house a multigenerational recreation center to serve the northern area of the County. A park site has been acquired for this facility. FY 14 funding request was the authority to accept Program Open Space funding, as available, for reimbursement of land acquisition. Development of the initial phase of the project will be designed in FY 2022 and will include an indoor recreation facility. The second phase of development will focus on needed outdoor facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:**PROJECT STATUS:**

Acquisition of the property is complete and has been fully reimbursed with Program Open Space funding

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0					500,000	500,000
Land Acquisition	575,000		575,000						575,000
Construction									0
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	575,000	0	575,000	0	0	0	0	500,000	1,075,000

FUNDING SCHEDULE

R8750 Paygo	75,000		75,000						75,000
R3380 Program Open Space	500,000		500,000						500,000
R7000 Future Bonds			0					500,000	500,000
			0						0
			0						0
			0						0
Total Funds	575,000	0	575,000	0	0	0	0	500,000	1,075,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

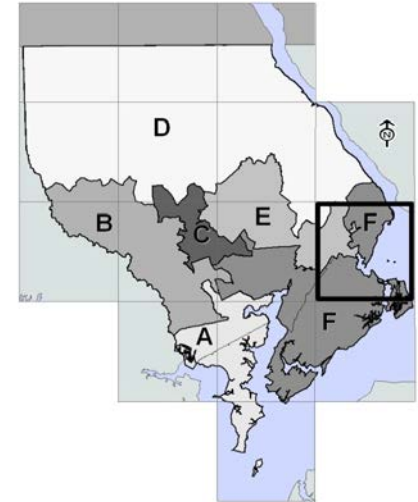
Expended	458,454
Encumbered	0
Total	\$458,454

PROJECT: Oakington Farms-Tydings Park**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****P124123****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the development of the Millard and Eleanore Tydings Park in partnership with Chesapeake Therapeutic Riding, a nonprofit Recreation Council. The large French barn and other structures will be adapted for this use and an indoor riding arena constructed. Future development will be at a level appropriate to the farm lane which provides access while providing opportunities for public use. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:**PROJECT STATUS:**

Sitework and grading at the site is complete. Design of the indoor arena and reuse of existing out-buildings is underway.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	1,781,000		1,781,000			1,000,000			2,781,000
Inspection Fees	19,000		19,000						19,000
Equipment/Furnishing			0						0
Total Cost	1,900,000	0	1,900,000	0	0	1,000,000	0	0	2,900,000

FUNDING SCHEDULE

R8750 Paygo	800,000		800,000						800,000
R6999 Other	1,000,000		1,000,000			1,000,000			2,000,000
R8027 Reappropriated Recordation Tax	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Funds	1,900,000	0	1,900,000	0	0	1,000,000	0	0	2,900,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

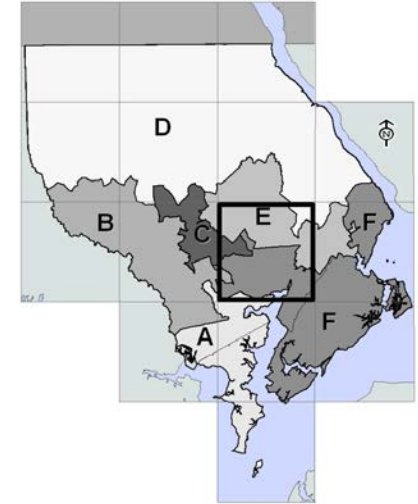
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	465,100
Encumbered	30,550
Total	\$495,650

PROJECT: Perryman Park Development**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Perryman****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the further development of Perryman Park. The park currently has a dredged material placement site with a walking trail. Future development of the site would include fields, additional parking, and other amenities on the area south of the DMP site to serve the Belcamp Recreation Council. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

**PROJECT SCHEDULE:**

FY 21 - Engineering

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0				125,000		125,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	125,000	0	125,000

FUNDING SCHEDULE

R1515 Recordation Tax			0				125,000		125,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	125,000	0	125,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

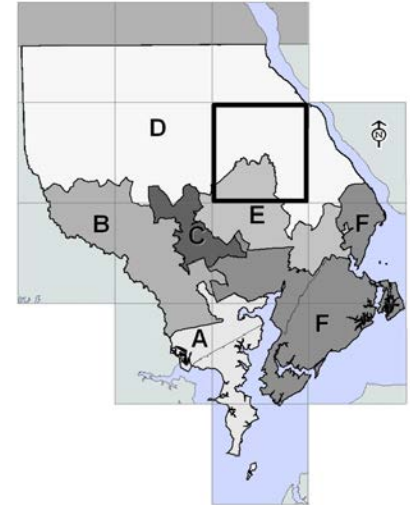
Total \$0

PROJECT: Prospect Mill Park**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Fountain Green****New****PROJECT DESCRIPTION / JUSTIFICATION:**

Harford County developed a 29.9 acre parcel to serve the outdoor recreation needs of the Hickory/Fountain Green area. Amenities such as restrooms, picnic pavilion and playground will be constructed beginning in FY 18. Additional residential development is anticipated in this community. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:

FY 18: Installation of pavilion

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0	95,000	480,000				575,000
Inspection Fees			0	5,000	20,000				25,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	100,000	500,000	0	0	0	600,000

FUNDING SCHEDULE

R1515 Recordation Tax			0	100,000	250,000				350,000
R3380 Program Open Space			0		250,000				250,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	100,000	500,000	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

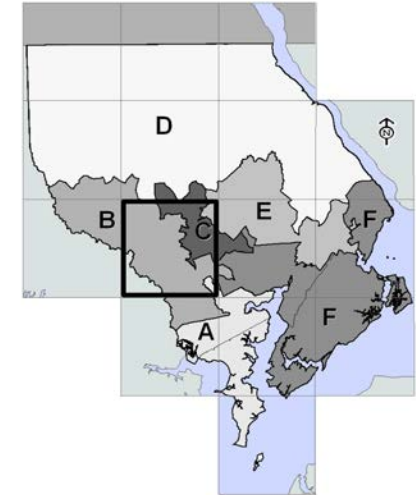
Expended	1,223,207
Encumbered	0
Total	\$1,223,207

PROJECT: Red Pump Road Elementary School Facilities**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air****New****PROJECT DESCRIPTION / JUSTIFICATION:**

A new elementary school has been constructed on Red Pump Road and athletic facilities constructed on an adjoining parcel in partnership with Harford County Public Schools. These fields will be utilized to meet the recreation needs of the Bel Air Recreation Council. Restrooms, storage facilities, playgrounds and other amenities will be needed in the future. Funds for additional improvements may be available from new developments in the area and recreation councils. Additional residential development is anticipated in this community. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 18 - Storage facility construction

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0	50,000	120,000				170,000
Inspection Fees			0		5,000				5,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	50,000	125,000	0	0	0	175,000

FUNDING SCHEDULE

R1515 Recordation Tax			0	50,000	125,000				175,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	50,000	125,000	0	0	0	175,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$148,300

Annual Operating/Maintenance Cost: N/A

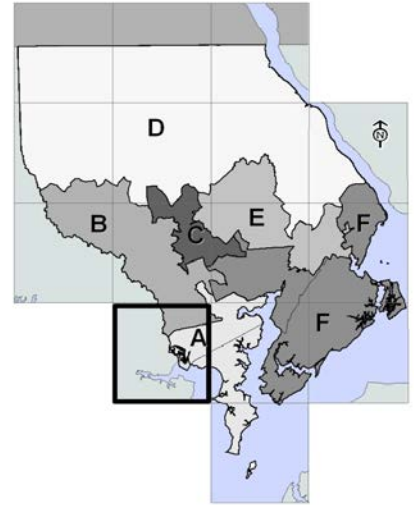
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	914,008
Encumbered	0
Total	\$914,008

PROJECT: Robert Copenhagen Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****P144126****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide improvements to Robert Copenhagen Park in support of the Joppatowne Seahawks recreation football program. Copenhagen Park is the home of the program and the only facility currently available for the football program. Proposed improvements for FY 16 include renovation to the existing restrooms and connecting them to public water and sewer. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16 - Renovation of existing restrooms, including water and sewer construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000					500,000	770,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	0	0	0	500,000	800,000

FUNDING SCHEDULE

R1515 Recordation Tax	300,000		300,000					250,000	550,000
R3380 Program Open Space								250,000	250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	500,000	800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

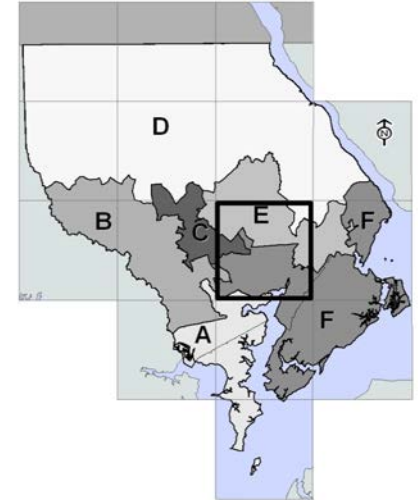
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	61,808
Encumbered	0
Total	\$61,808

PROJECT: Tudor Hall Rehabilitation**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Fountain Green****P084126****PROJECT DESCRIPTION / JUSTIFICATION:**

In 2006, Harford County acquired Tudor Hall, the historic home of the Booth family, including the famous Shakespearean actors Junius and Edwin Booth, as well as John Wilkes Booth. The structure is more than 150 years old and conservation efforts are needed. ADA improvements to the bathroom are currently underway and additional repairs are being identified. Additional funds will be needed to maintain the site and support the growing community interest. Other projects will be identified as the need arises. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan, and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 15 and FY 16 - Construction

PROJECT STATUS:

Engineering for the ADA bathroom renovations is complete and construction is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	475,000		475,000	140,000					615,000
Inspection Fees	25,000		25,000	10,000					35,000
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	150,000	0	0	0	0	650,000

FUNDING SCHEDULE

R8770 Reappropriated	400,000		400,000						400,000
R1515 Recordation Tax				150,000					150,000
R8027 Reappropriated Recordation Tax	100,000		100,000						100,000
R8750 Paygo			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	150,000	0	0	0	0	650,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	136,633
Encumbered	6,426
Total	\$143,059

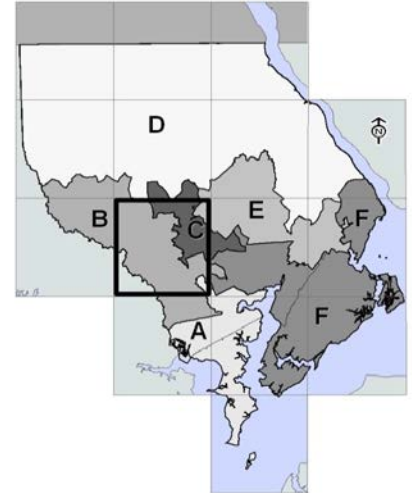
PROJECT: Vale Road Park**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Bel Air****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the construction of new active recreation facilities on the northern side of Heavenly Waters Park. These facilities will address needs for the Bel Air community and will include soccer/lacrosse fields and supporting facilities. Future projects will include a restroom/storage building, picnic pavilion and small playground. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 18 - Engineering and Design

FY 19 - Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	100,000					100,000
Land Acquisition			0						0
Construction			0		950,000			400,000	1,350,000
Inspection Fees			0		50,000				50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	100,000	1,000,000	0	0	400,000	1,500,000

FUNDING SCHEDULE

R1515 Recordation Tax			0	100,000	500,000			200,000	800,000
R3380 Program Open Space			0		500,000			200,000	700,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	100,000	1,000,000	0	0	400,000	1,500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

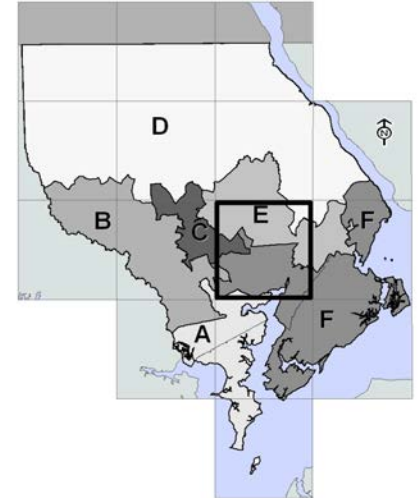
Encumbered

Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Abingdon Road Park**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Abingdon****P154109****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is the construction of a small park with trails and a pavilion at the former Spencer's landfill behind the Abingdon Water Treatment Plant. The Department of Public Works will be capping the former landfill site in accordance with the Maryland Department of the Environment order. As part of that process the Departments of the Public Works and Parks & Recreation held several meetings with the community and surrounding neighborhoods and passive recreation use was desired for the site. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

**PROJECT SCHEDULE:**

FY 15 - FY 16 : Construction

PROJECT STATUS:

The park construction is included in the landfill capping plan approved by the Maryland Department of the Environment.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	150,000		150,000						150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	150,000	0	150,000	0	0	0	0	0	150,000

FUNDING SCHEDULE

R1515 Recordation Tax	150,000		150,000						150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	0	150,000	0	0	0	0	0	150,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

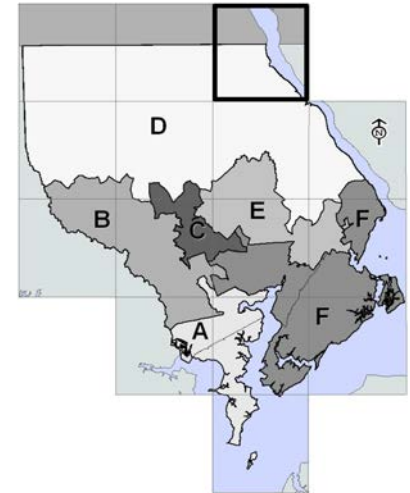
Expended	0
Encumbered	150,000
Total	\$150,000

PROJECT: Broad Creek Boat Launch Ramp**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Flintville****P104110****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes renovation work to the existing bulkhead, pier and launching ramps at Broad Creek. The last major improvement to this facility was made over twenty years ago. The renovation work will improve the facility and provide safe access to and from the water for the general boating public. Engineering and permitting is complete. State funding has been approved from the Waterway Improvement Program to cover most of these costs. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations. FY 2013 appropriation was to accept Federal grant funds through the State.

PROJECT SCHEDULE:**PROJECT STATUS:**

Design is complete. Construction is underway

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	69,000		69,000						69,000
Land Acquisition			0						0
Construction	595,000		595,000						595,000
Inspection Fees	15,000		15,000						15,000
Equipment/Furnishing			0						0
Total Cost	679,000	0	679,000	0	0	0	0	0	679,000

FUNDING SCHEDULE

R1515 Recordation Tax	25,000		25,000						25,000
R3399 State Other	459,000		459,000						459,000
R3199 Federal Other	195,000		195,000						195,000
			0						0
			0						0
			0						0
Total Funds	679,000	0	679,000	0	0	0	0	0	679,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

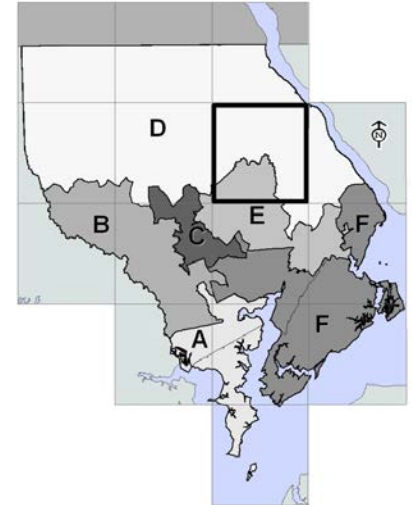
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	380,291
Encumbered	10,190
Total	\$390,481

PROJECT: Churchville Complex Development**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Churchville****P054115****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the further development of the Churchville Recreation Complex. The construction of two multipurpose fields began in FY 2013. The construction of the indoor recreation facility is underway. This facility will house a variety of programs for the Churchville Recreation Council. Future projects include construction of a nature trail and additional active recreation facilities. Additional residential development is anticipated in this community. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 15 - Building redesign completed and building construction has begun
 FY 16 - Equipment purchases for new building

PROJECT STATUS:

Grading and field work is complete and in the warranty period.
 New Recreation Center building is under design.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	405,000		405,000						405,000
Land Acquisition			0						0
Construction	7,911,830		7,911,830						7,911,830
Inspection Fees	240,000		240,000						240,000
Equipment/Furnishing			0						0
Total Cost	8,556,830	0	8,556,830	0	0	0	0	0	8,556,830

FUNDING SCHEDULE

R8750 Paygo	285,322		285,322						285,322
R3199 Federal Other	70,000		70,000						70,000
R7100 Prior Bonds	7,176,830		7,176,830						7,176,830
R3380 Program Open Space	725,000		725,000						725,000
R1515 Recordation Tax	299,678		299,678						299,678
			0						0
Total Funds	8,556,830	0	8,556,830	0	0	0	0	0	8,556,830

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$653,243
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	5,013,212
Encumbered	2,973,639
Total	\$7,986,851

PROJECT: Debris/Derelict Boats

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P144121

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the removal of abandoned boats and debris, as necessary, in navigable waterways in Harford County, Maryland.

This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

As needed



PROJECT STATUS:

Project is open and ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	100,000		100,000						100,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	0	0	0	0	100,000

FUNDING SCHEDULE

R3399 State Other	100,000		100,000						100,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	0	0	0	0	100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	<u>\$0</u>

PROJECT: Fallston Recreation Complex Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Fallston****P144124****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for construction of steps, as well as accessibility improvements to the synthetic turf field and other fields at the Fallston Recreation Complex. Construction of steps to the synthetic turf field will improve player and spectator safety, in addition to further minimizing the presence of dirt, grass, and other organic materials on the field surface.

This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

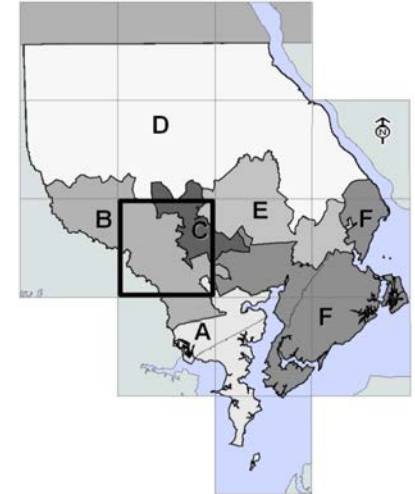
PROJECT SCHEDULE:

FY 14 - Engineering

FY 15 - Construction

PROJECT STATUS:

Project is complete.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	15,000		15,000						15,000
Land Acquisition			0						0
Construction	290,000		290,000						290,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost	325,000	0	325,000	0	0	0	0	0	325,000

FUNDING SCHEDULE

R1515 Recordation Tax	325,000		325,000						325,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	325,000	0	325,000	0	0	0	0	0	325,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

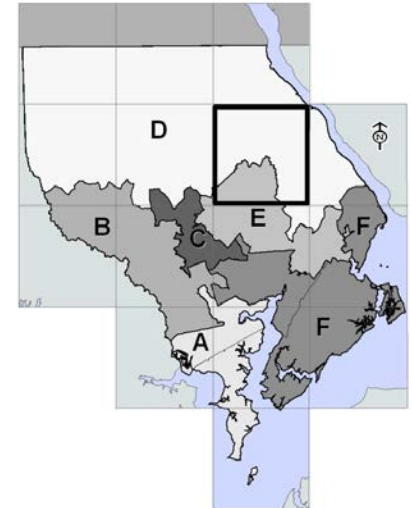
Expended	320,731
Encumbered	0
Total	\$320,731

PROJECT: Francis Silver Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Darlington****P164115****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the installation and construction of a water feed and fencing for the community garden located in the park. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

PROJECT SCHEDULE:

FY 16-Installation of water feed and fencing

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	25,000		25,000						25,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	25,000	0	25,000	0	0	0	0	0	25,000

FUNDING SCHEDULE

R1515 Recordation Tax	25,000		25,000						25,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	25,000	0	25,000	0	0	0	0	0	25,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

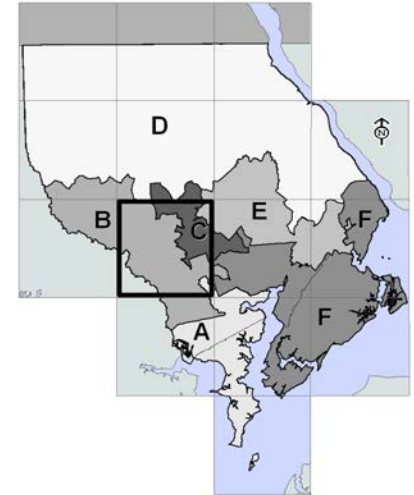
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Harford Center for the Arts**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Emmorton****P164119****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the design and construction of the Harford County Center for the Arts on a site in Emmorton donated by the Emily Bayliss Graham Charitable Trust for that purpose. The Center will be designed and constructed in partnership with the nonprofit Center for the Visual and Performing Arts and other public and private entities. Funding for the project is proposed to be split among County, State/Federal, and private sources. The timing of design and construction will be dependent on the success of private fund-raising efforts. Detailed architectural design and construction documents would be funded in FY 2019. This project supports the goals and objectives of the 2012 County Master Plan.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	50,000		50,000						50,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	50,000	0	50,000	0	0	0	0	0	50,000

FUNDING SCHEDULE

R6999 Other	50,000		50,000						50,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	0	0	0	0	0	50,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

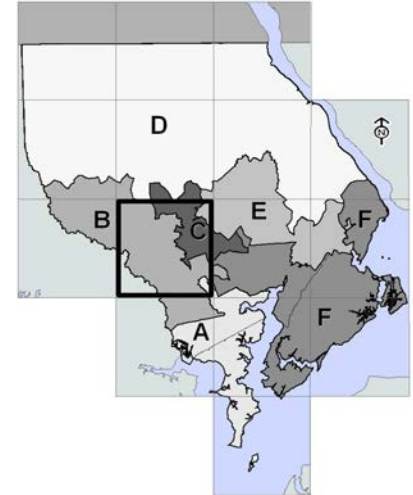
Expended	0
Encumbered	0
Total	\$0

PROJECT: Heavenly Waters Park - Soma**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Benson****P164116****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the long term development of the Soma area of Heavenly Waters Park. FY 16 funding is provided to stabilize the existing barn. The bank barn is unusual and holds potential for adaptive reuse. Future site improvements are dependent on provision of appropriate access. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 16: Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	95,000		95,000						95,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	0	0	0	0	100,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	0	0	0	0	100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	3,650
Encumbered	12,000
Total	\$15,650

PROJECT: Heavenly Waters Park**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Bel Air****P054119****PROJECT DESCRIPTION / JUSTIFICATION:**

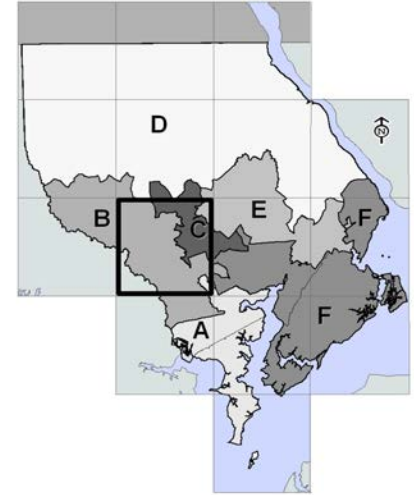
This project proposes the maintenance and development of Heavenly Waters Park. Heavenly Waters Park is the home of the Equestrian Center, Tollgate Fields and the Parks and Recreation Headquarters. The Equestrian Center is used for the Farm Fair and by many different organizations for fundraisers and other events. The current farm pond has structural deficiencies. The conversion of the pond to a wetland will address these deficiencies and reduce the long term maintenance costs of the pond. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 16-17 - Engineering and Design

PROJECT STATUS:

The conceptual options for the pond are under development and will be used to solicit grant funding.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,095,000		2,095,000						2,095,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	2,120,000	0	2,120,000	0	0	0	0	0	2,120,000

FUNDING SCHEDULE

R1515 Recordation Tax	305,000		305,000						305,000
R6330 Developer	25,000		25,000						25,000
R6999 Other	90,000		90,000						90,000
R7100 Prior Bonds	1,100,000		1,100,000						1,100,000
R3399 State Other	600,000		600,000						600,000
Total Funds	2,120,000	0	2,120,000	0	0	0	0	0	2,120,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$117,474

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

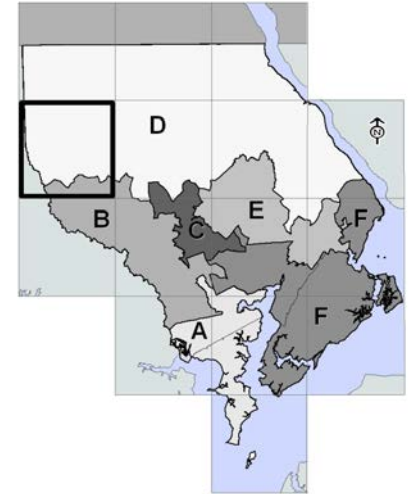
Expended	924,383
Encumbered	0
Total	\$924,383

PROJECT: Jarrettsville Complex Restrooms**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Jarrettsville****P124122****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the replacement of the existing restrooms at the Jarrettsville Recreation Complex. These restrooms were constructed more than 30 years ago and are outdated and inadequate in number for the usage of the park. Renovation of the existing restroom facilities was determined, to be the most cost effective approach. Renovation of the building is expected to be completed in July 2014. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:**PROJECT STATUS:**

Renovation of the restrooms is complete.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	285,000		285,000						285,000
Inspection Fees	15,000		15,000						15,000
Equipment/Furnishing			0						0
Total Cost	350,000	0	350,000	0	0	0	0	0	350,000

FUNDING SCHEDULE

R1515 Recordation Tax	350,000		350,000						350,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	0	0	0	350,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

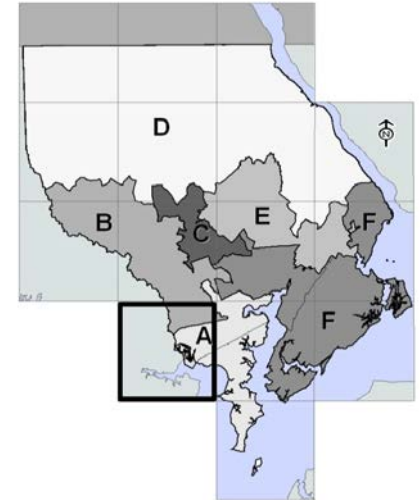
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	269,499
Encumbered	0
Total	\$269,499

PROJECT: Joppatowne Area Dredging**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****P084123****PROJECT DESCRIPTION / JUSTIFICATION:**

This project funded the dredging of the existing navigation channel in Foster Branch Creek and the waterway around Rumsey Island that took place in December, 2010. The project was a 50% State and 50% locally funded project. The County is responsible for 50% of the final SAV assessment fee. Participation by the DNR Waterway Improvement Program is based on the number of boaters benefitted by a project and may vary from project to project. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:****PROJECT STATUS:**

SAV monitoring is complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	175,000		175,000						175,000
Land Acquisition			0						0
Construction	780,000		780,000						780,000
Inspection Fees	35,000		35,000						35,000
Equipment/Furnishing			0						0
Total Cost	990,000	0	990,000	0	0	0	0	0	990,000

FUNDING SCHEDULE

R1515 Recordation Tax	145,000		145,000						145,000
R8750 Paygo	40,000		40,000						40,000
R3399 State Other	467,500		467,500						467,500
R6999 Other	276,747		276,747						276,747
R1602 Special Assessment	60,753		60,753						60,753
			0						0
Total Funds	990,000	0	990,000	0	0	0	0	0	990,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

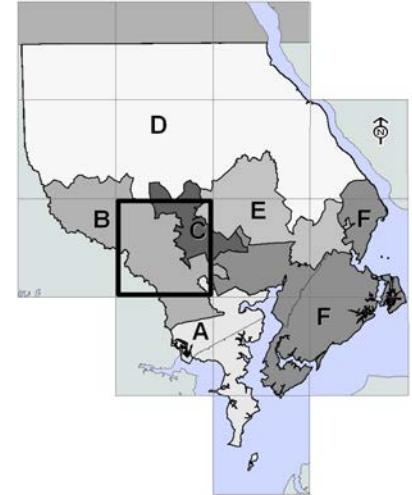
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	409,221
Encumbered	20,062
Total	\$429,283

PROJECT: McFaul Activity Center Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air****P144125****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes replacement of the roof at the McFaul Activity Center. The roof at the activity center has developed several leaks over its lifetime and is in need of repair and replacement, particularly over the office areas in the building. This will prevent further damage to the building. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

**PROJECT SCHEDULE:**

FY 16: Construction

PROJECT STATUS:

Replacement of the roof is complete and under warranty.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	206,000		206,000						206,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost	251,000	0	251,000	0	0	0	0	0	251,000

FUNDING SCHEDULE

R8750 Paygo	242,000		242,000						242,000
R1515 Recordation Tax	9,000		9,000						9,000
			0						0
			0						0
			0						0
			0						0
Total Funds	251,000	0	251,000	0	0	0	0	0	251,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

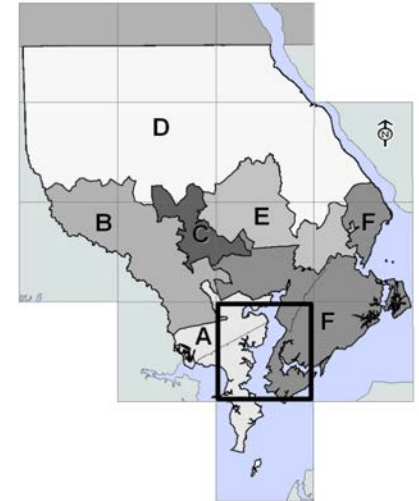
Expended	234,847
Encumbered	7,600
Total	\$242,447

PROJECT: Nuttall Avenue Park Development**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood****P094128****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the development of passive community amenities, such as trails, a picnic pavilion and amphitheatre on a vacant site. Engineering, including site investigation of remnants of former structures, was initiated in FY 2010. Development of an attractive park site and community attractions will contribute to revitalization of the area. Funding may include Community Legacy and Program Open Space funds as well as local funds. Additional residential development is anticipated in the Edgewood community. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 17: Construction

**PROJECT STATUS:**

Design is being modified to address neighborhood concerns.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	400,000		400,000						400,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R8092 Reappropriated Paygo	50,000		50,000						50,000
R3399 State Other	400,000		400,000						400,000
R1515 Recordation Tax	50,000		50,000						50,000
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	0	0	0	0	0	500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

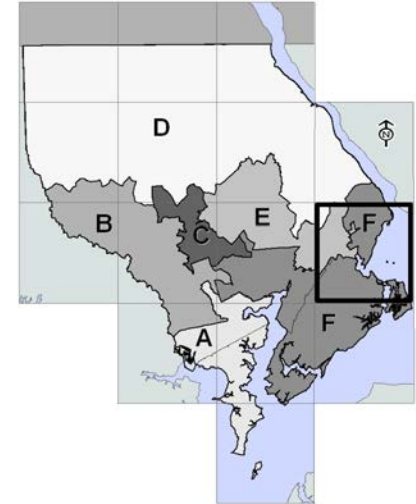
Expended	33,363
Encumbered	11,657
Total	\$45,020

PROJECT: Promenade Park**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****P164117****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes installation of park benches on the new park property by the lighthouse. This property was recently purchased by the City of Havre de Grace. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

PROJECT SCHEDULE:

FY 16 - Installation of park benches

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	15,000		15,000						15,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	15,000	0	15,000	0	0	0	0	0	15,000

FUNDING SCHEDULE

R1515 Recordation Tax	15,000		15,000						15,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	15,000	0	15,000	0	0	0	0	0	15,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

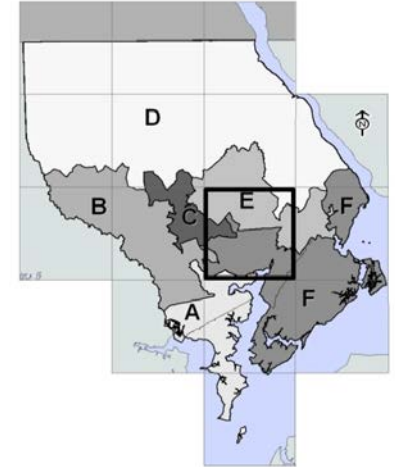
Expended	0
Encumbered	0
Total	\$0

PROJECT: Schucks Road Regional Complex**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Churchville****P064137****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposed the development of a 71 acre site centrally located in Harford County. Three Recreation Councils (Hickory/Fountain Green, Forest Hill and Emmorton) have contributed funds towards site acquisition and will share facilities. The initial phase of park development will include baseball/softball diamonds, lacrosse/soccer field, and entrance road with associated parking.

Population growth in this area will create demand for additional recreation facilities.

This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

**PROJECT SCHEDULE:**

FY 17 - Wetlands mitigation monitoring

PROJECT STATUS:

Construction of the park is complete. Fields are currently available.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	150,000		150,000						150,000
Land Acquisition	200,000		200,000						200,000
Construction	7,340,415		7,340,415						7,340,415
Inspection Fees	420,000		420,000						420,000
Equipment/Furnishing			0						0
Total Cost	8,110,415	0	8,110,415	0	0	0	0	0	8,110,415

FUNDING SCHEDULE

R1515 Recordation Tax	1,995,000		1,995,000						1,995,000
R6999 Other	100,000		100,000						100,000
R7100 Prior Bonds	2,530,000		2,530,000						2,530,000
R8770 Reappropriated	1,454,415		1,454,415						1,454,415
R3380 Program Open Space	1,956,000		1,956,000						1,956,000
R8027 Reappropriated Recordation Tax	75,000		75,000						75,000
Total Funds	8,110,415	0	8,110,415	0	0	0	0	0	8,110,415

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$222,404

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	5,450,078
Encumbered	89,001
Total	\$5,539,079

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM				FY 2022
					FY 2019	FY 2020	FY 2021		

HIGHWAYS FUND

BRIDGES

FY 17 Funded Projects:

Abingdon Road Bridge #169 over CSX	4,355,000	1,030,000	100,000	3,225,000	0	0	0	0
Bridge & Road Scour Repair	2,400,000	1,100,000	200,000	250,000	250,000	200,000	200,000	200,000
Bridge Inspection Program	5,470,000	2,990,000	650,000	160,000	650,000	160,000	700,000	160,000
Carea Road Bridge #126	89,207	0	89,207	0	0	0	0	0
Carrs Mill Road Bridge #216	2,395,000	2,245,000	150,000	0	0	0	0	0
Chestnut Hill Bridge #40	1,315,000	340,000	155,000	820,000	0	0	0	0
Culvert Rehabilitation	5,275,000	4,050,000	225,000	200,000	200,000	200,000	200,000	200,000
Edwards Lane Culvert	905,000	50,000	(45,000)	0	0	900,000	0	0
Glenville Road Bridge #30	1,440,000	250,000	120,000	25,000	1,045,000	0	0	0
Green Road Bridges #119 & #122	644,088	190,000	454,088	0	0	0	0	0
Harford Creamery Road Bridge #104	1,663,204	1,710,000	(46,796)	0	0	0	0	0
Johnson Mill Road Bridge #45	620,000	0	140,000	10,000	0	470,000	0	0
Macton Road Bridge #145	945,449	990,008	(44,559)	0	0	0	0	0
New Park Road Bridge #125	600,000	200,000	400,000	0	0	0	0	0
Phillips Mill Road Bridge #70	1,925,000	500,000	50,000	0	1,375,000	0	0	0
Prospect Road Bridge #217	178,060	225,000	(46,940)	0	0	0	0	0
Stafford Road Bridge #24	1,080,000	200,000	80,000	800,000	0	0	0	0

Outyear Projects:

Boggs Road Bridge #66	990,000	0	0	0	200,000	20,000	0	770,000
Bridge Painting	1,100,000	100,000	0	200,000	200,000	200,000	200,000	200,000
Bridge Rehabilitation	2,450,000	950,000	0	300,000	300,000	300,000	300,000	300,000
Deep Run Road Bridge #152	735,000	0	0	0	175,000	10,000	0	550,000
Fawn Grove Road Bridge #132	1,085,000	10,000	0	225,000	50,000	800,000	0	0
Glen Cove Road Bridge #156	950,000	150,000	0	800,000	0	0	0	0
Moore's Road Bridge #78	925,000	0	0	0	200,000	25,000	0	700,000
Scarboro Road Bridge #140	160,000	0	0	150,000	0	10,000	0	0
Snake Lane Bridge #31	795,000	195,000	0	0	600,000	0	0	0
Structural Evaluation	670,000	420,000	0	50,000	50,000	50,000	50,000	50,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

BRIDGES

Open Projects:

Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Hess Road Bridge #82	1,300,000	1,300,000	0	0	0	0	0	0
Jericho Road Bridge	1,530,000	1,530,000	0	0	0	0	0	0
Robinson Mill Road Bridge #154	1,385,000	1,385,000	0	0	0	0	0	0
Watervale Road Bridge #63	4,155,000	4,155,000	0	0	0	0	0	0

Bridges Total by Project

52,380,008	29,115,008	2,630,000	7,215,000	5,295,000	3,345,000	1,650,000	3,130,000

Paygo	20,533,557	14,038,557	425,000	1,160,000	1,000,000	2,010,000	950,000	950,000
Prior Paygo	0	0	0	0	0	0	0	0
Future Bonds	12,034,000	0	1,190,000	4,680,000	2,809,000	1,335,000	0	2,020,000
Prior Bonds	1,692,268	1,692,268	0	0	0	0	0	0
Reappropriated	443,183	443,183	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	17,197,000	12,461,000	1,015,000	1,375,000	1,486,000	0	700,000	160,000
Other	0	0	0	0	0	0	0	0
Developer	480,000	480,000	0	0	0	0	0	0

Bridges Total by Fund

52,380,008	29,115,008	2,630,000	7,215,000	5,295,000	3,345,000	1,650,000	3,130,000

ROADWAYS

FY 17 Funded Projects:

Bel Air Transportation Study	295,716	300,000	(4,284)	0	0	0	0	0
Drainage Improvements	2,300,000	1,225,000	200,000	175,000	175,000	175,000	175,000	175,000
Guardrails	1,150,000	425,000	100,000	125,000	125,000	125,000	125,000	125,000
Intersection Improvements	3,931,728	2,227,444	204,284	300,000	300,000	300,000	300,000	300,000
Moore's Mill Road	9,713,088	7,212,113	2,500,975	0	0	0	0	0
New Roads and Stormdrains	3,475,000	1,475,000	1,000,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Replacement	2,816,231	1,391,231	75,000	250,000	250,000	250,000	300,000	300,000
Tollgate Road (West Ring Factory Rd. to Plumtree Rd.)	5,473,439	3,143,439	2,330,000	0	0	0	0	0
Wheel Road (Laurel Bush to Fairway)	6,403,915	6,626,226	(222,311)	0	0	0	0	0

Outyear Projects:

Bata Blvd. Access Road	600,000	0	0	150,000	0	0	450,000	0
MD152/Oakmont Road/Port Lane	950,732	400,732	0	0	0	0	550,000	0
Schucks Road Improvements	1,712,192	437,192	0	1,275,000	0	0	0	0
Traffic Calming, Bicycle & Road Safety Improvements	1,200,000	450,000	0	150,000	150,000	150,000	150,000	150,000
Traffic Signals 15	359,601	109,601	0	50,000	50,000	50,000	50,000	50,000
Trimble Road (Joppa Road to Garnett Drive)	650,000	0	0	0	100,000	50,000	0	500,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

ROADWAYS

Open Projects:

Cape Knoll Road Acceptance	150,000	150,000	0	0	0	0	0	0
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Schucks Road Culvert Replacement	80,000	80,000	0	0	0	0	0	0
Village of Scot's Fancy Starmount Lane	750,000	750,000	0	0	0	0	0	0

Roadways Total by Project	42,361,642	26,752,978	6,183,664	2,675,000	1,350,000	1,300,000	2,300,000	1,800,000

Paygo	19,074,206	11,449,206	575,000	1,150,000	1,250,000	1,200,000	1,750,000	1,700,000
Future Bonds	5,880,000	0	4,005,000	1,425,000	0	0	450,000	0
Prior Bonds	4,396	732	3,664	0	0	0	0	0
Reappropriated	1,874,601	1,874,601	0	0	0	0	0	0
State	7,463,439	6,863,439	600,000	0	0	0	0	0
Federal	240,000	240,000	0	0	0	0	0	0
Developer	2,993,292	1,493,292	1,000,000	100,000	100,000	100,000	100,000	100,000
Other	4,831,708	4,831,708	0	0	0	0	0	0

Roadways Total by Fund	42,361,642	26,752,978	6,183,664	2,675,000	1,350,000	1,300,000	2,300,000	1,800,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
HIGHWAYS FUND								
RESURFACING								
FY 17 Funded Projects:								
Resurfacing Roadways	29,502,435	0	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
Open Projects:								
Resurfacing Roadways 14	6,661,509	6,661,509	0	0	0	0	0	0
Resurfacing Roadways 15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Roadways 16	5,292,842	5,292,842	0	0	0	0	0	0
Resurfacing Total by Project	47,059,892	17,557,457	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
Paygo	44,484,500	15,095,000	4,889,500	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
Developer	0	0	0	0	0	0	0	0
Reappropriated	2,575,392	2,462,457	112,935	0	0	0	0	0
Resurfacing Total by Fund	47,059,892	17,557,457	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000
OTHER								
FY 17 Funded Projects:								
APG Gate PILOT	820,603	590,000	230,603	0	0	0	0	0
Fleet Replacement	13,942,000	7,242,000	1,700,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Refresh Program	450,500	323,000	42,500	42,500	42,500	0	0	0
Safeguarding Business Operations	3,187,450	2,437,450	250,000	250,000	250,000	0	0	0
Sidewalks and Handicapped Ramps	1,749,300	780,000	219,300	150,000	150,000	150,000	150,000	150,000
Outyear Projects:								
Efficiency Capital Investment Project	355,000	155,000	0	40,000	40,000	40,000	40,000	40,000
Equipment Sheds	200,000	0	0	100,000	100,000	0	0	0
Open Projects:								
Facilities Repair Program	1,007,000	1,007,000	0	0	0	0	0	0
Fuel Dispensing System Upgrade	950,000	950,000	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0
Hickory II Improvements	823,503	823,503	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	1,600,000	1,600,000	0	0	0	0	0	0
Other Total by Project	26,553,856	17,376,453	2,442,403	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
Paygo	25,851,056	16,842,953	2,273,103	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
Special Paygo	0	0	0	0	0	0	0	0
Reappropriated	25,000	25,000	0	0	0	0	0	0
Federal	169,300	64,650	104,650	0	0	0	0	0
State	70,000	70,000	0	0	0	0	0	0
Developer	64,650	0	64,650	0	0	0	0	0
Other	373,850	373,850	0	0	0	0	0	0
Other Total by Fund	26,553,856	17,376,453	2,442,403	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
TOTAL HIGHWAYS CAPITAL	168,355,398	90,801,896	16,258,502	15,972,500	12,927,500	10,735,000	10,240,000	11,420,000

FY 17 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

BRIDGES

Abingdon Road Bridge #169 over CSX	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Bridge and Road Scour Repair	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program	650,000	0	0	0	0	0	0	0	0	0	650,000	0	0
Carea Road Bridge #126	89,207	57,267	0	0	0	31,940	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	150,000	0	0	0	0	0	0	0	0	0	150,000	0	0
Chestnut Hill Bridge #40	155,000	0	0	0	80,000	0	0	0	0	0	75,000	0	0
Culvert Rehabilitation	225,000	0	225,000	0	0	0	0	0	0	0	0	0	0
Edwards Lane Culvert	(45,000)	(45,000)	0	0	0	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	120,000	0	0	0	20,000	0	0	0	0	0	100,000	0	0
Green Road Bridges #119 & #122	454,088	49,529	0	44,559	360,000	0	0	0	0	0	0	0	0
Harford Creamery Road Bridge #104	(46,796)	(46,796)	0	0	0	0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	140,000	0	0	0	140,000	0	0	0	0	0	0	0	0
Macton Road Bridge #145	(44,559)	0	0	(44,559)	0	0	0	0	0	0	0	0	0
New Park Road Bridge #125	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0
Phillips Mill Road Bridge #70	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Prospect Road Bridge #217	(46,940)	(15,000)	0	0	0	(31,940)	0	0	0	0	0	0	0
Stafford Road Bridge #24	80,000	0	0	0	40,000	0	0	0	0	0	40,000	0	0
SUB-TOTAL BRIDGES	2,630,000	0	425,000	0	1,190,000	0	0	0	0	0	1,015,000	0	0

ROADWAYS

Bel Air Transportation Study	(4,284)	(4,284)	0	0	0	0	0	0	0	0	0	0	0
Drainage Improvements	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
Guardrails	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Intersection Improvements	204,284	4,284	200,000	0	0	0	0	0	0	0	0	0	0
Moore's Mill Road	2,500,975	0	0	225,975	1,675,000	0	0	0	600,000	0	0	0	0
New Roads and Stormdrains	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	0
Stormdrain Replacement	75,000	0	75,000	0	0	0	0	0	0	0	0	0	0
Tollgate Road (West Ring Factory Road to Plumtree Road)	2,330,000	0	0	0	2,330,000	0	0	0	0	0	0	0	0
Wheel Road (Laurel Bush to Fairway)	(222,311)	0	0	(222,311)	0	0	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	6,183,664	0	575,000	3,664	4,005,000	0	0	0	600,000	0	0	1,000,000	0

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>HIGHWAYS FUND</u>													
HIGHWAYS													
RESURFACING													
Resurfacing Roadways	5,002,435	0	4,889,500	0	0	112,935	0	0	0	0	0	0	0
SUB-TOTAL RESURFACING	5,002,435	0	4,889,500	0	0	112,935	0	0	0	0	0	0	0
OTHER													
APG Gate PILOT	230,603	0	230,603	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,700,000	0	1,700,000	0	0	0	0	0	0	0	0	0	0
Refresh Program	42,500	0	42,500	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	219,300	0	50,000	0	0	0	0	0	0	0	104,650	64,650	0
SUB-TOTAL OTHER	2,442,403	0	2,273,103	0	0	0	0	0	0	0	104,650	64,650	0
TOTAL HIGHWAYS FUND CAPITAL	16,258,502	0	8,162,603	3,664	5,195,000	112,935	0	0	600,000	0	1,119,650	1,064,650	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

BRIDGES

FY 17 Funded Projects:

Abingdon Road Bridge #169 over CSX	4,355,000	1,030,000	100,000	3,225,000	0	0	0	0
Bridge & Road Scour Repair	2,400,000	1,100,000	200,000	250,000	250,000	200,000	200,000	200,000
Bridge Inspection Program	5,470,000	2,990,000	650,000	160,000	650,000	160,000	700,000	160,000
Carea Road Bridge #126	89,207	0	89,207	0	0	0	0	0
Carrs Mill Road Bridge #216	2,395,000	2,245,000	150,000	0	0	0	0	0
Chestnut Hill Bridge #40	1,315,000	340,000	155,000	820,000	0	0	0	0
Culvert Rehabilitation	5,275,000	4,050,000	225,000	200,000	200,000	200,000	200,000	200,000
Edwards Lane Culvert	905,000	50,000	(45,000)	0	0	900,000	0	0
Glenville Road Bridge #30	1,440,000	250,000	120,000	25,000	1,045,000	0	0	0
Green Road Bridges #119 & #122	644,088	190,000	454,088	0	0	0	0	0
Harford Creamery Road Bridge #104	1,663,204	1,710,000	(46,796)	0	0	0	0	0
Johnson Mill Road Bridge #45	620,000	0	140,000	10,000	0	470,000	0	0
Macton Road Bridge #145	945,449	990,008	(44,559)	0	0	0	0	0
New Park Road Bridge #125	600,000	200,000	400,000	0	0	0	0	0
Phillips Mill Road Bridge #70	1,925,000	500,000	50,000	0	1,375,000	0	0	0
Prospect Road Bridge #217	178,060	225,000	(46,940)	0	0	0	0	0
Stafford Road Bridge #24	1,080,000	200,000	80,000	800,000	0	0	0	0

Outyear Projects:

Boggs Road Bridge #66	990,000	0	0	0	200,000	20,000	0	770,000
Bridge Painting	1,100,000	100,000	0	200,000	200,000	200,000	200,000	200,000
Bridge Rehabilitation	2,450,000	950,000	0	300,000	300,000	300,000	300,000	300,000
Deep Run Road Bridge #152	735,000	0	0	0	175,000	10,000	0	550,000
Fawn Grove Road Bridge #132	1,085,000	10,000	0	225,000	50,000	800,000	0	0
Glen Cove Road Bridge #156	950,000	150,000	0	800,000	0	0	0	0
Moore's Road Bridge #78	925,000	0	0	0	200,000	25,000	0	700,000
Scarboro Road Bridge #140	160,000	0	0	150,000	0	10,000	0	0
Snake Lane Bridge #31	795,000	195,000	0	0	600,000	0	0	0
Structural Evaluation	670,000	420,000	0	50,000	50,000	50,000	50,000	50,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

BRIDGES

Open Projects:

Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Hess Road Bridge #82	1,300,000	1,300,000	0	0	0	0	0	0
Jericho Road Bridge	1,530,000	1,530,000	0	0	0	0	0	0
Robinson Mill Road Bridge #154	1,385,000	1,385,000	0	0	0	0	0	0
Watervale Road Bridge #63	4,155,000	4,155,000	0	0	0	0	0	0
Bridges Total by Project	52,380,008	29,115,008	2,630,000	7,215,000	5,295,000	3,345,000	1,650,000	3,130,000
Paygo	20,533,557	14,038,557	425,000	1,160,000	1,000,000	2,010,000	950,000	950,000
Prior Paygo	0	0	0	0	0	0	0	0
Future Bonds	12,034,000	0	1,190,000	4,680,000	2,809,000	1,335,000	0	2,020,000
Prior Bonds	1,692,268	1,692,268	0	0	0	0	0	0
Reappropriated	443,183	443,183	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	17,197,000	12,461,000	1,015,000	1,375,000	1,486,000	0	700,000	160,000
Other	0	0	0	0	0	0	0	0
Developer	480,000	480,000	0	0	0	0	0	0
Bridges Total by Fund	52,380,008	29,115,008	2,630,000	7,215,000	5,295,000	3,345,000	1,650,000	3,130,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>HIGHWAYS FUND</u>													
HIGHWAYS													
BRIDGES													
Abingdon Road Bridge #169 over CSX	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Bridge and Road Scour Repair	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program	650,000	0	0	0	0	0	0	0	0	0	650,000	0	0
Carea Road Bridge #126	89,207	57,267	0	0	0	31,940	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	150,000	0	0	0	0	0	0	0	0	0	150,000	0	0
Chestnut Hill Bridge #40	155,000	0	0	0	80,000	0	0	0	0	0	75,000	0	0
Culvert Rehabilitation	225,000	0	225,000	0	0	0	0	0	0	0	0	0	0
Edwards Lane Culvert	(45,000)	(45,000)	0	0	0	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	120,000	0	0	0	20,000	0	0	0	0	0	100,000	0	0
Green Road Bridges #119 & #122	454,088	49,529	0	44,559	360,000	0	0	0	0	0	0	0	0
Harford Creamery Road Bridge #104	(46,796)	(46,796)	0	0	0	0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	140,000	0	0	0	140,000	0	0	0	0	0	0	0	0
Macton Road Bridge #145	(44,559)	0	0	(44,559)	0	0	0	0	0	0	0	0	0
New Park Road Bridge #125	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0
Phillips Mill Road Bridge #70	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Prospect Road Bridge #217	(46,940)	(15,000)	0	0	0	(31,940)	0	0	0	0	0	0	0
Stafford Road Bridge #24	80,000	0	0	0	40,000	0	0	0	0	0	40,000	0	0
SUB-TOTAL BRIDGES	2,630,000	0	425,000	0	1,190,000	0	0	0	0	0	1,015,000	0	0

PROJECT: Abingdon Road Bridge #169 over CSX**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: F****LOCATION: Abingdon****H104501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace existing bridge over CSX. This project is eligible for Federal Funds.

The bridge's deck is in poor condition and the beams are deteriorating and need to be replaced.

The project will be innovative in that ABC/PBES (Accelerated Bridge Construction / Pre-fabricated Bridge Element Systems) will be utilized. This project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY10 - Design

FY14 - Design, SHA Review, R/W

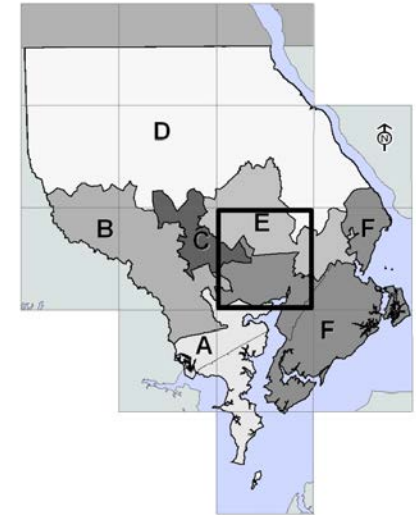
FY16 - Design

FY17 - R/W

FY18 - Utilities & Construction

PROJECT STATUS:

Design approximately 30% complete

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	620,000		620,000						620,000
Land Acquisition	210,000	100,000	310,000						310,000
Construction	200,000		200,000	3,025,000					3,225,000
Inspection Fees			0	200,000					200,000
Equipment/Furnishing			0						0
Total Cost	1,030,000	100,000	1,130,000	3,225,000	0	0	0	0	4,355,000

FUNDING SCHEDULE

R8750 Paygo	150,762		150,762						150,762
R3140 Federal TEA-21	710,000		710,000	2,500,000					3,210,000
R8770 Reappropriated	69,238		69,238						69,238
R7000 Future Bonds		100,000	100,000	725,000					825,000
R7100 Prior Bonds	100,000		100,000						100,000
			0						0
Total Funds	1,030,000	100,000	1,130,000	3,225,000	0	0	0	0	4,355,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$9,193

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	323,949
Encumbered	69,130
Total	\$393,079

PROJECT: Bridge & Road Scour Repairs**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H064501****PROJECT DESCRIPTION / JUSTIFICATION:**

Most of the bridges in the County cross over streams and there are many roads that were built adjacent to streams as well as crossing over streams. All of these are vulnerable to the cumulative damage from small storms and the severe damage from major storms. The damage includes the undermining of bridge abutments and piers and the removal of road bed material from the stream/road banks. Severe damage can lead to bridge failure or road closure. These funds will be used to design and install scour countermeasures to rebuild or repair damaged areas or to protect areas that are vulnerable to future stream scour.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future needs of the County.

PROJECT SCHEDULE:

Ongoing Program - FY16 Madonna Road Embankment Repair Phase 1 (Rocks State Park)
FY17 - Madonna Road Embankment Repair Phase 2 (Rocks State Park)

PROJECT STATUS:

Various projects are continuously being designed & constructed under this account.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	90,000	15,000	105,000	15,000	15,000	10,000	10,000	10,000	165,000
Land Acquisition	5,000		5,000	15,000	15,000	10,000	10,000	10,000	65,000
Construction	920,000	165,000	1,085,000	205,000	205,000	170,000	170,000	170,000	2,005,000
Inspection Fees	85,000	20,000	105,000	15,000	15,000	10,000	10,000	10,000	165,000
Equipment/Furnishing			0						0
Total Cost	1,100,000	200,000	1,300,000	250,000	250,000	200,000	200,000	200,000	2,400,000

FUNDING SCHEDULE

R8750 Paygo	1,100,000	200,000	1,300,000	250,000	250,000	200,000	200,000	200,000	2,400,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,100,000	200,000	1,300,000	250,000	250,000	200,000	200,000	200,000	2,400,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 758,835

Encumbered 125,826

Total 884,661

PROJECT: Bridge Inspection Program**COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****HIGHWAYS - BRIDGES****H054501****PROJECT DESCRIPTION / JUSTIFICATION:**

This program provides funding for the inspection of bridges in Harford County. The bridges under 20' are inspected every two years (even fiscal years) using County funding. The bridges over 20' are inspected every two years (odd fiscal years) using Federal funding. Federal law mandates the inspection of all bridges over 20' clear span on a two year cycle. The bridge inspection data is analyzed to develop priorities for bridge repairs and replacements. As of September 2009, the County's DPW maintains 66 under 20' long and 157 structures longer than 20'.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY16 - Bridges under 20'

FY17 - Bridges over 20'

**PROJECT STATUS:**

Design is continuous and based on the year as to whether we are inspecting over 20' span or under 20' span.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	2,990,000	650,000	3,640,000	160,000	650,000	160,000	700,000	160,000	5,470,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	2,990,000	650,000	3,640,000	160,000	650,000	160,000	700,000	160,000	5,470,000

FUNDING SCHEDULE

R8750 Paygo	380,000		380,000	160,000		160,000			700,000
R3140 Federal Aid	2,560,000	650,000	3,210,000		650,000		700,000	160,000	4,720,000
R8089 Reappropriated Paygo	50,000		50,000						50,000
			0						0
			0						0
			0						0
Total Funds	2,990,000	650,000	3,640,000	160,000	650,000	160,000	700,000	160,000	5,470,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,337,829
Encumbered	11,469
Total	\$2,349,298

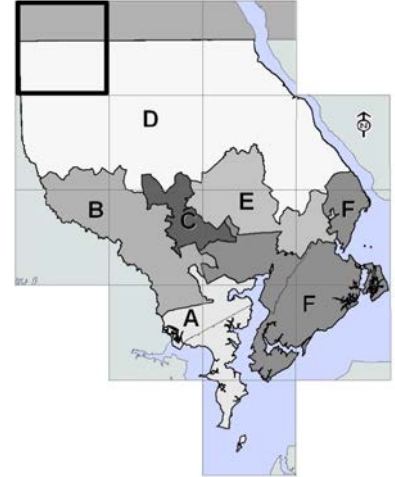
PROJECT: Carea Road Bridge #126**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Norrisville****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the large culvert that carries Carea Road over a tributary to Big Branch. The existing culvert is poorly aligned with the stream channel and is deteriorating with scour under the upstream wingwall and abutment.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY17 - Design

**PROJECT STATUS:**

Prior Paygo funding of \$45,000 is from Edwards Lane Culvert project and \$12,267 from Prospect Road Bridge Project.

Reappropriated Paygo funds are from Prospect Road Bridge Project @ \$31,940

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		89,207	89,207						89,207
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	89,207	89,207	0		0	0	0	89,207

FUNDING SCHEDULE

R8750 Prior Paygo		57,267	57,267						57,267
R8089 Reappropriated Paygo		31,940	31,940						31,940
			0						0
			0						0
			0						0
			0						0
Total Funds	0	89,207	89,207	0		0	0	0	89,207

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Carrs Mill Road Bridge #216**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Fallston****H084501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the triple cell concrete pipe bridge that carries Carrs Mill Road over Bear Cabin Branch. The concrete pipes and the slate headwalls are severely deteriorated and need to be replaced. The project will improve the road alignment at this structure and the hydraulic capacity of the structure. This project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY10/11 - Design

FY12/13- R/W & Permits

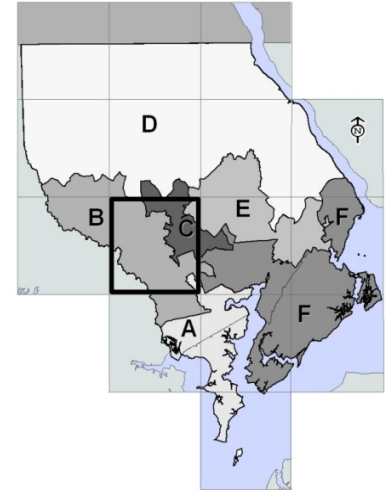
FY14/15 - Utilities & Construction

FY16 - Inspections

FY17 - Construction

PROJECT STATUS:

Design 100% complete. Finalizing R/W negotiations.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	360,000		360,000						360,000
Land Acquisition			0						0
Construction	1,785,000	150,000	1,935,000						1,935,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost	2,245,000	150,000	2,395,000	0	0	0	0	0	2,395,000

FUNDING SCHEDULE

R8750 Paygo	512,000		512,000						512,000
R3140 Federal Aid	1,623,000	150,000	1,773,000						1,773,000
R7100 Prior Bonds	100,000		100,000						100,000
R8089 Reappropriated Paygo	10,000		10,000						10,000
			0						0
			0						0
Total Funds	2,245,000	150,000	2,395,000	0	0	0	0	0	2,395,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$9,976

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	384,311
Encumbered	4,356
Total	\$388,667

PROJECT: Chestnut Hill Bridge #40**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Hickory****H114501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will replace the existing Chestnut Hill Road Bridge. The current structure is a single lane bridge with deteriorating superstructure and an inadequate waterway opening. This project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

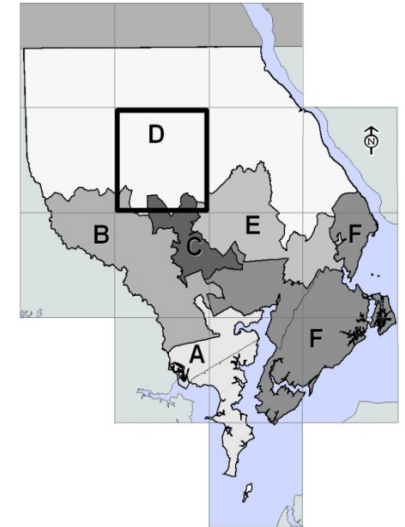
FY13/15 - Design

FY17 - R/W & Permits; Utility Relocations

FY19 - Construction

PROJECT STATUS:

Design approximately 50% complete.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	340,000		340,000						340,000
Land Acquisition		30,000	30,000						30,000
Construction		125,000	125,000	740,000					865,000
Inspection Fees			0	80,000					80,000
Equipment/Furnishing			0						0
Total Cost	340,000	155,000	495,000	820,000	0	0	0	0	1,315,000

FUNDING SCHEDULE

R8750 Paygo	94,000		94,000						94,000
R3140 Federal Aid	246,000	75,000	321,000	650,000					971,000
R7000 Future Bonds		80,000	80,000	170,000					250,000
			0						0
			0						0
			0						0
Total Funds	340,000	155,000	495,000	820,000	0	0	0	0	1,315,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	192,153
Encumbered	9,281
Total	\$201,434

PROJECT: Culvert Rehabilitation**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H054506****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for the replacement/rehabilitation/repair of existing culverts, headwalls, wingwalls, etc. throughout the County.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

Ongoing Program

PROJECT STATUS:

Various projects are continuously being designed and constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	505,000	15,000	520,000	35,000	35,000	35,000	35,000	35,000	695,000
Land Acquisition	30,000		30,000	5,000	5,000	5,000	5,000	5,000	55,000
Construction	3,180,000	200,000	3,380,000	125,000	125,000	125,000	125,000	125,000	4,005,000
Inspection Fees	335,000	10,000	345,000	35,000	35,000	35,000	35,000	35,000	520,000
Equipment/Furnishing			0						0
Total Cost	4,050,000	225,000	4,275,000	200,000	200,000	200,000	200,000	200,000	5,275,000

FUNDING SCHEDULE

R8750 Paygo	4,050,000	225,000	4,275,000	200,000	200,000	200,000	200,000	200,000	5,275,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	4,050,000	225,000	4,275,000	200,000	200,000	200,000	200,000	200,000	5,275,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	3,915,806
Encumbered	13,649
Total	\$3,929,455

PROJECT: Edwards Lane Culvert**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: E****LOCATION: Churchville****H154501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the existing culvert on Edwards Lane approximately 1/4 mile east of Schucks Road.

The existing culvert is deteriorating and undersized. The road in the immediate vicinity of the culvert is poorly aligned with inadequate drainage. This segment of road floods frequently causing a hazard to motorists and potential damage to the roadway itself.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY10 - Design

FY15 - R/W

FY17 - Construction on hold.

FY20 - Construction

PROJECT STATUS:

Design Complete - R/W Acquired

Construction on hold.

Prior Paygo funding in the amount of \$45,000 was moved off this capital project and to the Carea Road Bridge capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition	50,000	(45,000)	5,000						5,000
Construction			0			800,000			800,000
Inspection Fees			0			100,000			100,000
Equipment/Furnishing			0						0
Total Cost	50,000	(45,000)	5,000	0	0	900,000	0	0	905,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000			900,000			950,000
R8750 Prior Paygo		(45,000)	(45,000)						(45,000)
			0						
			0						
			0						
			0						
Total Funds	50,000	(45,000)	5,000	0	0	900,000	0	0	905,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

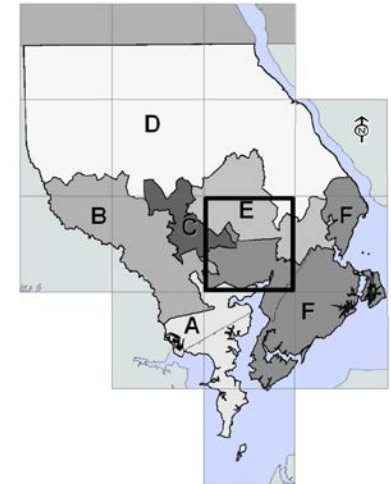
Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Glenville Road Bridge #30**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Churchville****H164501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Glenville Road over Mill Brook. The existing bridge is a single lane, steel beam, concrete deck structure. The existing concrete deck, exterior beams, and wingwalls are severely deteriorated and there is evidence of scour under the western abutment.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

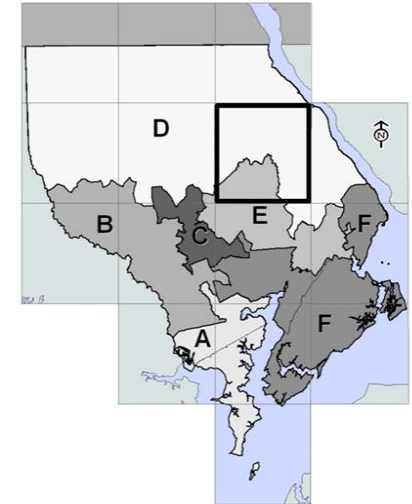
PROJECT SCHEDULE:

FY16 - Design

FY17 - Design

FY18 - R/W

FY19 - Utility Relocation & Construction

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	250,000	120,000	370,000						370,000
Land Acquisition			0	25,000					25,000
Construction			0		970,000				970,000
Inspection Fees			0		75,000				75,000
Equipment/Furnishing			0						0
Total Cost	250,000	120,000	370,000	25,000	1,045,000	0	0	0	1,440,000

FUNDING SCHEDULE

R7000 Future Bonds		20,000	20,000	25,000	209,000				254,000
R3140 Federal TEA-21	200,000	100,000	300,000		836,000				1,136,000
R7100 Prior Bonds	50,000		50,000						50,000
			0						0
			0						0
			0						0
Total Funds	250,000	120,000	370,000	25,000	1,045,000	0	0	0	1,440,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$5,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Green Road Bridges #119 and #122**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Norrisville****H134503****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridges that carry Green Road over a tributary of Deer Creek. The beams, deck, and abutments are deteriorating and need to be replaced on both bridges. Both bridges are structurally deficient and are posted. The road alignment on the approaches to these structures will also be improved. Due to the very low volumes on this dirt road, a pre-fabricated bridge is being investigated for the replacement structure. Will be designed in single design contract. Green Road Bridge #119 & #122 are now merged into one Capital Project - Green Road Bridges #119 & #122.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY12 - Design

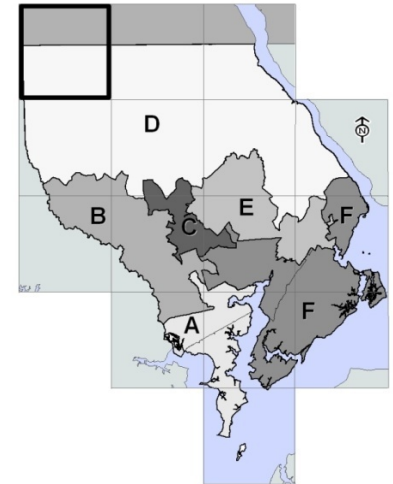
FY14 - R/W & Permits

FY17 - Construction

PROJECT STATUS:

Design Complete - R/W Acquired

Prior Paygo funding of \$46,796 is from Harford Creamery Road Bridge project; \$2,733 is from Prospect Road Bridge Project; Prior bond funding in the amount of \$44,559 is from the Macton Road Bridge capital project.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	175,000		175,000						175,000
Land Acquisition			0						0
Construction	15,000	400,000	415,000						415,000
Inspection Fees		54,088	54,088						54,088
Equipment/Furnishing			0						0
Total Cost	190,000	454,088	644,088	0	0	0	0	0	644,088

FUNDING SCHEDULE

R8750 Paygo	190,000		190,000						190,000
R7000 Future Bonds		360,000	360,000						360,000
R7100 Prior Bonds		44,559	44,559						44,559
R8750 Prior Paygo		49,529	49,529						49,529
			0						0
			0						0
Total Funds	190,000	454,088	644,088	0	0	0	0	0	644,088

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	115,036
Encumbered	1,779
Total	\$116,815

PROJECT: Harford Creamery Road Bridge #104**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Blackhorse****H044501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the Harford Creamery Road Bridge #104 over a tributary of Little Deer Creek. The upstream northwest stone wingwall is undermined and failing due to the stream scouring the embankment behind it. The exterior beams and the deck above them are in poor condition. The bridge is currently posted at 10 tons. This project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

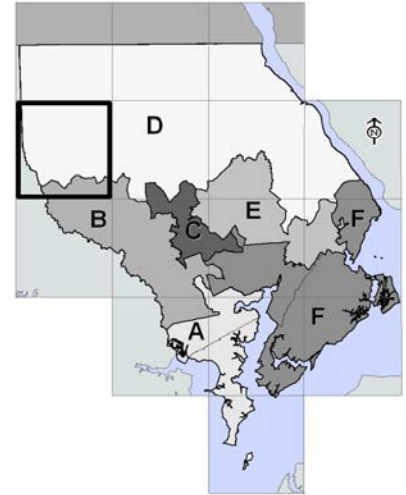
PROJECT SCHEDULE:

FY04: Design
 FY08: R/W & Construction
 FY13-15: Construction
 FY17: Construction complete.

PROJECT STATUS:

Design complete, R/W Acquisition Complete
 Advertise for Construction: Spring / Summer, 2014

Paygo funding of \$46,796 was moved to the Green Road Bridges capital project.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	272,042		272,042						272,042
Land Acquisition	10,000		10,000						10,000
Construction	1,357,958	(46,796)	1,311,162						1,311,162
Inspection Fees	70,000		70,000						70,000
Equip. / Furn.			0						0
Total Cost	1,710,000	(46,796)	1,663,204	0	0	0	0	0	1,663,204

FUNDING SCHEDULE

R8750 Paygo	405,000		405,000						405,000
R3140 Federal Aid	1,159,000		1,159,000						1,159,000
R7100 Prior Bonds	146,000		146,000						146,000
R8750 Prior Paygo		(46,796)	(46,796)						(46,796)
			0						0
									0
Total Funds	1,710,000	(46,796)	1,663,204	0	0	0	0	0	1,663,204

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$12,966
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,390,943
Encumbered	165,579
Total	\$1,556,522

PROJECT: Johnson Mill Road Bridge #45**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Hickory****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the Johnson Mill Road Bridge #45 over Stout Bottle Branch. This is a single lane structure with average daily traffic volumes of approximately 500 vehicles. The bridge railing is substandard and a part of the northwest wingwall is failing. The concrete deck and exterior beams are deteriorating resulting in a posting of 10 tons.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

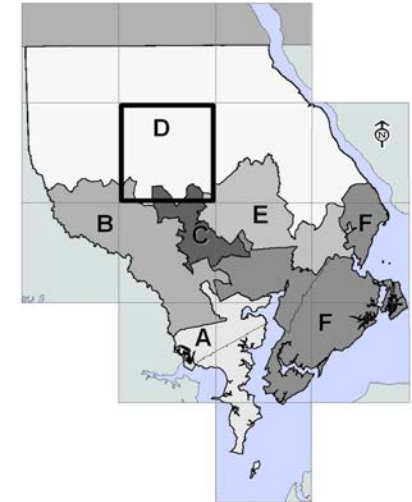
FY17 - Design

FY18 - R/W & Permits

FY20 - Construction

PROJECT STATUS:

Not currently funded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		140,000	140,000						140,000
Land Acquisition			0	10,000					10,000
Construction			0			430,000			430,000
Inspection Fees			0			40,000			40,000
Equipment/Furnishing			0						0
Total Cost	0	140,000	140,000	10,000	0	470,000	0	0	620,000

FUNDING SCHEDULE

R7000 Future Bonds		140,000	140,000	10,000		470,000			620,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	140,000	140,000	10,000	0	470,000	0	0	620,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Macton Road Bridge #145**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Whiteford****H074501****PROJECT DESCRIPTION / JUSTIFICATION:**

Funds are requested for the replacement of Macton Road Bridge #145 over a tributary of Broad Creek. The bridge abutments and wingwalls are in fair condition, the beams are in poor condition with section loss. The bridge is poorly aligned with the stream, causing the stream to scour the northeast wingwall.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

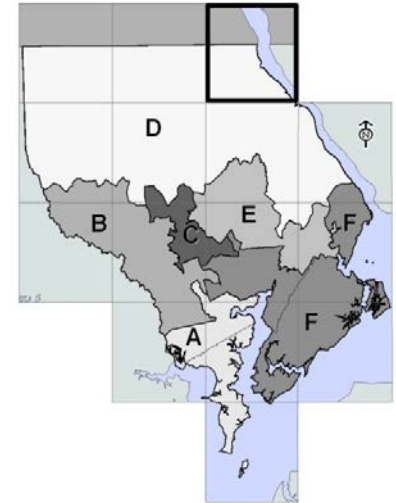
PROJECT SCHEDULE:

FY08 - Design
 FY09 - RW & Construction
 FY14 - Construction
 FY16 - Project complete and will be closed
 FY17 - Close project and reappropriate funds

PROJECT STATUS:

Project Complete

Prior Bond funding in the amount of \$44,559 was transferred to the Green Road Bridges capital project.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	135,000		135,000						135,000
Land Acquisition	35,000		35,000						35,000
Construction	720,008	(44,559)	675,449						675,449
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost	990,008	(44,559)	945,449	0	0	0	0	0	945,449

FUNDING SCHEDULE

R8750 Paygo	173,740		173,740						173,740
R7100 Prior Bonds	816,268	(44,559)	771,709						771,709
			0						0
			0						0
			0						0
			0						0
Total Funds	990,008	(44,559)	945,449	0	0	0	0	0	945,449

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$70,177

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 945,449

Encumbered

Total \$945,449

PROJECT: New Park Road Bridge #125**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Norrisville****H144504****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries New Park Road over Island Branch. The existing bridge is narrow and poorly aligned with the approaches. Additionally, the wingwalls are deteriorated and the abutments show evidence of scour. The bridge is posted for 10 Tons. Current plans call for a complete replacement of the existing structure.

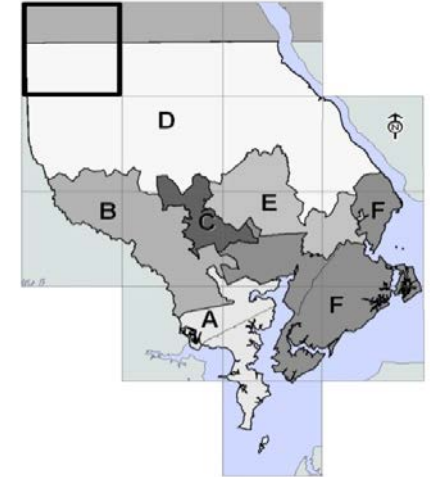
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY14/15 - Design
 FY16 - R/W & Utilities
 FY17 - Construction

PROJECT STATUS:

Design Initiated

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	175,000		175,000						175,000
Land Acquisition	25,000	10,000	35,000						35,000
Construction		350,000	350,000						350,000
Inspection Fees		40,000	40,000						40,000
Equipment/Furnishing			0						0
Total Cost	200,000	400,000	600,000	0	0	0	0	0	600,000

FUNDING SCHEDULE

R8750 Paygo	175,000		175,000						175,000
R7100 Prior Bonds	25,000		25,000						25,000
R7000 Future Bonds		400,000	400,000						400,000
			0						0
			0						0
			0						0
Total Funds	200,000	400,000	600,000	0	0	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,220
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

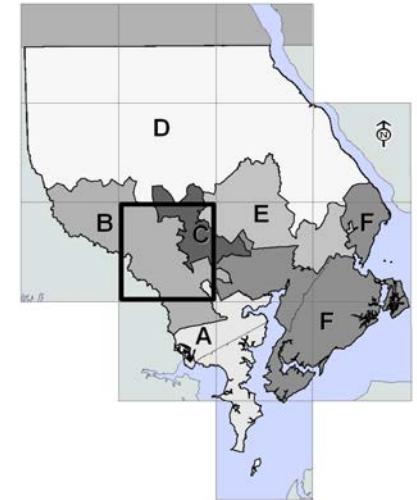
Financial Activity as of 1/5/16:

Expended	51,284
Encumbered	103,585
Total	\$154,869

PROJECT: Phillips Mill Road Bridge #70**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Forest Hill****H114502****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Phillips Mill Road over a tributary to East Branch. The existing structure shows scour around the abutments, a deteriorated deck, and an undersized waterway opening.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

FY14/16 - Design

FY17 - R/W & Permits

FY19 - Construction

PROJECT STATUS:

Design approximately 25% complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	490,000		490,000						490,000
Land Acquisition	10,000	50,000	60,000						60,000
Construction			0		1,300,000				1,300,000
Inspection Fees			0		75,000				75,000
Equipment/Furnishing			0						0
Total Cost	500,000	50,000	550,000	0	1,375,000	0	0	0	1,925,000

FUNDING SCHEDULE

R8750 Paygo	130,000		130,000						130,000
R3140 Federal Aid	320,000		320,000						320,000
R7100 Prior Bonds	50,000		50,000						50,000
R7000 Future Bonds		50,000	50,000		1,375,000				1,425,000
			0						0
			0						0
Total Funds	500,000	50,000	550,000	0	1,375,000	0	0	0	1,925,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$4,440

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 283,818

Encumbered 23,739

Total \$307,557

PROJECT: Prospect Road Bridge #217**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Whiteford****H124502****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the 3-cell culvert that carries Prospect Road over Deep Run. The existing structure is undersized and the pipes are deteriorating. Additionally, the opening is undersized and needs to be increased to resist flooding and blockages.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

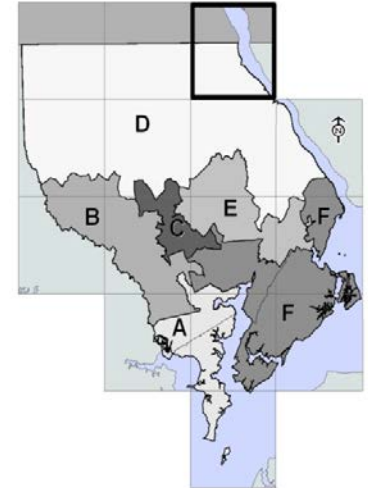
FY14/15 - Design

FY17 - Close account and reappropriate balance of funding to Carea Road Bridge #126 (New).

PROJECT STATUS:

Close account. Project repairs to be performed without complete structure replacement.

Prior Paygo funding in the amount of \$2,733 was moved to the Green Road Bridges capital project and \$12,267 was moved to the Carea Road Bridge capital project. Reappropriated funding in the amount of \$31,940 was moved to Carea Road Bridge.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	225,000	(46,940)	178,060						178,060
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	225,000	(46,940)	178,060	0	0	0	0	0	178,060

FUNDING SCHEDULE

R8750 Paygo	15,000		15,000						15,000
R3140 Federal Aid	175,000		175,000						175,000
R8089 Reappropriated Paygo	35,000	(31,940)	3,060						3,060
R8750 Prior Paygo		(15,000)	(15,000)						(15,000)
			0						0
			0						0
Total Funds	225,000	(46,940)	178,060	0	0	0	0	0	178,060

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	3,060
Encumbered	0
Total	\$3,060

PROJECT: Stafford Road Bridge #24**COUNCIL DISTRICT: D****LOCATION: Darlington****HIGHWAYS - BRIDGES****H154502****Project Description / Justification:**

This bridge carries Stafford Road over Deer Creek. The bridge, built in 1950, shows numerous deficiencies and areas of deterioration. The purpose of this project is to rehabilitate the bridge to extend its useful life for another 40 years.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

Project Schedule:

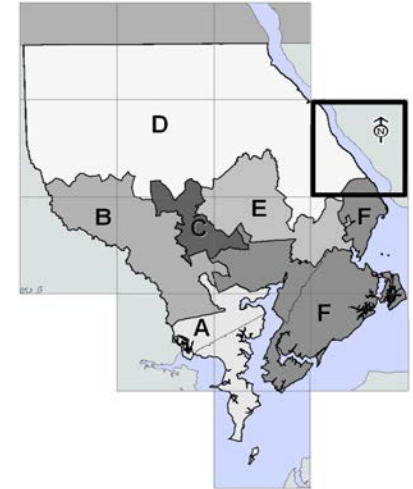
FY15 - Design

FY17 - Design

FY18 - Construction

Project Status:

Design Initiated.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	200,000	80,000	280,000						280,000
Land Acquisition			0						0
Construction			0	750,000					750,000
Inspection Fees			0	50,000					50,000
Equipment/Furnishing			0						0
Total Cost	200,000	80,000	280,000	800,000	0	0	0	0	1,080,000

FUNDING SCHEDULE

R8750 Paygo	40,000		40,000						40,000
R3140 Federal Aid	160,000	40,000	200,000						200,000
R7000 Future Bonds		40,000	40,000	800,000					840,000
			0						0
			0						0
			0						0
Total Funds	200,000	80,000	280,000	800,000	0	0	0	0	1,080,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	9,437
Encumbered	10,917
Total	\$20,354

OUTYEAR PROJECTS

FY 18 - FY 22

PROJECT: Boggs Road Bridge #66**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Forest Hill****New****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to replace the bridge that carries Boggs Road over Long Branch. The existing bridge is a single lane, steel beam, concrete deck structure with bituminous concrete surfacing that is posted for 13 tons. The two lane approach road on both ends of the single lane bridge are in horizontal curves that restrict sight distance across the bridge. The existing area is developing rapidly and is not able to carry the expected heavier traffic volumes. It is not possible to place a two lane deck on the existing narrow abutments.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

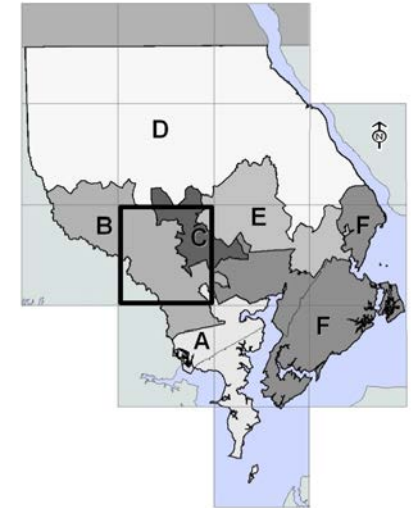
FY19 - Design

FY20 - R/W & Permits

FY22 - Construction

PROJECT STATUS:

Not currently funded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		200,000				200,000
Land Acquisition			0			20,000			20,000
Construction			0					700,000	700,000
Inspection Fees			0					70,000	70,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	200,000	20,000	0	770,000	990,000

FUNDING SCHEDULE

R7000 Future Bonds			0		200,000	20,000		770,000	990,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	200,000	20,000	0	770,000	990,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Bridge Painting**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H144501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding to paint bridges in Harford County. This preventative maintenance project will help to conserve future County resources by extending the life of the existing bridges and forestalling expensive replacement costs. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:**PROJECT STATUS:**

Various projects are continuously being designed & constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	5,000		5,000	5,000	5,000	5,000	5,000	5,000	30,000
Land Acquisition			0						0
Construction	95,000		95,000	175,000	175,000	175,000	175,000	175,000	970,000
Inspection Fees			0	20,000	20,000	20,000	20,000	20,000	100,000
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	200,000	200,000	200,000	200,000	200,000	1,100,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000	200,000	200,000	200,000	200,000	200,000	1,100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	200,000	200,000	200,000	200,000	200,000	1,100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	98,330
Encumbered	0
Total	\$98,330

PROJECT: Bridge Rehabilitation**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H134502****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will supply funds to maintain and repair the County's 200+ bridges. The design and construction of repairs to one or more bridge members is typical of this project. Design and construction is completed with in-house personnel, supplemented with outside forces. Extensive bridge rehabilitation and bridge replacement work is completed as individual Capital projects in other parts of the budget.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Various projects are continuously being designed and constructed under this account.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	110,000		110,000	40,000	40,000	40,000	40,000	40,000	310,000
Land Acquisition			0						0
Construction	775,000		775,000	225,000	225,000	225,000	225,000	225,000	1,900,000
Inspection Fees	65,000		65,000	35,000	35,000	35,000	35,000	35,000	240,000
Equipment/Furnishing			0						0
Total Cost	950,000	0	950,000	300,000	300,000	300,000	300,000	300,000	2,450,000

FUNDING SCHEDULE

R8750 Paygo	950,000		950,000	300,000	300,000	300,000	300,000	300,000	2,450,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	950,000	0	950,000	300,000	300,000	300,000	300,000	300,000	2,450,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

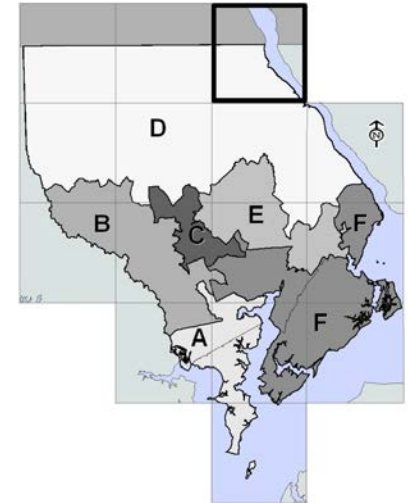
Financial Activity as of 1/5/16:

Expended	253,735
Encumbered	16,605
Total	\$270,340

PROJECT: Deep Run Road Bridge #152**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Whiteford****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Deep Run Road over Deep Run. The existing bridge has a deteriorated deck and superstructure. Plans are currently for a complete reconstruction of the bridge and abutments.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

FY19 - Design

FY20 - R/W & Permits

FY22 - Construction

PROJECT STATUS:

Not currently funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		175,000				175,000
Land Acquisition			0			10,000			10,000
Construction			0					500,000	500,000
Inspection Fees			0					50,000	50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	175,000	10,000	0	550,000	735,000

FUNDING SCHEDULE

R7000 Future Bonds			0		175,000	10,000		550,000	735,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	175,000	10,000	0	550,000	735,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Fawn Grove Road Bridge #132**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Pylesville****H144502****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to replace the bridge that carries Fawn Grove Road over a tributary of Deer Creek. The existing bridge is a single lane bridge on a rural collector roadway. It is narrow and very poorly aligned with the road, with a severe horizontal curve on the north side of the bridge. The bridge is also poorly aligned with the stream, requiring prior scour repairs to keep the bridge in service. The proposed bridge will widen the existing bridge and better align it with the approach roadways and stream.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

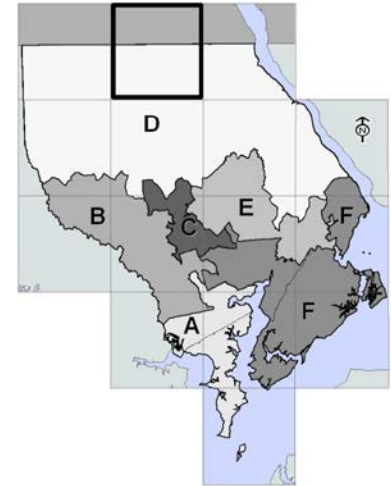
FY18 - Design

FY 19 - R/W & Permits

FY20 - Construction

PROJECT STATUS:

Not currently funded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	10,000		10,000	225,000					235,000
Land Acquisition					50,000				50,000
Construction						750,000			750,000
Inspection Fees						50,000			50,000
Equipment/Furnishing									0
Total Cost	10,000	0	10,000	225,000	50,000	800,000	0	0	1,085,000

FUNDING SCHEDULE

R8750 Paygo	10,000		10,000						10,000
R7000 Future Bonds			0	225,000	50,000	800,000			1,075,000
			0						0
			0						0
			0						0
			0						0
Total Funds	10,000	0	10,000	225,000	50,000	800,000	0	0	1,085,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	5,467
Encumbered	
Total	\$5,467

PROJECT: Glen Cove Road Bridge #156**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Dublin****H094501****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Glen Cove Road over Peddler Run. The existing bridge is a single lane, steel beam, concrete deck structure that is posted for 23 tons. The existing concrete deck, exterior beams, and wingwalls are severely deteriorated. Recent and past storms have overtopped this bridge on a regular basis. It is more cost effective to replace this bridge then it would be to rehabilitate it.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY11 - R/W & Permits

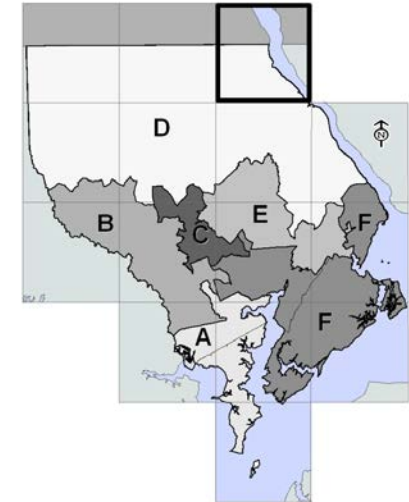
FY13 - R/W

FY14 - R/W, Utility Relocation & Construction

FY18 - Construction

PROJECT STATUS:

Design is nearly complete and r/w acquisition has started.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0	20,000					20,000
Construction			0	730,000					730,000
Inspection Fees			0	50,000					50,000
Equipment/Furnishing			0						0
Total Cost	150,000	0	150,000	800,000	0	0	0	0	950,000

FUNDING SCHEDULE

R8750 Paygo	150,000		150,000						950,000
R7000 Future Bonds			0	800,000					800,000
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	0	150,000	800,000	0	0	0	0	950,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

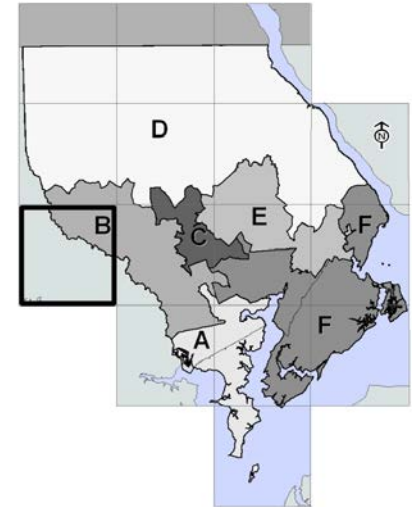
Financial Activity as of 1/5/16:

Expended	149,999
Encumbered	0
Total	\$149,999

PROJECT: Moores Road Bridge #78**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Upper Crossroads****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Moores Road over a tributary to Gunpowder Falls. The existing bridge is situated in a sharp curve and is very narrow. The wingwalls, deck and beams are also deteriorating. Current proposals call for replacing the entire structure and realigning the approach roadways for improved safety.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

FY19 - Design
 FY20- R/W & Permits
 FY22 - Construction

PROJECT STATUS:

Not currently funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		200,000				200,000
Land Acquisition			0			25,000			25,000
Construction			0					650,000	650,000
Inspection Fees			0					50,000	50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	200,000	25,000	0	700,000	925,000

FUNDING SCHEDULE

R7000 Future Bonds			0		200,000	25,000		700,000	925,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	200,000	25,000	0	700,000	925,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended
 Encumbered
 Total \$0

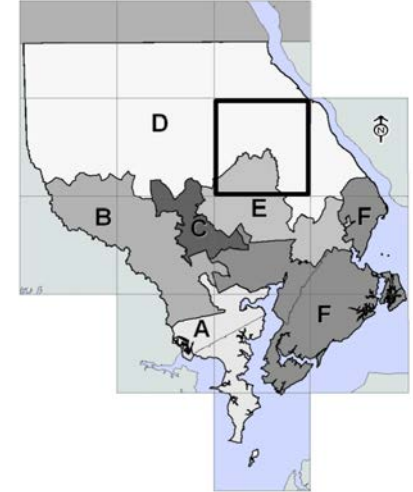
PROJECT: Scarboro Road Bridge #140**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Scarboro****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Scarboro Road over a tributary to Deer Creek. The existing bridge is undersized and has significant deterioration in the deck and beams. The proposed bridge will completely replace the existing structure. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY 18 - Design

FY 20 - Right of Ways and Permits

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	150,000					150,000
Land Acquisition			0			10,000			10,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	150,000	0	10,000	0	0	160,000

FUNDING SCHEDULE

R7000 Future Bonds			0	150,000		10,000			160,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	150,000	0	10,000	0	0	160,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: Snake Lane Bridge #31**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: E****LOCATION: Churchville****H074502****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to replace Snake Lane Bridge #31 over James Run. The bridge abutments and wingwalls are in poor condition and the bridge deck is deteriorated along the exterior beams. The bridge is posted for 13 tons. The bridge width is only 18'4" and is poorly aligned with the stream, resulting in a severe scour under the bridge. The bridge is not eligible for Federal funds. Maintenance work performed by the County's Bureau of Highways has held up well and allowed a delay in the construction of this project.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY09 &14 - Design and Engineering

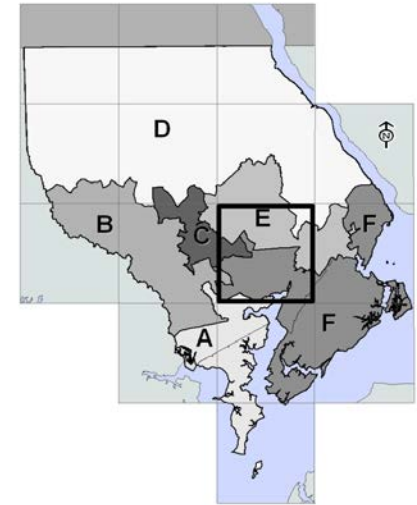
FY10 - R/W

FY19 - Construction

PROJECT STATUS:

Design complete. R/W acquired.

Construction on hold.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	175,000		175,000						175,000
Land Acquisition	20,000		20,000						20,000
Construction			0		550,000				550,000
Inspection Fees			0		50,000				50,000
Equipment/Furnishing			0						0
Total Cost	195,000	0	195,000	0	600,000	0	0	0	795,000

FUNDING SCHEDULE

R8750 Paygo	195,000		195,000						195,000
R7000 Future Bonds			0		600,000				600,000
			0						0
			0						0
			0						0
			0						0
Total Funds	195,000	0	195,000	0	600,000	0	0	0	795,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	169,740
Encumbered	0
Total	\$169,740

PROJECT: Structural Evaluation**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H974515****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides readily available consultant services to design repairs for bridges and miscellaneous structures. The consultant will prepare plans for construction by contractors or in-house forces. The cost of individual projects will be negotiated based on set contract costs and personnel.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	420,000		420,000	50,000	50,000	50,000	50,000	50,000	670,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	420,000	0	420,000	50,000	50,000	50,000	50,000	50,000	670,000

FUNDING SCHEDULE

R8750 Paygo	420,000		420,000	50,000	50,000	50,000	50,000	50,000	670,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	420,000	0	420,000	50,000	50,000	50,000	50,000	50,000	670,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	310,669
Encumbered	11,684
Total	\$322,353

OPEN/ACTIVE PROJECTS

PROJECT: Bridge Rehabilitation**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H054502****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will supply funds to perform maintenance and repairs on the County's 200+ bridges. The maintenance/repairs performed under this program are mainly smaller scale repairs, designed mostly by the County's Engineering staff and constructed by either the County's in-house bridge crew or by a contractor. If, in the design process, the project becomes fairly extensive, the bridge will be broken out into a separate capital project for a future budget.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	570,000		570,000						570,000
Land Acquisition			0						0
Construction	2,075,000		2,075,000						2,075,000
Inspection Fees	205,000		205,000						205,000
Equipment/Furnishing			0						0
Total Cost	2,850,000	0	2,850,000	0	0	0	0	0	2,850,000

FUNDING SCHEDULE

R8750 Paygo	2,650,000		2,650,000						2,650,000
R8089 Reappropriated Paygo	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,850,000	0	2,850,000	0	0	0	0	0	2,850,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,819,269
Encumbered	29,643
Total	\$2,848,912

PROJECT: Hess Road Bridge #82**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Monkton****H124501****PROJECT DESCRIPTION / JUSTIFICATION:**

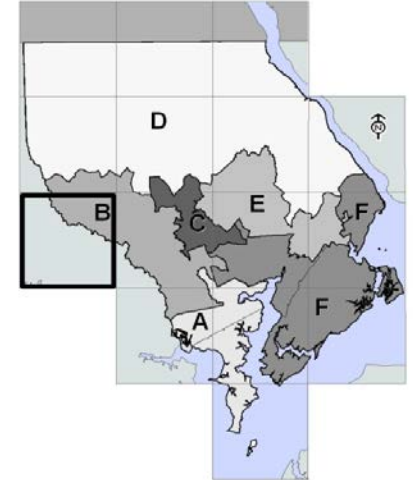
This project is to replace the bridge that carries Hess Road over Yellow Branch. The existing bridge has a deteriorated deck and superstructure. This project will completely replace the existing superstructure and reconstruct the existing abutments. Since the bridge is on the Baltimore County / Harford County line, there will be a 50/50 cost sharing of the project.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY12/13 - Design

FY14/15 - Construction

**PROJECT STATUS:**

Design approximately 95% complete

Construction complete: Fall, 2015

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	580,000		580,000						580,000
Land Acquisition			0						0
Construction	670,000		670,000						670,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost	1,300,000	0	1,300,000	0	0	0	0	0	1,300,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
R6320 Contributions & Donations	480,000		480,000						480,000
R3140 Federal TEA-21	340,000		340,000						340,000
R7100 Prior Bonds	150,000		150,000						150,000
R8089 Reappropriated Paygo	30,000		30,000						30,000
			0						0
Total Funds	1,300,000	0	1,300,000	0	0	0	0	0	1,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$13,132

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	771,832
Encumbered	42,350
Total	\$814,182

PROJECT: Jericho Road Bridge**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Kingsville****H104503****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to improve & maintain the wooden, covered bridge that carries Jehricho Road over the Little Gunpowder Falls. This project is being run by the Baltimore County DPW, but Harford County is required to pay 1/2 of the funding due to the bridge's location on the Baltimore County / Harford County line.

PROJECT SCHEDULE:

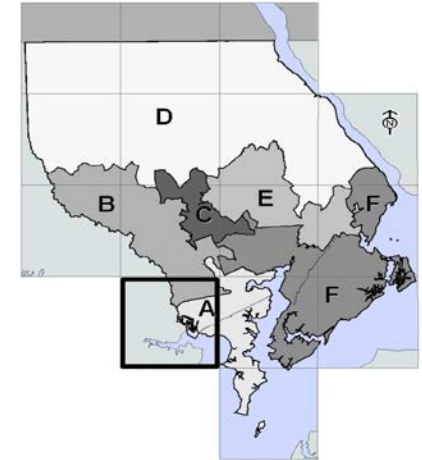
FY12 - Design

FY14 - Construction

FY16 - Construction

PROJECT STATUS:

Under construction: Fall, 2015

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	1,330,000		1,330,000						1,330,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,530,000	0	1,530,000	0	0	0	0	0	1,530,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000						50,000
R3140 Federal MAP	1,300,000		1,300,000						1,300,000
R7100 Prior Bonds	30,000		30,000						30,000
R8089 Reappropriated Paygo	150,000		150,000						150,000
			0						0
			0						0
Total Funds	1,530,000	0	1,530,000	0	0	0	0	0	1,530,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,977

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	52,030
Encumbered	147,968
Total	\$199,998

PROJECT: Robinson Mill Road Bridge #154**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Dublin****H094502****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the entire bridge that carries Robinson Mill Road over Broad Creek. The beams and deck are severely deteriorated and need to be replaced. The two lane approach road on both ends of the single lane bridge are in horizontal curves that restrict sight distance across the bridge. This project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY09 - Design

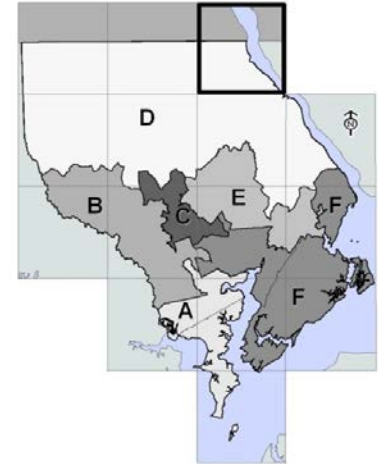
FY11 - R/W & Permits

FY14/16 - Construction

PROJECT STATUS:

Design 100% complete. R/W Acquisitions ongoing.

Advertise for Construction: Spring / Summer, 2016

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	125,000		125,000						125,000
Land Acquisition	125,000		125,000						125,000
Construction	1,135,000		1,135,000						1,135,000
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	1,385,000	0	1,385,000	0	0	0	0	0	1,385,000

FUNDING SCHEDULE

R8750 Paygo	415,000		415,000						415,000
R3140 Federal Aid	865,000		865,000						865,000
R7100 Prior Bonds	75,000		75,000						75,000
R8089 Reappropriated Paygo	30,000		30,000						30,000
			0						0
			0						0
Total Funds	1,385,000	0	1,385,000	0	0	0	0	0	1,385,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$6,825

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Watervale Road Bridge #63**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Fallston****H044506****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Watervale Road over Winters Run. The existing single lane configuration and 3 ton rating are inadequate for the current traffic volumes and classifications. Also, the bridge is quickly deteriorating and requires substantial repairs to both the super and sub-structures

This project is eligible for Federal Funds.

PROJECT SCHEDULE:

FY11/12: Design - R/W

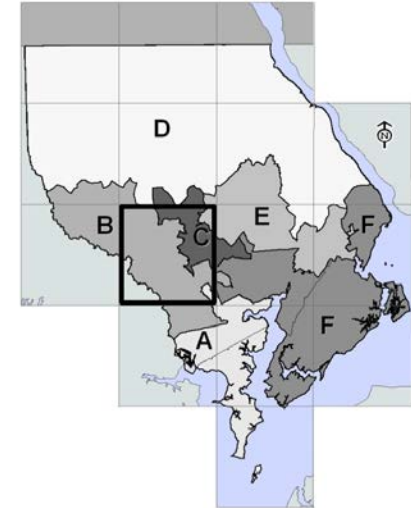
FY13/14 - Construction

FY16 - Construction & Inspections

PROJECT STATUS:

Design complete; R/W Acquired

Under construction: Fall, 2015

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	452,000		452,000						452,000
Land Acquisition	100,000		100,000						100,000
Construction	3,308,000		3,308,000						3,308,000
Inspection Fees	295,000		295,000						295,000
Equipment/Furnishing			0						0
Total Cost	4,155,000	0	4,155,000	0	0	0	0	0	4,155,000

FUNDING SCHEDULE

R8750 Paygo	1,183,055		1,183,055						1,183,055
R3140 Federal MAP	2,773,000		2,773,000						2,773,000
R8770 Reappropriated	48,945		48,945						48,945
R7100 Prior Bonds	150,000		150,000						150,000
			0						0
			0						0
Total Funds	4,155,000	0	4,155,000	0	0	0	0	0	4,155,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$13,321

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,734,770
Encumbered	1,324,891
Total	\$4,059,661



Bridge Construction

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
ROADWAYS								
<u>FY 17 Funded Projects:</u>								
Bel Air Transportation Study	295,716	300,000	(4,284)	0	0	0	0	0
Drainage Improvements	2,300,000	1,225,000	200,000	175,000	175,000	175,000	175,000	175,000
Guardrails	1,150,000	425,000	100,000	125,000	125,000	125,000	125,000	125,000
Intersection Improvements	3,931,728	2,227,444	204,284	300,000	300,000	300,000	300,000	300,000
Moore's Mill Road	9,713,088	7,212,113	2,500,975	0	0	0	0	0
New Roads and Stormdrains	3,475,000	1,475,000	1,000,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Replacement	2,816,231	1,391,231	75,000	250,000	250,000	250,000	300,000	300,000
Tollgate Road (West Ring Factory Rd. to Plumtree Rd.)	5,473,439	3,143,439	2,330,000	0	0	0	0	0
Wheel Road (Laurel Bush to Fairway)	6,403,915	6,626,226	(222,311)	0	0	0	0	0
<u>Outyear Projects:</u>								
Bata Blvd. Access Road	600,000	0	0	150,000	0	0	450,000	0
MD152/Oakmont Road/Port Lane	950,732	400,732	0	0	0	0	550,000	0
Schucks Road Improvements	1,712,192	437,192	0	1,275,000	0	0	0	0
Traffic Calming, Bicycle & Road Safety Improvements	1,200,000	450,000	0	150,000	150,000	150,000	150,000	150,000
Traffic Signals 15	359,601	109,601	0	50,000	50,000	50,000	50,000	50,000
Trimble Road (Joppa Road to Garnett Drive)	650,000	0	0	0	100,000	50,000	0	500,000
<u>Open Projects:</u>								
Cape Knoll Road Acceptance	150,000	150,000	0	0	0	0	0	0
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Schucks Road Culvert Replacement	80,000	80,000	0	0	0	0	0	0
Village of Scot's Fancy Starmount Lane	750,000	750,000	0	0	0	0	0	0
Roadways Total by Project	42,361,642	26,752,978	6,183,664	2,675,000	1,350,000	1,300,000	2,300,000	1,800,000
Paygo	19,074,206	11,449,206	575,000	1,150,000	1,250,000	1,200,000	1,750,000	1,700,000
Future Bonds	5,880,000	0	4,005,000	1,425,000	0	0	450,000	0
Prior Bonds	4,396	732	3,664	0	0	0	0	0
Reappropriated	1,874,601	1,874,601	0	0	0	0	0	0
State	7,463,439	6,863,439	600,000	0	0	0	0	0
Federal	240,000	240,000	0	0	0	0	0	0
Developer	2,993,292	1,493,292	1,000,000	100,000	100,000	100,000	100,000	100,000
Other	4,831,708	4,831,708	0	0	0	0	0	0
Roadways Total by Fund	42,361,642	26,752,978	6,183,664	2,675,000	1,350,000	1,300,000	2,300,000	1,800,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
ROADWAYS													
Bel Air Transportation Study	(4,284)	(4,284)	0	0	0	0	0	0	0	0	0	0	0
Drainage Improvements	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
Guardrails	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Intersection Improvements	204,284	4,284	200,000	0	0	0	0	0	0	0	0	0	0
Moore's Mill Road	2,500,975	0	0	225,975	1,675,000	0	0	0	600,000	0	0	0	0
New Roads and Stormdrains	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	0
Stormdrain Replacement	75,000	0	75,000	0	0	0	0	0	0	0	0	0	0
Tollgate Road (West Ring Factory Road to Plumtree Road)	2,330,000	0	0	0	2,330,000	0	0	0	0	0	0	0	0
Wheel Road (Laurel Bush to Fairway)	(222,311)	0	0	(222,311)	0	0	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	6,183,664	0	575,000	3,664	4,005,000	0	0	0	600,000	0	0	1,000,000	0

PROJECT: Bel Air Area Transportation Study**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Bel Air****H154503****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to perform a traffic and safety analysis on MD Route 22, Business US 1 and MD24 between MD543 and Tollgate Road to the east/west and MacPhail Road to US 1 Bypass to the north/south. The study will include an existing conditions analysis, a no-build analysis, and a future conditions analysis based on several scenarios designated to address improved vehicular mobility and safety, improved transit, bicycle and pedestrian facilities along the corridors including the ability and benefits of providing dedicated bicycle lanes and sidewalks. The study will assess Complete Streets and include a roadway safety audit and an origin / destination report. The study will include an analysis of alternate accesses to existing communities.

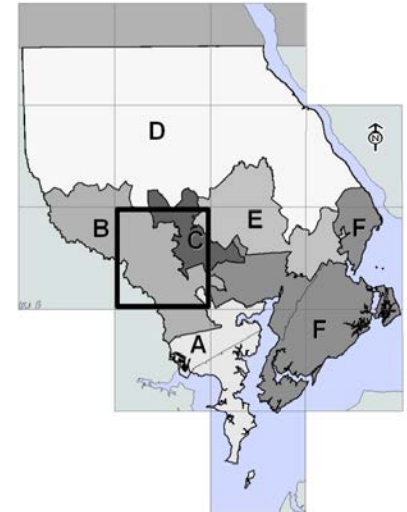
This is a jointly funded project between the Baltimore Metropolitan Council, the Town of Bel Air, and Harford County.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:**PROJECT STATUS:**

Complete

Prior Paygo funding in the amount of \$4,284 has been reappropriated to the Intersection Improvements capital project.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	300,000	(4,284)	295,716						295,716
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	(4,284)	295,716	0	0	0	0	0	295,716

FUNDING SCHEDULE

R8750 Paygo	20,000		20,000						20,000
R3820 Contributions from Towns	40,000		40,000						40,000
R3199 Federal Other	240,000		240,000						240,000
R8750 Prior Paygo		(4,284)	(4,284)						(4,284)
									0
									0
Total Funds	300,000	(4,284)	295,716	0	0	0	0	0	295,716

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	224,514
Encumbered	0
Total	\$224,514

PROJECT: Drainage Improvements

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H064506

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the design and construction of various solutions to address drainage problems throughout the County. Additionally, funds are included to address sump pump discharges onto County roads. These discharges create icing problems in the winter and are a continuing maintenance concern.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

This is an ongoing program.

PROJECT STATUS:

Various projects are continuously being designed & constructed under this account.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	70,000	5,000	75,000	20,000	20,000	20,000	20,000	20,000	175,000
Land Acquisition	22,250		22,250						22,250
Construction	1,045,000	195,000	1,240,000	140,000	140,000	140,000	140,000	140,000	1,940,000
Inspection Fees	87,750		87,750	15,000	15,000	15,000	15,000	15,000	162,750
Equipment/Furnishing			0						0
Total Cost	1,225,000	200,000	1,425,000	175,000	175,000	175,000	175,000	175,000	2,300,000

FUNDING SCHEDULE

R8750 Paygo	1,225,000	200,000	1,425,000	175,000	175,000	175,000	175,000	175,000	2,300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,225,000	200,000	1,425,000	175,000	175,000	175,000	175,000	175,000	2,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,091,142
Encumbered	16,613
Total	<u>\$1,107,755</u>

PROJECT: Guardrails**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H134508****PROJECT DESCRIPTION / JUSTIFICATION:**

Safety improvements to existing County roads where steep embankments or steep ditches exist and where traffic barriers are required.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	35,000	10,000	45,000	10,000	10,000	10,000	10,000	10,000	95,000
Land Acquisition			0						0
Construction	370,000	85,000	455,000	110,000	110,000	110,000	110,000	110,000	1,005,000
Inspection Fees	20,000	5,000	25,000	5,000	5,000	5,000	5,000	5,000	50,000
Equipment/Furnishing			0						0
Total Cost	425,000	100,000	525,000	125,000	125,000	125,000	125,000	125,000	1,150,000

FUNDING SCHEDULE

R8750 Paygo	425,000	100,000	525,000	125,000	125,000	125,000	125,000	125,000	1,150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	425,000	100,000	525,000	125,000	125,000	125,000	125,000	125,000	1,150,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	389,407
Encumbered	0
Total	<u>389,407</u>

PROJECT: Intersection Improvements**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H054507****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to improve the traffic capacity and safety at selected intersections throughout the County. Reduced levels of service on most roads is a direct result of limited capacity at the intersections. Therefore, widening or redesign of the intersection under this project can result in increased capacity and safety with decreased delay. Additionally, intersections with reduced sight distance may be corrected under this project.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

FY16 - Plumtree & Tollgate Roundabout

FY17 - Possible Roundabouts: Bel Air So. Pkwy & Tollgate Rd., Water Tower Way and Granary; Water Tower Way and Bynum.

PROJECT STATUS:

Ongoing Program

Prior Paygo funding in the amount of \$9,386 has been reappropriated from the Bel Air Transportation Study capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	200,000	30,000	230,000	15,000	15,000	15,000	15,000	15,000	305,000
Land Acquisition	70,000		70,000						70,000
Construction	1,787,444	144,284	1,931,728	255,000	255,000	255,000	255,000	255,000	3,206,728
Inspection Fees	170,000	30,000	200,000	30,000	30,000	30,000	30,000	30,000	350,000
Equipment/Furnishing			0						0
Total Cost	2,227,444	204,284	2,431,728	300,000	300,000	300,000	300,000	300,000	3,931,728

FUNDING SCHEDULE

R8750 Paygo	1,777,444	200,000	1,977,444	300,000	300,000	300,000	300,000	300,000	3,477,444
R8089 Reappropriated Paygo	200,000		200,000						200,000
R6330 Developer	250,000		250,000						250,000
R8750 Prior Paygo		4,284	4,284						4,284
			0						0
			0						0
Total Funds	2,227,444	204,284	2,431,728	300,000	300,000	300,000	300,000	300,000	3,931,728

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,642,921
Encumbered	4,900
Total	\$1,647,821

PROJECT: Moores Mill Road**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Bel Air****H984519****PROJECT DESCRIPTION / JUSTIFICATION:**

This project consists of improving Moores Mill Road between MD 924 and Southampton Middle School to address the safety and traffic volume increases due to the continuous development in and around the Bel Air area. Approximately 10,000 LF of closed section road is proposed to be built. Moores Mill Road functions as a collector road between two State roads. Phase 1 of the project to reconstruct a culvert to the west of the US 1 (Bus.) intersection is complete. It is anticipated that the Town of Bel Air will provide a portion of the funding. Phase 2 is from US 1 (Bus.) east to Southampton Road. Phase 3 is from US 1 (Bus.) west to MD 924 and needs to start construction prior to January 2017 or the project will need to be completely redesigned to meet the new SWM regulations (currently grandfathered).

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY 14 - Construction Phase 2, utility relocations Phase 2 (Reappropriated Bond Money from the North Avenue Bridge project)

FY15 - Construction Phase 2 (Reappropriate \$400,000 from Moores Mill Road to Resurfacing

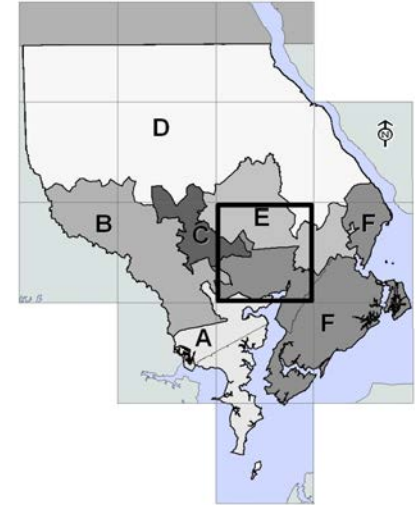
FY17 - Construction Phase 3

PROJECT STATUS:

Phase 2 - Construction Complete

\$222,311 from Prior Bonds from Wheel Road; \$3,664 from Recovery PB's

Phase 3 - Design complete, R/W 95% complete

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	221,000		221,000						221,000
Land Acquisition	550,000		550,000						550,000
Construction	6,141,113	2,350,975	8,492,088						8,492,088
Inspection Fees	300,000	150,000	450,000						450,000
Equipment/Furnishing			0						0
Total Cost	7,212,113	2,500,975	9,713,088	0	0	0	0	0	9,713,088

FUNDING SCHEDULE

R8750 Paygo	2,012,113		2,012,113						2,012,113
R3350 State Highways & Streets		600,000	600,000						600,000
R6999 Other	856,708		856,708						856,708
R6340 Corporate/Business	43,292		43,292						43,292
R7100 Prior Bonds	4,300,000	225,975	4,525,975						4,525,975
R7000 Future Bonds		1,675,000	1,675,000						1,675,000
Total Funds	7,212,113	2,500,975	9,713,088	0	0	0	0	0	9,713,088

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$363,374

Annual Operating/Maintenance Cost: N/A

Financial Activity as of 3/1/16:

Expended 5,428,240

Encumbered 21,457

PROJECT: New Roads and Stormdrains**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H134510****PROJECT DESCRIPTION / JUSTIFICATION:**

As new projects are presented for approval by Public Works officials, those developers and the property owners will be required to provide funding for the engineering and construction costs to improve existing roadways, streets, storm drainage systems, and stormwater management facilities for those areas affected by the impact of new projects. On occasion, improvements to be made by developers may be augmented by improvements to be made by the County. County funded improvements would be in adjacent areas beyond the developer's responsibility, thus provided a more comprehensive improvement to the roadway.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

FY16 - Funds to be used on Tollgate/Plumtree Roundabout

PROJECT STATUS:

Various projects are continuously being designed & constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
	Appropriation			FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	35,000	10,000	45,000	5,000	5,000	5,000	5,000	5,000	70,000
Land Acquisition	100,000		100,000						100,000
Construction	1,300,000	975,000	2,275,000	175,000	175,000	175,000	175,000	175,000	3,150,000
Inspection Fees	40,000	15,000	55,000	20,000	20,000	20,000	20,000	20,000	155,000
Equipment/Furnishing			0						0
Total Cost	1,475,000	1,000,000	2,475,000	200,000	200,000	200,000	200,000	200,000	3,475,000

FUNDING SCHEDULE

R8750 Paygo	275,000		275,000	100,000	100,000	100,000	100,000	100,000	775,000
R6330 Developer	1,200,000	1,000,000	2,200,000	100,000	100,000	100,000	100,000	100,000	2,700,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,475,000	1,000,000	2,475,000	200,000	200,000	200,000	200,000	200,000	3,475,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	185,736
Encumbered	38,912
Total	\$224,648

PROJECT: Stormdrain Replacement**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H064513****PROJECT DESCRIPTION / JUSTIFICATION:**

Funds are to be utilized for replacement/rehabilitation/repair of existing stormdrain systems throughout the County. Additional funds are to be utilized for an inspection of the stormdrains. Due to the cost associated with inspecting all of the stormdrains in the County, the stormdrains most susceptible to deterioration will be inspected in the first phase of this analysis (i.e., corrugated metal pipes, greater than 48" in diameter and with a continuous base flow of water).

PROJECT SCHEDULE:

This program is ongoing.

PROJECT STATUS:

Various projects are continuously being design and constructed under this account.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	260,000	15,000	275,000	30,000	30,000	30,000	35,000	35,000	435,000
Land Acquisition			0						0
Construction	1,026,231	50,000	1,076,231	180,000	180,000	180,000	225,000	225,000	2,066,231
Inspection Fees	105,000	10,000	115,000	40,000	40,000	40,000	40,000	40,000	315,000
Equipment/Furnishing			0						0
Total Cost	1,391,231	75,000	1,466,231	250,000	250,000	250,000	300,000	300,000	2,816,231

FUNDING SCHEDULE

R8750 Paygo	970,000	75,000	1,045,000	250,000	250,000	250,000	300,000	300,000	2,395,000
R8089 Reappropriated Paygo	421,231		421,231						421,231
			0						0
			0						0
			0						0
			0						0
Total Funds	1,391,231	75,000	1,466,231	250,000	250,000	250,000	300,000	300,000	2,816,231

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,209,646
Encumbered	125,512
Total	\$1,335,158

PROJECT: Tollgate Road (West Ring Factory Road to Plumtree Road)**HIGHWAYS - ROADS****COUNCIL DISTRICT: C****LOCATION: Bel Air****H034501****PROJECT DESCRIPTION / JUSTIFICATION:**

This section of Tollgate Road has been identified as, what will be, the only section not up to current County standards from Abingdon to Bel Air. Upon completion of the "missing" road segment to the south of Plumtree Road, Tollgate Road may become a higher volume commuter road to avoid delays along MD 24. In order to accommodate the large volumes of traffic, this section of roadway will need to be upgraded. The proposed improvements will also decrease the frequency and extent of the flooding at Plumtree Run and is proposed to include sufficient shoulder area to accommodate bicycle traffic. Project to be constructed in two phases. See Project Schedule for Phase 1 & 2 limits.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

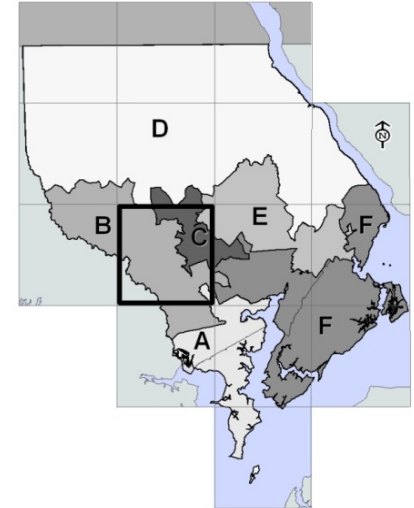
PROJECT SCHEDULE:

FY14 - R/W, Utility Relocation & Construction

FY17 - Construction

PROJECT STATUS:

Design complete. R/W Acquired.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	190,000		190,000						190,000
Land Acquisition	275,000		275,000						275,000
Construction	2,488,439	2,180,000	4,668,439						4,668,439
Inspection Fees	190,000	150,000	340,000						340,000
Equipment/Furnishing			0						0
Total Cost	3,143,439	2,330,000	5,473,439	0	0	0	0	0	5,473,439

FUNDING SCHEDULE

R8750 Paygo	2,080,000		2,080,000						2,080,000
R7000 Future Bonds		2,330,000	2,330,000						2,330,000
R3350 State Highways & Streets	1,063,439		1,063,439						1,063,439
			0						0
			0						0
			0						0
Total Funds	3,143,439	2,330,000	5,473,439	0	0	0	0	0	5,473,439

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,467,851
Encumbered	0
Total	\$1,467,851

PROJECT: Wheel Road (Laurel Bush to Fairway)**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Emmorton****H994505****PROJECT DESCRIPTION / JUSTIFICATION:**

Wheel Road, between Laurel Bush Road and Fairway Drive, is to be improved to adequately handle existing and projected traffic volumes. This project, approximately 9,000' long, will improve the capacity and safety of this vital collector road linking traffic between subdivisions along the MD 543 corridor to the east and businesses along the MD 24 corridor in the west. A roundabout will be constructed at Laurel Bush Road as part of a companion project funded in FY10.

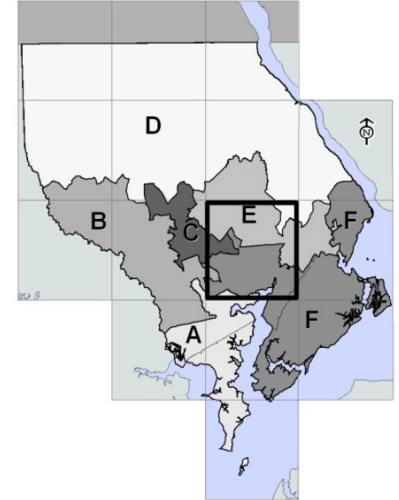
The project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY11 - Construction

FY15 - Reappropriate \$600,000 from Wheel Road to Road Resurfacing

FY16 - Project completed and will be closed - Reappropriated remaining funds to Resurfacing Account.

**PROJECT STATUS:**

Project Complete

Prior Bond funding in the amount of \$222,311 was reappropriated to the Moores Mill Road capital project.**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	320,000		320,000						320,000
Land Acquisition	700,000		700,000						700,000
Construction	5,226,226	(222,311)	5,003,915						5,003,915
Inspection Fees	380,000		380,000						380,000
Equipment/Furnishing			0						0
Total Cost	6,626,226	(222,311)	6,403,915	0	0	0	0	0	6,403,915

FUNDING SCHEDULE

R8750 Paygo	876,226		876,226						876,226
R3350 (State Aid)	1,500,000		1,500,000						1,500,000
R7100 Prior Bonds	2,685,000	(222,311)	2,462,689						2,462,689
R8089 Reappropriated Paygo	1,565,000		1,565,000						1,565,000
Total Funds	6,626,226	(222,311)	6,403,915	0	0	0	0	0	6,403,915

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$230,529

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	6,403,915
Encumbered	0
Total	\$6,403,915

OUTYEAR PROJECTS

FY 18 - FY 22

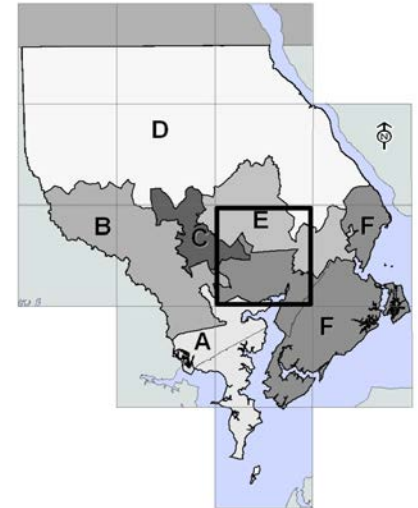
PROJECT: Bata Blvd. Access Road**HIGHWAYS - ROADS****COUNCIL DISTRICT: F****LOCATION: Belcamp****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will construct an access road from MD 543 directly to Bata Blvd. The project has been planned since the redevelopment of the Bata land site. Right of way to construct the road has been reserved and the alignment is rough graded. This project will relieve existing and anticipated delays at the existing US 40/MD543 intersection by eliminating the left turns from MD 543 to westbound US 40. Increases in traffic from both Perryman and BRAC will necessitate the capacity improvements.

The project will be multi-modal in that bicycle lanes and pedestrian access will be considered where possible and appropriate.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

BRAC - The anticipated increase in traffic volumes from BRAC will create additional delays at the MD 543 / US 40 interchange. This project will divert some traffic to another location thereby reducing delays and adding capacity to the intersection.

**PROJECT SCHEDULE:**

FY18 - Design

FY21 - Construction

PROJECT STATUS:

Not currently funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	150,000					150,000
Land Acquisition			0				10,000		10,000
Construction			0				400,000		400,000
Inspection Fees			0				40,000		40,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	150,000	0	0	450,000	0	600,000

FUNDING SCHEDULE

R7000 Future Bonds			0	150,000			450,000		600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	150,000	0	0	450,000	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

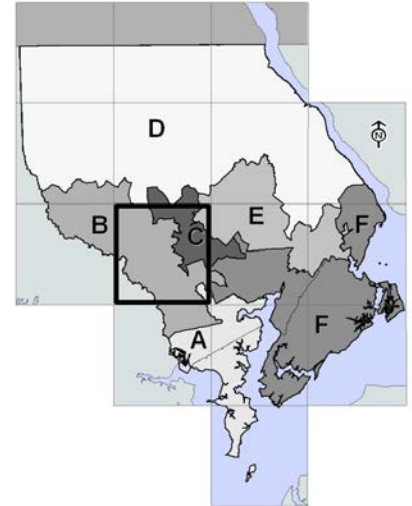
Expended

Encumbered

Total \$0

PROJECT: MD152/Oakmont Road/Port Lane**HIGHWAYS - ROADS****COUNCIL DISTRICT: B****LOCATION: Fallston****H104504****PROJECT DESCRIPTION / JUSTIFICATION:**

Traffic improvements will be made to the road network in the vicinity of the Fallston Recreation Complex. Phase I work included a new access from the Fallston Rec. Parking Lot to Oakmont Road and MD 152. Proposed in Phase 2 is a new access into the Brandywine Subdivision with a traffic signal at the intersection of Oakmont Road & MD152. The traffic signal is complete, access into the Brandywine Subdivision awaiting final design, R/W, and construction.

**PROJECT SCHEDULE:**

FY11 - Design & R/W

FY21 - Construction

PROJECT STATUS:

Currently not funded. Design complete. Unable to acquire r/w.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	75,000		75,000						75,000
Land Acquisition	200,000		200,000						200,000
Construction	125,732		125,732				500,000		625,732
Inspection Fees			0				50,000		50,000
Equipment/Furnishing			0						0
Total Cost	400,732	0	400,732	0	0	0	550,000	0	950,732

FUNDING SCHEDULE

R8750 Paygo	400,000		400,000				550,000		950,000
R7100 Prior Bonds	732		732						732
			0						0
			0						0
			0						0
			0						0
Total Funds	400,732	0	400,732	0	0	0	550,000	0	950,732

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$62

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/516:

Expended	117,666
Encumbered	87
Total	\$117,753

PROJECT: Schucks Road Improvements**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Bel Air****H064503****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the existing culvert on Schucks Road at Edwards Lane. The existing culvert is deteriorating and undersized. The road in the immediate vicinity of the culvert is poorly aligned with inadequate drainage. Design funds were taken from the Culvert Rehab account and, due to the size of this project, the construction phase has been placed in its own capital account. Existing funds in the Schucks Road Improvement Account (H064503 - \$200,000) and the Road Resurfacing Account (H114506 - \$50,000) will be utilized for the road reconstruction portion of this project.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

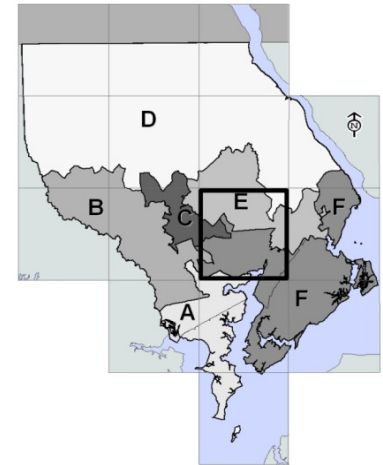
PROJECT SCHEDULE:

FY10/12 - Design

FY14/15 - Construction

FY16 - Unable to acquire all necessary R/W. In the interim, reappropriated all available funds to the Resurfacing Account.

FY18 - Construction

**PROJECT STATUS:**

Design complete - 7 of 8 rights-of-way have been acquired.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition	15,000		15,000						15,000
Construction	377,192		377,192	1,200,000					1,577,192
Inspection Fees	45,000		45,000	75,000					120,000
Equipment/Furnishing			0						0
Total Cost	437,192	0	437,192	1,275,000	0	0	0	0	1,712,192

FUNDING SCHEDULE

R8750 Paygo	437,192		437,192						437,192
R7000 Future Bonds			0	1,275,000					1,275,000
			0						0
			0						0
			0						0
			0						0
Total Funds	437,192	0	437,192	1,275,000	0	0	0	0	1,712,192

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	137,192
Encumbered	0
Total	\$137,192

PROJECT: Traffic Calming, Bicycle & Road Safety Improvements**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H104513****PROJECT DESCRIPTION / JUSTIFICATION:**

To reduce vehicular speeds in communities, this project will construct various "traffic calming" devices aimed at speed reduction, community beautification, and increased safety. The project will be directed at communities with fairly high traffic volumes, 85th percentile speeds greater than 10 MPH over the speed limit, small average lot sizes, and a high percentage of cut-through traffic.

With recent interest in Complete Streets and road safety in general for all users; funds are also being provided for bicycle and automobile related safety improvements.

PROJECT SCHEDULE:

Ongoing Program

**PROJECT STATUS:**

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	45,000		45,000	15,000	15,000	15,000	15,000	15,000	120,000
Land Acquisition			0						0
Construction	360,000		360,000	120,000	120,000	120,000	120,000	120,000	960,000
Inspection Fees	45,000		45,000	15,000	15,000	15,000	15,000	15,000	120,000
Equipment/Furnishing			0						0
Total Cost	450,000	0	450,000	150,000	150,000	150,000	150,000	150,000	1,200,000

FUNDING SCHEDULE

R8750 Paygo	450,000		450,000	150,000	150,000	150,000	150,000	150,000	1,200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	450,000	0	450,000	150,000	150,000	150,000	150,000	150,000	1,200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	353,089
Encumbered	0
Total	\$353,089

PROJECT: Traffic Signals 15**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H154505****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the construction, upgrading, and maintenance of necessary traffic signals, intersection control beacons, and flashing warning beacons on County roads. At State/County road intersections, the County is required to provide matching funds (1/3 to 1/2 dependent upon the intersection configuration) for its share of the project. One four-legged intersection costs approximately \$120,000 and intersection warning beacons (Flashers) cost approximately \$40,000.

PROJECT SCHEDULE:

Ongoing Program

**PROJECT STATUS:**

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	5,000		5,000	5,000	5,000	5,000	5,000	5,000	30,000
Land Acquisition			0						0
Construction	104,601		104,601	45,000	45,000	45,000	45,000	45,000	329,601
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	109,601	0	109,601	50,000	50,000	50,000	50,000	50,000	359,601

FUNDING SCHEDULE

R8750 Paygo	0		0	50,000	50,000	50,000	50,000	50,000	250,000
R8770 Reappropriated	109,601		109,601						109,601
			0						0
			0						0
			0						0
			0						0
Total Funds	109,601	0	109,601	50,000	50,000	50,000	50,000	50,000	359,601

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Trimble Road (Joppa Road to Garnett Road)**HIGHWAYS - ROADS****COUNCIL DISTRICT: A****LOCATION: Joppatowne****New****PROJECT DESCRIPTION / JUSTIFICATION:**

As the Joppatowne community continues to grow, Trimble Road is experiencing increasing traffic volumes. This project will investigate the need for safety and capacity improvements along the segment from Joppa Road to Garnett Road.

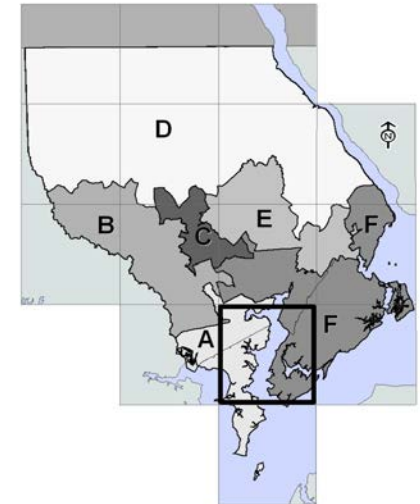
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY19 - Engineering
FY20 - R/W
FY22 - Construction

PROJECT STATUS:

Project is currently unfunded.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		100,000				100,000
Land Acquisition			0			50,000			50,000
Construction			0					500,000	500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	100,000	50,000	0	500,000	650,000

FUNDING SCHEDULE

R8750 Paygo			0		100,000	50,000		500,000	650,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	100,000	50,000	0	500,000	650,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

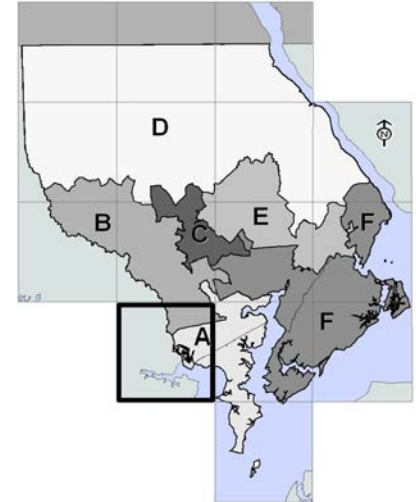
Financial Activity as of

Expended
Encumbered
Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Cape Knoll Road Acceptance**HIGHWAYS - ROADS****COUNCIL DISTRICT: A****LOCATION: Joppatowne****H004511****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to allow for Sweet Briar Court and Foster Knoll Drive in the Cape Knoll community to be taken into the County road system as a petition project paid for by the property owners.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	150,000		150,000						150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	150,000	0	150,000	0	0	0	0	0	150,000

FUNDING SCHEDULE

R1602 Special Assessment	150,000		150,000						150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	0	150,000	0	0	0	0	0	150,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

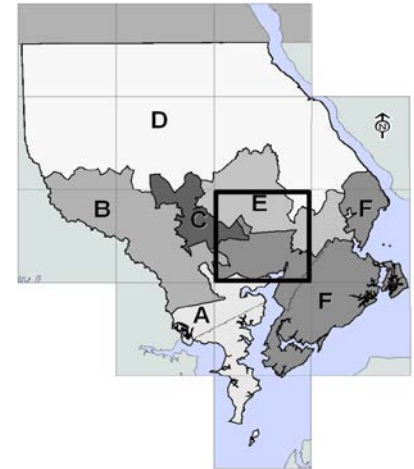
Expended	108,273
Encumbered	0
Total	\$108,273

PROJECT: Landis Circle - Foxborough Farms**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Bel Air****H154504****PROJECT DESCRIPTION / JUSTIFICATION:**

To convert Landis Circle from a private road to a County Road. Funds will be required for pavement, stormdrain, curb, etc. to meet County standards.

PROJECT SCHEDULE:

Construction in Fall of 2014

**PROJECT STATUS:**

Petition received from residents, public meeting held, received document with residents acknowledging that they are responsible for improvements.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	320,000		320,000						320,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost	350,000	0	350,000	0	0	0	0	0	350,000

FUNDING SCHEDULE

R6999 Other	350,000		350,000						350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	0	0	0	350,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	9,738
Encumbered	266,250
Total	\$275,988

PROJECT: Schucks Road Culvert Replacement**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Churchville****H124505****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the existing culvert on Schucks Road at Edwards Lane. The existing culvert is deteriorating and undersized. The road in the immediate vicinity of the culvert is poorly aligned with inadequate drainage. Design funds were taken from the Culvert Rehab account and, due to the size of this project, the construction phase has been placed in its own capital account. Existing funds in the Schucks Road Improvement Account (H064503 - \$200,000) and the Road Resurfacing Account (H114506 - \$50,000) will be utilized for the road reconstruction portion of this project.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

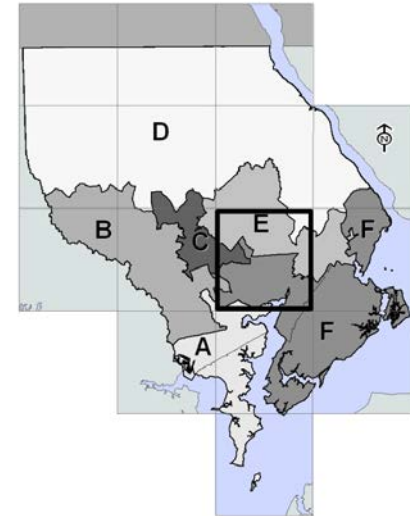
FY10 - Design

FY12 / 15 - Construction

FY16 - Unable to acquire all necessary R/W. In the interim, reappropriated \$750,000 to the Resurfacing Account.

PROJECT STATUS:

Design Complete - 7 of 8 Rights-of-Way have been acquired.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	0		0						0
Inspection Fees	80,000		80,000						80,000
Equipment/Furnishing			0						0
Total Cost	80,000	0	80,000	0	0	0	0	0	80,000

FUNDING SCHEDULE

R8750 Paygo	80,000		80,000						80,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	80,000	0	80,000	0	0	0	0	0	80,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

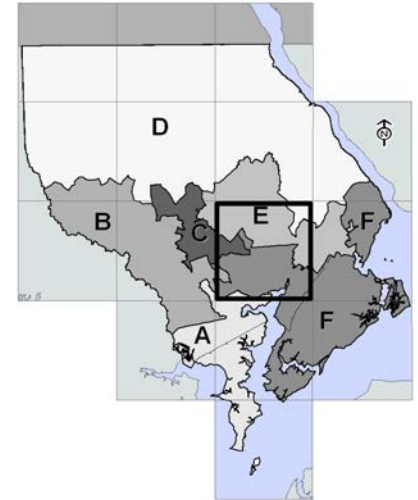
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	22,797
Encumbered	0
Total	\$22,797

PROJECT: Village of Scot's Fancy Starmount Lane**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Bel Air****H054515****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for the replacement of stormwater management facility outfall pipe and the repair and resurfacing of Starmount Lane from the end of the cul-de-sac to Whispering Ridge Lane. The repairs are necessary to bring this private roadway up to County standards.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project remains open to accept special assessments.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	145,128		145,128						145,128
Land Acquisition			0						0
Construction	604,872		604,872						604,872
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	750,000	0	750,000	0	0	0	0	0	750,000

FUNDING SCHEDULE

R1602 Special Assessment	750,000		750,000						750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	750,000	0	750,000	0	0	0	0	0	750,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	715,128
Encumbered	0
Total	\$715,128



Harford County Roads

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

RESURFACING

FY 17 Funded Projects:

Resurfacing Roadways	29,502,435	0	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000

Open Projects:

Resurfacing Roadways 14	6,661,509	6,661,509	0	0	0	0	0	0

Resurfacing Roadways 15	5,603,106	5,603,106	0	0	0	0	0	0

Resurfacing Roadways 16	5,292,842	5,292,842	0	0	0	0	0	0

Resurfacing Total by Project	47,059,892	17,557,457	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000

Paygo	44,484,500	15,095,000	4,889,500	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000

Developer	0	0	0	0	0	0	0	0

Reappropriated	2,575,392	2,462,457	112,935	0	0	0	0	0

Resurfacing Total by Fund	47,059,892	17,557,457	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

RESURFACING

Resurfacing Roadways	5,002,435	0	4,889,500	0	0	112,935	0	0	0	0	0	0	0
SUB-TOTAL RESURFACING	5,002,435	0	4,889,500	0	0	112,935	0	0	0	0	0	0	0

PROJECT: Resurfacing Roadways 17**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement.

This is a critical maintenance program for the upkeep of the County's pavement system. Not only does this work provide smoother and safer roadways, but it seals out water from the subbase, thereby drastically improving the life cycle of the pavement.

Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

Ongoing Program

PROJECT STATUS:

Reappropriated funding in the amount of \$112,935 is from Highways recovery capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		75,000	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Land Acquisition			0						0
Construction		4,752,435	4,752,435	4,175,000	4,375,000	4,550,000	4,750,000	4,925,000	27,527,435
Inspection Fees		175,000	175,000	250,000	250,000	275,000	275,000	300,000	1,525,000
Equipment/Furnishing			0						0
Total Cost	0	5,002,435	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	29,502,435

FUNDING SCHEDULE

R8750 Paygo		4,889,500	4,889,500	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	29,389,500
R8770 Reappropriated		112,935	112,935						112,935
			0						0
			0						0
			0						0
			0						0
Total Funds	0	5,002,435	5,002,435	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	29,502,435

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/16:

Expended

Encumbered

Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Resurfacing Roadways 14**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H144505****PROJECT DESCRIPTION / JUSTIFICATION:**

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement. Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	6,336,509		6,336,509						6,336,509
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost	6,661,509	0	6,661,509	0	0	0	0	0	6,661,509

FUNDING SCHEDULE

R8750 Paygo	6,280,000		6,280,000						6,280,000
R8089 Reappropriated Paygo	381,509		381,509						381,509
			0						0
			0						0
			0						0
			0						0
Total Funds	6,661,509	0	6,661,509	0	0	0	0	0	6,661,509

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	6,391,945
Encumbered	6,945
Total	\$6,398,890

PROJECT: Resurfacing Roadways 15**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H154506****PROJECT DESCRIPTION / JUSTIFICATION:**

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement.

This is a critical maintenance program for the upkeep of the County's pavement system. Not only does this work provide smoother and safer roadways, but it seals out water from the subbase, thereby drastically improving the life cycle of the pavement.

Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	5,278,106		5,278,106						5,278,106
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost	5,603,106	0	5,603,106	0	0	0	0	0	5,603,106

FUNDING SCHEDULE

R8750 Paygo	4,815,000		4,815,000						4,815,000
R8089 Reappropriated Paygo	788,106		788,106						788,106
			0						0
			0						0
			0						0
			0						0
Total Funds	5,603,106	0	5,603,106	0	0	0	0	0	5,603,106

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	2,716,523
Encumbered	1,878,442
Total	\$4,594,965

PROJECT: Resurfacing Roadways 16**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H164502****PROJECT DESCRIPTION / JUSTIFICATION:**

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement.

This is a critical maintenance program for the upkeep of the County's pavement system. Not only does this work provide smoother and safer roadways, but it seals out water from the subbase, thereby drastically improving the life cycle of the pavement.

Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

Ongoing Program

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	75,000		75,000						75,000
Land Acquisition									0
Construction	5,042,842		5,042,842						5,042,842
Inspection Fees	175,000		175,000						175,000
Equipment/Furnishing									0
Total Cost	5,292,842	0	5,292,842	0	0	0	0	0	5,292,842

FUNDING SCHEDULE

R8750 Paygo	4,000,000		4,000,000						4,000,000
R8089 Reappropriated Paygo	1,292,842		1,292,842						1,292,842
									0
									0
			0						0
			0						0
Total Funds	5,292,842	0	5,292,842	0	0	0	0	0	5,292,842

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

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HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

HIGHWAYS FUND

OTHER

FY 17 Funded Projects:

APG Gate PILOT	820,603	590,000	230,603	0	0	0	0	0
Fleet Replacement	13,942,000	7,242,000	1,700,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Refresh Program	450,500	323,000	42,500	42,500	42,500	0	0	0
Safeguarding Business Operations	3,187,450	2,437,450	250,000	250,000	250,000	0	0	0
Sidewalks and Handicapped Ramps	1,749,300	780,000	219,300	150,000	150,000	150,000	150,000	150,000

Outyear Projects:

Efficiency Capital Investment Project	355,000	155,000	0	40,000	40,000	40,000	40,000	40,000
Equipment Sheds	200,000	0	0	100,000	100,000	0	0	0

Open Projects:

Facilities Repair Program	1,007,000	1,007,000	0	0	0	0	0	0
Fuel Dispensing System Upgrade	950,000	950,000	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0
Hickory II Improvements	823,503	823,503	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	1,600,000	1,600,000	0	0	0	0	0	0

Other Total by Project	26,553,856	17,376,453	2,442,403	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000

Paygo	25,851,056	16,842,953	2,273,103	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000
Special Paygo	0	0	0	0	0	0	0	0
Reappropriated	25,000	25,000	0	0	0	0	0	0
Federal	169,300	64,650	104,650	0	0	0	0	0
State	70,000	70,000	0	0	0	0	0	0
Developer	64,650	0	64,650	0	0	0	0	0
Other	373,850	373,850	0	0	0	0	0	0

Other Total by Fund	26,553,856	17,376,453	2,442,403	1,582,500	1,582,500	1,190,000	1,190,000	1,190,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

OTHER

APG Gate PILOT	230,603	0	230,603	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,700,000	0	1,700,000	0	0	0	0	0	0	0	0	0	0
Refresh Program	42,500	0	42,500	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	219,300	0	50,000	0	0	0	0	0	0	0	104,650	64,650	0
SUB-TOTAL OTHER	2,442,403	0	2,273,103	0	0	0	0	0	0	0	104,650	64,650	0

PROJECT: APG Gate PILOT

HIGHWAYS - OTHER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H164503

PROJECT DESCRIPTION / JUSTIFICATION:

Funds will be used to develop transportation/road improvements servicing Aberdeen Proving Ground or other surrounding business districts.

PROJECT SCHEDULE:

FY 16 - Harford County will continue working with the State of Maryland and Aberdeen Proving Ground to further the development of the near term transportation projects.



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	590,000	230,603	820,603						820,603
Total Cost	590,000	230,603	820,603	0	0	0	0	0	820,603

FUNDING SCHEDULE

R8750 Paygo - APG Gate PILOT	590,000	230,603	820,603						820,603
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	590,000	230,603	820,603	0	0	0	0	0	820,603

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Fleet Replacement**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H124507****PROJECT DESCRIPTION / JUSTIFICATION:**

Provide funds for the replacement of essential vehicles and equipment to enable using agencies to perform their critical jobs. We are behind in consistent rotation which has caused maintenance costs to rise, fuel inefficiency, and fleet availability to plummet. Units to be replaced are on average 10 years old with high mileage and have become unreliable.

**PROJECT SCHEDULE:**

This project will be managed/controlled by the Department of Procurement, Fleet Management Division.

PROJECT STATUS:

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	7,242,000	1,700,000	8,942,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	13,942,000
Total Cost	7,242,000	1,700,000	8,942,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	13,942,000

FUNDING SCHEDULE

R8750 Paygo	7,242,000	1,700,000	8,942,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	13,942,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	7,242,000	1,700,000	8,942,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	13,942,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16

Expended	6,152,634
Encumbered	602,739
Total	\$6,755,373

PROJECT: Refresh Program**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H134511****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to refresh the computers, network, infrastructure, server, storage and peripherals throughout the County. This project will be an ongoing maintenance effort to keep the County's equipment current and to replace equipment as it becomes obsolete or out of support. This project will be managed by the Office of Information and Communication Technology.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	323,000	42,500	365,500	42,500	42,500				450,500
Total Cost	323,000	42,500	365,500	42,500	42,500	0	0	0	450,500

FUNDING SCHEDULE

R8750 Paygo	259,135	42,500	301,635	42,500	42,500				386,635
R8089 Reappropriated Paygo	63,865		63,865						63,865
			0						0
			0						0
			0						0
			0						0
Total Funds	323,000	42,500	365,500	42,500	42,500	0	0	0	450,500

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	262,052
Encumbered	0
Total	\$262,052

PROJECT: Safeguarding Business Operations**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H114507****PROJECT DESCRIPTION / JUSTIFICATION:**

To integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning, Applications and Database modernization, consolidation and enhancement including Workflow, COBIT/ITIL standards initiatives, Mainframe Sunset provisions, DILP Automation, Disaster Recovery, EOC Integration and DPW/Transportation Vehicle Tracking Systems among others.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,437,450	250,000	2,687,450	250,000	250,000				3,187,450
Total Cost	2,437,450	250,000	2,687,450	250,000	250,000	0	0	0	3,187,450

FUNDING SCHEDULE

R8750 Paygo	2,437,450	250,000	2,687,450	250,000	250,000				3,187,450
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,437,450	250,000	2,687,450	250,000	250,000	0	0	0	3,187,450

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,545,851
Encumbered	91,005
Total	\$1,636,856

PROJECT: Sidewalks and Handicapped Ramps**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H104512****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the construction of sidewalks to interconnect communities, schools, and commercial areas. The project will benefit air quality and congestion by encouraging local walking trips and will improve safety by separating pedestrians and motor vehicles.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

\$64,500 was moved from R6330 Developer to R3199 Federal Other in FY16 to have funds to begin work and to accept SHA "Safe Routes to School" Grant. Putting \$64,500 back in R6330 Developer in FY17 along with balance of grant of \$4,650 into R3199 Federal Other.

PROJECT SCHEDULE:

Ongoing Program

**PROJECT STATUS:**

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	65,000		65,000	10,000	10,000	10,000	10,000	10,000	115,000
Land Acquisition	25,000		25,000	5,000	5,000	5,000	5,000	5,000	50,000
Construction	630,000	219,300	849,300	120,000	120,000	120,000	120,000	120,000	1,449,300
Inspection Fees	60,000		60,000	15,000	15,000	15,000	15,000	15,000	135,000
Equipment/Furnishing			0						0
Total Cost	780,000	219,300	999,300	150,000	150,000	150,000	150,000	150,000	1,749,300

FUNDING SCHEDULE

R8750 Paygo	650,000	50,000	700,000	150,000	150,000	150,000	150,000	150,000	1,450,000
R6330 Developer		64,650	64,650						64,650
R6999 Other	15,350		15,350						15,350
R3199 Federal Other	64,650	104,650	169,300						169,300
R8089 Reappropriated Paygo	50,000		50,000						50,000
			0						0
Total Funds	780,000	219,300	999,300	150,000	150,000	150,000	150,000	150,000	1,749,300

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

Financial Activity as of 3/1/16:

Expended

Encumbered

OUTYEAR PROJECTS

FY 18 - FY 22

PROJECT: Efficiency Capital Investment Project**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H134507****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will continue the design and initiate site preparation to connect the Hickory II facility to natural gas following an energy efficiency completed in FY12. This study was based upon the premise that natural gas could be a more cost effective and energy efficient fuel source for the Hickory II facility.

PROJECT SCHEDULE:

Ongoing Program

**PROJECT STATUS:**

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design									0
Land Acquisition									0
Construction	10,000		10,000	15,000	15,000	15,000	15,000	15,000	85,000
Inspection Fees									0
Equipment/Furnishing	145,000		145,000	25,000	25,000	25,000	25,000	25,000	270,000
Total Cost	155,000	0	155,000	40,000	40,000	40,000	40,000	40,000	355,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000	40,000	40,000	40,000	40,000	40,000	250,000
R6999 Other	10,000		10,000						10,000
R3399 State Other	70,000		70,000						70,000
R8089 Reappropriated Paygo	25,000		25,000						25,000
			0						0
			0						0
Total Funds	155,000	0	155,000	40,000	40,000	40,000	40,000	40,000	355,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	90,515
Encumbered	0
Total	\$90,515

PROJECT: Equipment Sheds**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****New****PROJECT DESCRIPTION / JUSTIFICATION:**

Funds are requested for construction of equipment storage sheds to protect assigned equipment from the elements (current value in excess of \$9,000,000). The intent is that the shed be a basic structure with a roof, walls, and electric lights. Equipment is currently parked in the open without cover for the operator when he/she performs routine preventative maintenance. There is not any protection from the elements making the vehicles more difficult to start in the winter and causes more rapid deterioration of equipment. Funds are requested for the Abingdon and Hickory complexes.

PROJECT SCHEDULE:

FY 18 - construction

FY 19 - construction

PROJECT STATUS:

Planning is underway

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	5,000	5,000				10,000
Land Acquisition			0						0
Construction			0	90,000	90,000				180,000
Inspection Fees			0	5,000	5,000				10,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	100,000	100,000	0	0	0	200,000

FUNDING SCHEDULE

R8750 Paygo			0	100,000	100,000				200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	100,000	100,000	0	0	0	200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/16:

Expended	
Encumbered	0
Total	\$0

OPEN/ACTIVE PROJECTS

PROJECT: Facilities Repair Program**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H034506****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for an umbrella facilities repair fund for County buildings. The program would allow for the timely repair/replacement of deteriorating roofs, parking lots, HVAC equipment, windows, and other building structures.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

**PROJECT SCHEDULE:**

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	125,000		125,000						125,000
Land Acquisition			0						0
Construction	827,000		827,000						827,000
Inspection Fees	55,000		55,000						55,000
Equipment/Furnishing			0						0
Total Cost	1,007,000	0	1,007,000	0	0	0	0	0	1,007,000

FUNDING SCHEDULE

R8750 Paygo	1,007,000		1,007,000						1,007,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,007,000	0	1,007,000	0	0	0	0	0	1,007,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	821,681
Encumbered	14,471
Total	\$836,152

PROJECT: Fuel Dispensing System Upgrade**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H064508****PROJECT DESCRIPTION / JUSTIFICATION:**

Project is for the upgrade of the County's fuel dispensing system at Abingdon. Replacing tanks and pumps are necessary as they have passed their useful life. Current size can not handle increased demand and cannot meet new regulation requirements.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	950,000		950,000						950,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	950,000	0	950,000	0	0	0	0	0	950,000

FUNDING SCHEDULE

R8750 Paygo	950,000		950,000						950,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	950,000	0	950,000	0	0	0	0	0	950,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

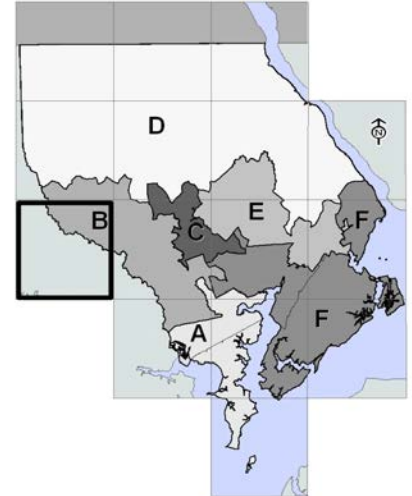
Expended 949,273

Encumbered 0

Total \$949,273

PROJECT: Glen Elyn Culvert and Ponds Repair**HIGHWAYS - OTHER****COUNCIL DISTRICT: B****LOCATION: Upper Crossroads****H024504****PROJECT DESCRIPTION / JUSTIFICATION:**

The culvert running from the Glen Elyn stormwater management pond under Forest Glen Drive has deteriorated. This project replaced the pipe with a reinforced concrete pipe that will be more resistant to deterioration and failures. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations

**PROJECT SCHEDULE:****PROJECT STATUS:**

This project remains open to accept special assessments from the community to reimburse some of the costs for this project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	352,500		352,500						352,500
Inspection Fees	15,000		15,000						15,000
Equipment/Furnishing			0						0
Total Cost	392,500	0	392,500	0	0	0	0	0	392,500

FUNDING SCHEDULE

R1602 Special Assessment	202,500		202,500						202,500
R8750 Paygo	190,000		190,000						190,000
			0						0
			0						0
			0						0
			0						0
Total Funds	392,500	0	392,500	0	0	0	0	0	392,500

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	392,500
Encumbered	0
Total	\$392,500

PROJECT: HMAN (Harford County Metro Area Network)**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H134509****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to use advanced telecommunications infrastructure to increase access to the web and other computer utilities for citizens, businesses and governmental entities within Harford County. The HMAN (Harford County Metro Area Network) will allow the consolidation of existing disparate communication networks into a single secure high speed IP network providing internet; Ethernet and voice over IP; serve as Harford County's communications backbone for all current and future technologies; reduction of cost for Harford County government and its sister organizations' complete coverage of the County for internet access and increased bandwidth for both governmental and private sector entities. This new architecture creates a multi-service network that provides the government, public safety, education, health care, commercial and residential users a single infrastructure, with complete sovereignty and security, on an advanced consolidated core backbone.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	930,000		930,000						930,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	930,000	0	930,000	0	0	0	0	0	930,000

FUNDING SCHEDULE

R8750 Paygo	930,000		930,000						930,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	930,000	0	930,000	0	0	0	0	0	930,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

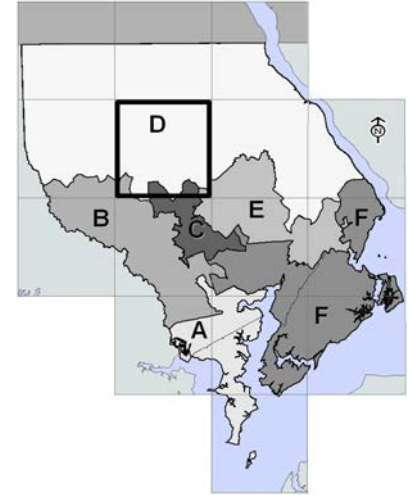
Expended	915,679
Encumbered	14,273
Total	\$929,952

PROJECT: Hickory II Improvements**HIGHWAYS - OTHER****COUNCIL DISTRICT: D****LOCATION: Hickory****H044510****PROJECT DESCRIPTION / JUSTIFICATION:**

This will provide for timely repairs and renovations to Hickory II, specifically reflash the roof on the administrative section. This will also allow timely repair/replacement of windows, HVAC equipment, and other building structures to accommodate the relocation of the 2nd District crew from Hickory I to Hickory II. Funds are also requested for a security fence around the Central Stores building, repair of the existing security fence, and construction of additional buildings.

PROJECT SCHEDULE:**PROJECT STATUS:**

Project Closed. Will be removed after audit of July 2015.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	285,000		285,000						285,000
Land Acquisition			0						0
Construction	498,503		498,503						498,503
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	823,503	0	823,503	0	0	0	0	0	823,503

FUNDING SCHEDULE

R8750 Paygo	595,503		595,503						595,503
R7132 Reappropriated Prior Bonds	228,000		228,000						228,000
			0						0
			0						0
			0						0
			0						0
Total Funds	823,503	0	823,503	0	0	0	0	0	823,503

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	795,014
Encumbered	0
Total	\$795,014

PROJECT: Primrose Place

HIGHWAYS - OTHER

COUNCIL DISTRICT: F

LOCATION: Riverside

H034508

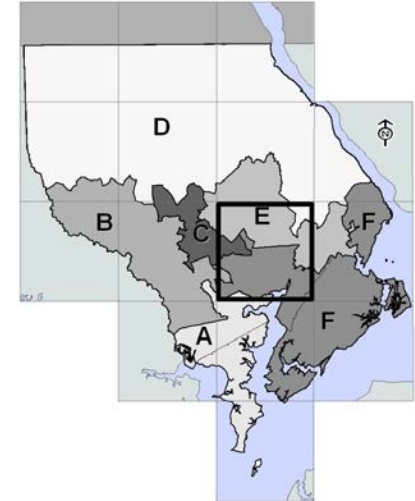
PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funding to identify the properties to be benefited and to establish an assessment basis and annual assessment for the Primrose Place Project.

PROJECT SCHEDULE:

PROJECT STATUS:

This project remains open to accept special assessments.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	146,000		146,000						146,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	146,000	0	146,000	0	0	0	0	0	146,000

FUNDING SCHEDULE

R1602 Special Assessment	146,000		146,000						146,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	146,000	0	146,000	0	0	0	0	0	146,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/15/16:

Expended	132,605
Encumbered	0
Total	<u>\$132,605</u>

PROJECT: 700 MHz Wireless Radio System Equipment**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H134506****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for Highways' share of the 700 MHz radios purchase. These radios are needed in order to ensure interoperability with Baltimore County's new radio system and the soon to be installed regional radio system. This project is necessary as population growth increases call volume. Additional radio channels are required to handle the increased call volume. It is also related to the Master Plan as it provides public facilities that are needed for safe and sustainable communities.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,600,000		1,600,000						1,600,000
Total Cost	1,600,000	0	1,600,000	0	0	0	0	0	1,600,000

FUNDING SCHEDULE

R8750 Paygo	1,600,000		1,600,000						1,600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,600,000	0	1,600,000	0	0	0	0	0	1,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,598,812
Encumbered	1,188
Total	\$1,600,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2018	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2017		FY 2019	FY 2020	FY 2021	FY 2022

WATER & SEWER FUND

WATER PROJECTS

FY 17 Funded Projects:

Efficiency Capital Investment Projects	300,000	150,000	150,000	0	0	0	0	0
Fleet Replacement	8,103,530	2,662,000	800,000	840,000	882,000	926,100	972,405	1,021,025
Refresh Program	477,000	342,000	45,000	45,000	45,000	0	0	0
Safeguarding Business Operations	3,324,650	2,574,650	250,000	250,000	250,000	0	0	0
Site Acquisition	435,073	800,000	(364,927)	0	0	0	0	0
Site Acquisition 17	364,927	0	364,927	0	0	0	0	0
Tank Painting FY 17	4,800,000	0	800,000	800,000	800,000	800,000	800,000	800,000
Water and Sewer Authority Study Establishment	1,000,000	2,000,000	(1,000,000)	0	0	0	0	0
Water System Model Study	300,000	0	300,000	0	0	0	0	0
Water Zone Improvements	600,000	150,000	300,000	150,000	0	0	0	0

Outyear Projects:

Central W&S Laboratory	4,350,000	0	0	0	0	400,000	3,950,000	0
HDG WTP Upgrade	3,000,000	0	0	0	0	300,000	0	2,700,000
Oak Grove Booster Station	330,000	0	0	330,000	0	0	0	0
Rate Study Revisited #1	150,000	0	0	0	150,000	0	0	0
Reconstruct Perryman Wellhouses/Wells	1,860,000	0	0	0	210,000	1,650,000	0	0
Replacement of Water Booster Station SCADA	1,500,000	300,000	0	1,200,000	0	0	0	0
Renewal and Replacement Water Infrastructure	1,600,000	400,000	0	0	300,000	300,000	300,000	300,000
Rt. 7 Transmission Parallel Ph 1	2,525,000	0	0	0	0	250,000	0	2,275,000
Rt. 7 Transmission Parallel Ph 2	8,850,000	0	0	0	0	0	900,000	7,950,000
US 40 and Rt 159 SHA Water Relocation	3,800,000	2,600,000	0	0	1,200,000	0	0	0

Open Projects:

Abingdon Road Water	8,300,000	8,300,000	0	0	0	0	0	0
Abingdon WTP Expansion	76,535,000	76,535,000	0	0	0	0	0	0
City of Baltimore - Deer Creek PS and Valve Improvements	3,700,000	3,700,000	0	0	0	0	0	0
City of Baltimore Raw Water Supply	3,300,000	3,300,000	0	0	0	0	0	0
Construction Unanticipated 12	300,000	300,000	0	0	0	0	0	0
Construction Unanticipated 15	460,000	460,000	0	0	0	0	0	0
HMAN (Harford County Metro Area Network)	1,220,000	1,220,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM			
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
<u>WATER & SEWER FUND</u>								
WATER PROJECTS								
Magnolia Booster Station	1,450,000	1,450,000	0	0	0	0	0	0
Tank Painting 12	300,000	300,000	0	0	0	0	0	0
Tank Painting 14	500,000	500,000	0	0	0	0	0	0
Tank Painting 15	800,000	800,000	0	0	0	0	0	0
Tank Painting 16	700,000	700,000	0	0	0	0	0	0
Tollgate Road Water Main Parallel 15	1,292,227	1,292,227	0	0	0	0	0	0
Underground & Aboveground Storage Tank Management	50,000	50,000	0	0	0	0	0	0
Water and Sewer Billing Project	1,500,000	1,500,000	0	0	0	0	0	0
Water Meter Upgrade	1,210,000	1,210,000	0	0	0	0	0	0
Water Total by Project	149,287,407	113,595,877	1,645,000	3,615,000	3,837,000	4,626,100	6,922,405	15,046,025
Paygo	28,742,624	14,789,473	1,361,621	2,085,000	2,637,000	3,676,100	2,072,405	2,121,025
Prior Paygo	(300,000)	0	(300,000)	0	0	0	0	0
Future Bonds	21,455,000	0	0	1,530,000	1,200,000	950,000	4,850,000	12,925,000
Prior Bonds	97,682,460	97,682,460	0	0	0	0	0	0
Reappropriated	1,407,323	973,944	433,379	0	0	0	0	0
State	300,000	150,000	150,000	0	0	0	0	0
Water Total by Fund	149,287,407	113,595,877	1,645,000	3,615,000	3,837,000	4,626,100	6,922,405	15,046,025

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

WATER & SEWER FUND

WATER PROJECTS

Efficiency Capital Investment Projects	150,000	0	0	0	0	0	0	0	150,000	0	0	0	0
Fleet Replacement	800,000	400,000	266,621	0	0	133,379	0	0	0	0	0	0	0
Refresh Program	45,000	0	45,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Site Acquisition	(364,927)	0	0	(364,927)	0	0	0	0	0	0	0	0	0
Site Acquisition 17	364,927	0	0	364,927	0	0	0	0	0	0	0	0	0
Tank Painting FY 17	800,000	0	800,000	0	0	0	0	0	0	0	0	0	0
Water and Sewer Authority Study Establishment	(1,000,000)	(1,000,000)	0	0	0	0	0	0	0	0	0	0	0
Water System Model Study	300,000	0	0	0	0	300,000	0	0	0	0	0	0	0
Water Zone Improvements	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	1,645,000	(300,000)	1,361,621	0	0	433,379	0	0	150,000	0	0	0	0

PROJECT: Efficiency Capital Investment Projects**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****O166009****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will identify and implement infrastructure projects at the Department of Public Works, Water and Sewer facilities annually. This will increase operational efficiency through reducing costs and the County's environmental footprint. This project will emphasize making facilities safe, secure, functional and efficient for the delivery of services to the constituents of Harford County.

**PROJECT SCHEDULE:**

FY16-FY17 - complete lighting retrofit at Sod Run.

PROJECT STATUS:

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	90,000	90,000	180,000						180,000
Inspection Fees			0						0
Equipment/Furnishing	60,000	60,000	120,000						120,000
Total Cost	150,000	150,000	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R3399 State Other	150,000	150,000	300,000						300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	150,000	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	95,000
Total	\$95,000

PROJECT: Fleet Replacement**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****O126727****PROJECT DESCRIPTION / JUSTIFICATION:**

Provide funds for the replacement of essential vehicles and equipment to enable using agencies to perform their critical jobs.
 Funds will allow the county to maintain a consistent rotation, which lowers maintenance costs, fuel efficiency, and fleet availability.
 Units to be replaced are on average 10 years old which have high mileage and are unreliable.

PROJECT SCHEDULE:

This project will be managed/controlled by the Department of Procurement, Fleet Management Division.

**PROJECT STATUS:**

This project is ongoing.

Reappropriated funding in the amount of \$533,379 is from Water and Sewer recovery.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,662,000	800,000	3,462,000	840,000	882,000	926,100	972,405	1,021,025	8,103,530
Total Cost	2,662,000	800,000	3,462,000	840,000	882,000	926,100	972,405	1,021,025	8,103,530

FUNDING SCHEDULE

R8750 Paygo	2,662,000	266,621	2,928,621	840,000	882,000	926,100	972,405	1,021,025	7,570,151
R8770 Reappropriated		133,379	133,379						133,379
R8750 Prior Paygo		400,000	400,000						400,000
			0						0
			0						0
			0						0
Total Funds	2,662,000	800,000	3,462,000	840,000	882,000	926,100	972,405	1,021,025	8,103,530

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,721,767
Encumbered	579,623
Total	\$2,301,390

PROJECT: Refresh Program**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****O136733****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to refresh the computers, network, infrastructure, server, storage and peripherals throughout the County. This project will be an ongoing maintenance effort to keep the County's equipment current and to replace equipment as it becomes obsolete or out of support. This project will be managed by the Office of Information and Communication Technology.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Ongoing

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	342,000	45,000	387,000	45,000	45,000				477,000
Total Cost	342,000	45,000	387,000	45,000	45,000	0	0	0	477,000

FUNDING SCHEDULE

R8750 Paygo	342,000	45,000	387,000	45,000	45,000				477,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	342,000	45,000	387,000	45,000	45,000	0	0	0	477,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	315,880
Encumbered	4,938
Total	\$320,818

PROJECT: Safeguarding Business Operations**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****O116716****PROJECT DESCRIPTION / JUSTIFICATION:**

To integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning. Applications and Database modernization, consolidation and enhancement including Workflow, COBIT/ITIL standards initiatives, Mainframe Sunset provisions, DILP Automation, Disaster Recovery, EOC Integration and DPW/Transportation Vehicle Tracking Systems among others.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,574,650	250,000	2,824,650	250,000	250,000				3,324,650
Total Cost	2,574,650	250,000	2,824,650	250,000	250,000	0	0	0	3,324,650

FUNDING SCHEDULE

R8750 Paygo	2,574,650	250,000	2,824,650	250,000	250,000				3,324,650
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,574,650	250,000	2,824,650	250,000	250,000	0	0	0	3,324,650

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Site Acquisition**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****O106710****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for the site acquisition of needed land for future development of water and sewer facilities to meet the demand of future growth inside the development envelope. This land is for tanks, booster stations, and also to protect the Perryman Well Field from degradation.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is being closed and remaining Prior Bond appropriation is being transferred to a new Site Acquisition project for FY 17.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition	800,000	(364,927)	435,073						435,073
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	800,000	(364,927)	435,073	0	0	0	0	0	435,073

FUNDING SCHEDULE

R7100 Prior Bonds	800,000	(364,927)	435,073						435,073
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	800,000	(364,927)	435,073	0	0	0	0	0	435,073

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$69,483

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	10,073
Encumbered	0
Total	<u>\$10,073</u>

PROJECT: Site Acquisition 17**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for the site acquisition of needed land for future development of water and sewer facilities to meet the demand of future growth inside the development envelope. This land is for tanks, booster stations, and also to protect the Perryman Well Field from degradation.

PROJECT SCHEDULE:**PROJECT STATUS:**

Prior Bond appropriation in the amount of \$364,927 has been transferred from the Site Acquisition capital project O106710 that will be closed following completion of the audit in July, 2016.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition		364,927	364,927						364,927
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	364,927	364,927	0	0	0	0	0	364,927

FUNDING SCHEDULE

R7100 Prior Bonds		364,927	364,927						364,927
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	364,927	364,927	0	0	0	0	0	364,927

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: Tank Painting FY 17

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

W176668

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides the Division with the appropriation to paint and repair the existing 12 water storage tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, safety repairs, and repainting to extend the life of the asset. A typical tank painting system will last 10 to 12 years.

PROJECT SCHEDULE:

Fall 2016 Magnolia
Spring 2017 Otter Point



PROJECT STATUS:

Fountain Green Completed
Bynum Tank under contract

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		800,000	800,000						800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	800,000	800,000	800,000	800,000	800,000	800,000	800,000	800,000

FUNDING SCHEDULE

R8750 Paygo		800,000	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	800,000	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of

Expended
Encumbered
Total \$0

PROJECT: Water and Sewer Authority Study Establishment**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****O146735****PROJECT DESCRIPTION / JUSTIFICATION:**

There are four phases to this project. Phase I will be the "Regional Water and Sewer Authority Formation". The Feasibility study will consist of seven tasks including researching challenges and providing solution options for consideration by the County and all participating municipalities. Phase II will be the "Develop Detailed Plan for Regional Authority Formation", and will develop an implementation plan for formation of the Authority. The plan will include Human Resources, Finance, Operation and Customer Service. Phases III and IV will be the "Transition to Regional Authority and First Year of Operations" and will relate to the actual formation of the Water and Sewer Authority.

PROJECT SCHEDULE:**PROJECT STATUS:**

Prior Paygo funding in the amount of \$300,000 will go to the Fallston Sanitation Sewer District Study project; and \$300,000 will go to the Renewal and Replacement Water Infrastructure capital project.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	2,000,000	(1,000,000)	1,000,000						1,000,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,000,000	(1,000,000)	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R8750 Prior Paygo		(1,000,000)	(1,000,000)						(1,000,000)
R8750 Paygo	2,000,000		2,000,000						2,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,000,000	(1,000,000)	1,000,000	0	0	0	0	0	1,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	295,318
Encumbered	535,682
Total	\$831,000

PROJECT: Water System Model Study**COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****WATER
NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to update the County's Water EPA NET Hydraulic and Water Quality Model to verify the water capital improvement plan and stage water improvements required based on the 2010 census data, the new sources of water being provided at APG - Aberdeen and Edgewood, Aberdeen City's Purchase water agreement, and Maryland American.

**PROJECT SCHEDULE:**

Prepare scope of service Spring 2016
 Select Consultant Summer 2016
 Complete Model Summer 2017

PROJECT STATUS:

New

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		300,000	300,000						300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	300,000	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8770 Reappropriated		300,000	300,000						300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	300,000	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended
 Encumbered
 Total \$0

PROJECT: Water Zone Improvements**COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****WATER****W146660****PROJECT DESCRIPTION / JUSTIFICATION:**

This project allows for the design, construction, and/or installation of water mains, controls, safety improvements, and equipment as needed within Harford County's water service area. This project is required to finance loops and/or upsizing within the system that benefit an entire service area, and otherwise cannot require the developer to build because the requirements go beyond that which are needed solely for the development.

PROJECT SCHEDULE:

Evergreen under construction summer 2015

Eastgate anticipated 2017

**PROJECT STATUS:**

Prior Paygo funding in the amount of \$300,000 has been reallocated from the Water and Sewer Authority Study capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	150,000	300,000	450,000	150,000					600,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	150,000	300,000	450,000	150,000	0	0	0	0	600,000

FUNDING SCHEDULE

R8750 Paygo	150,000		150,000	150,000					300,000
R8750 Prior Paygo		300,000	300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	300,000	450,000	150,000	0	0	0	0	600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/16:

Expended	0
Encumbered	0
Total	\$0

OUTYEAR PROJECTS

FY 18 - FY 22

PROJECT: Central W&S Laboratory**COUNCIL DISTRICT: F****LOCATION: Abingdon****WATER
NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

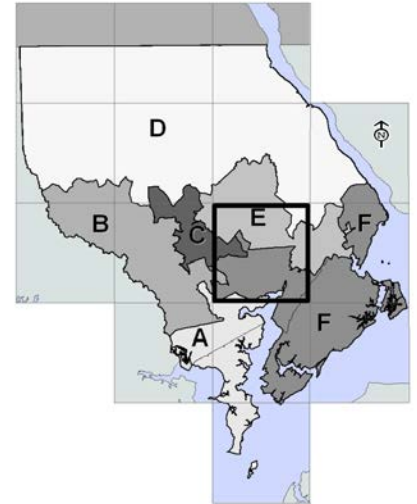
This project provides funds for the design and construction of a central consolidated laboratory for the Division of Water and Sewer. The Central laboratory will allow the consolidation of laboratory staffing and testing into one central facility for efficiency of staff and improved management. The lab will be a combined water and wastewater lab located on the site of the Water and Sewer central office building. Funds will provide for modifying the office building's second floor, parking and stormwater management for the expanded use and staffing.

PROJECT SCHEDULE:

Planning and Design: Spring 2020
Start Construction Spring 2021

PROJECT STATUS:

New

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			400,000			400,000
Land Acquisition			0						0
Construction			0				2,500,000		2,500,000
Inspection Fees			0				250,000		250,000
Equipment/Furnishing			0				1,200,000		1,200,000
Total Cost	0	0	0	0	0	400,000	3,950,000	0	4,350,000

FUNDING SCHEDULE

R7000 Future Bonds			0			400,000	3,950,000		4,350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	400,000	3,950,000	0	4,350,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

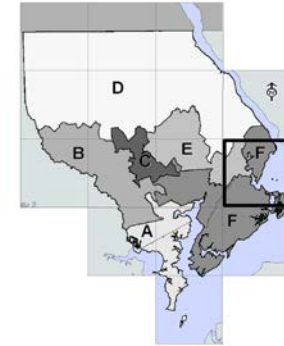
Expended

Encumbered

Total \$0

PROJECT: Havre de Grace Water Treatment Plant Upgrade**COUNCIL DISTRICT: F****LOCATION: Havre de Grace****WATER
NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the addition of the third treatment unit and various upgrades to the existing plant to replace the capacity of the system as HDG City buys their water supply capacity back within the terms of the 1980's agreement. In addition plant improvements are required throughout the plant due to technology and regulatory requirements, in addition to aging equipment.

**PROJECT SCHEDULE:****PROJECT STATUS:**

New

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			300,000			300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0					2,700,000	2,700,000
Total Cost	0	0	0	0	0	300,000	0	2,700,000	3,000,000

FUNDING SCHEDULE

R7000 Future Bonds			0			300,000		2,700,000	3,000,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	300,000	0	2,700,000	3,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

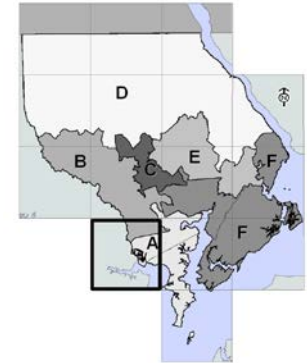
Expended

Encumbered

Total \$0

PROJECT: Oak Grove Booster Station**COUNCIL DISTRICT: MULTIPLE****LOCATION: Magnolia****WATER
NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for the County's portion of the construction of a new water booster station, that will allow for the abandonment of the existing Woodbridge water booster station. The developer of the Oak Grove/Stancill subdivision requires a booster station to service the new development. The County has agreed to contribute its share for the enlargement of the station so that it will also be able to service the existing Woodbridge subdivision, thereby allowing the County to eliminate the station.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0	330,000					330,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	330,000	0	0	0	0	330,000

FUNDING SCHEDULE

R7000 Future Bonds			0	330,000					330,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	330,000	0	0	0	0	330,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Rate Study Revisited #1**COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****WATER****NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

In FY15 the County completed a comprehensive water and sewer rate study and recommended new rates through FY20 in order to keep the water and sewer fund self supportive. Due to the elasticity and variability of the water use, regulatory requirements, and expenses, it is recommended that every 3 years the O&M and Capital Rate models are revisited, brought to date and forecasted for the next 3 years.

The models and rate analysis was prepared by an outside consultant who is an expert in the industry. The County does not have the expertise to run these models in house and this project will allow for a consultant to revisit and true up the models.

PROJECT SCHEDULE:

New

**PROJECT STATUS:**

New

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		150,000				150,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	150,000	0	0	0	150,000

FUNDING SCHEDULE

R8750 Paygo			0		150,000				150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	150,000	0	0	0	150,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Reconstruct Perryman Wellhouses/Wells #5, 6, 8 and 9**WATER
NEW****COUNCIL DISTRICT: F****LOCATION: Perryman****PROJECT DESCRIPTION / JUSTIFICATION:**

This project allows for the design and construction of new wells and wellhouses for four wells in the Perryman well system. Wells and wellhouses are reaching the end of their economic life. In addition, the existing lease with the U.S. Army for the wells that are located just inside the U.S. Government property will greatly improve our ability to operate and maintain the wells. The raw water pipes and power utilities will remain and lease/easement is still required.

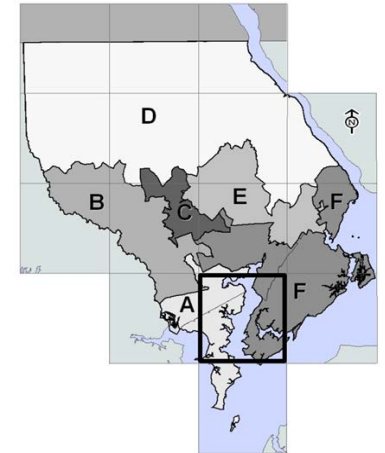
PROJECT SCHEDULE:

Design: FY2019

Start construction: FY2020

PROJECT STATUS:

New

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0		210,000				210,000
Land Acquisition			0						0
Construction			0			1,500,000			1,500,000
Inspection Fees			0			150,000			150,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	210,000	1,650,000	0	0	1,860,000

FUNDING SCHEDULE

R8750 Paygo			0		210,000	1,650,000			1,860,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	210,000	1,650,000	0	0	1,860,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): 0

Financial Activity as of

Expended

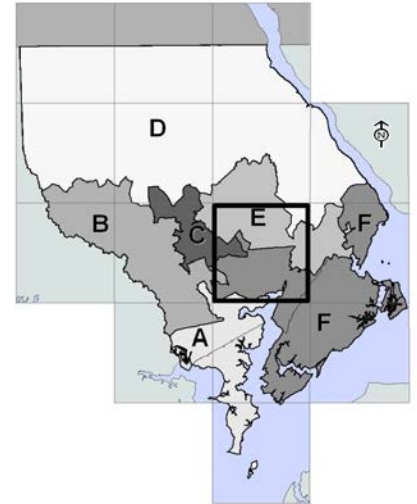
Encumbered

Total \$0

PROJECT: Replacement of Water Booster Station SCADA**COUNCIL DISTRICT: MULTIPLE****LOCATION: Abingdon****WATER****W156492****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for a study to select the appropriate replacement system for Water Booster Station SCADA (Supervisory Control and Data Acquisition) system. The project will allow for the design and performance specifications to be developed and installation.

The existing SCADA equipment is obsolete and parts are not manufactured anymore and Siemens does not support the system equipment.

**PROJECT SCHEDULE:**

Scope 2014
 Consultant Selection 2015
 Design and Bid 2015/16
 Construction 2017

PROJECT STATUS:

Consultant Selection on going

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction			0	1,200,000					1,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	1,200,000	0	0	0	0	1,500,000

FUNDING SCHEDULE

R7000 Future Bonds			0	1,200,000					1,200,000
R8750 Paygo	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	1,200,000	0	0	0	0	1,500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Renewal and Replacement Water Infrastructure**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****W126723****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for the design, evaluations, refurbishment, and/or replacement of major water mains, valves, vaults and apparatus that have or are nearing the end of their useful life. Projects will be identified thru studies, rate of failure, age and/or material longevity expectation.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project will be closed and removed from the Capital Improvement program following completion of the audit in July, 2016.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	300,000		300,000		300,000	300,000	300,000	300,000	1,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	400,000	0	400,000	0	300,000	300,000	300,000	300,000	1,600,000

FUNDING SCHEDULE

R8750 Paygo	400,000		400,000		300,000	300,000	300,000	300,000	1,600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	400,000	0	400,000	0	300,000	300,000	300,000	300,000	1,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

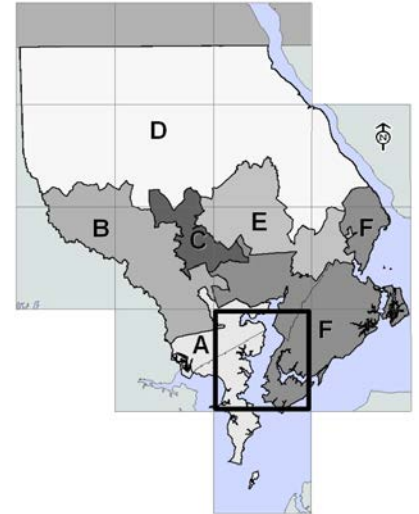
Total \$0

PROJECT: Rt. 7 Transmission Parallel Phase 1**WATER****COUNCIL DISTRICT: A****LOCATION: Edgewood****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the design and construction of approximately 2,000 lf of 12" water main from Edgewood Road to Fashion Way.

PROJECT SCHEDULE:**PROJECT STATUS:**

New

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0			200,000			200,000
Land Acquisition			0			50,000			50,000
Construction			0					2,200,000	2,200,000
Inspection Fees			0					75,000	75,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	250,000	0	2,275,000	2,525,000

FUNDING SCHEDULE

R7000 Future Bonds			0			250,000		2,275,000	2,525,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	250,000	0	2,275,000	2,525,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

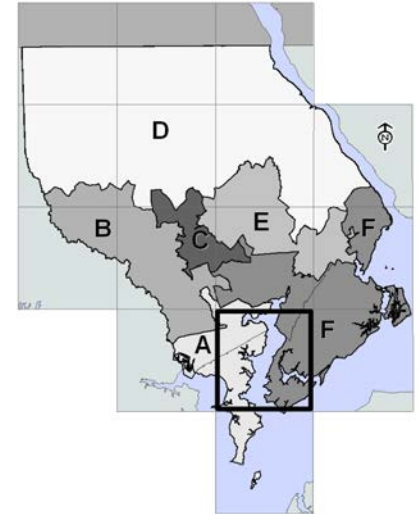
Total \$0

PROJECT: Rt. 7 Transmission Parallel Phase 2**WATER****COUNCIL DISTRICT: A****LOCATION: Joppa****NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the design and construction of approximately 7,500 lf of 12" water main from Fashion Way to Clayton Rd to Route 40.

PROJECT SCHEDULE:**PROJECT STATUS:**

NEW

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0				700,000		700,000
Land Acquisition			0				200,000		200,000
Construction			0					7,500,000	7,500,000
Inspection Fees			0					450,000	450,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	900,000	7,950,000	8,850,000

FUNDING SCHEDULE

R7000 Future Bonds			0				900,000	7,950,000	8,850,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	900,000	7,950,000	8,850,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

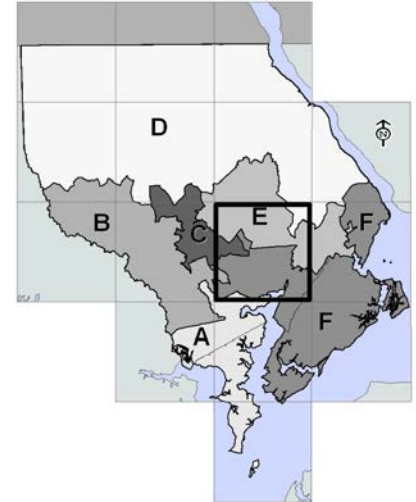
Expended

Encumbered

Total \$0

PROJECT: US 40 and Rt. 159 SHA Water Relocation**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Perryman****W166375****PROJECT DESCRIPTION / JUSTIFICATION:**

State Highways Administration (SHA) is currently under design of improvements to US Rt. 40 and Rt. 159 near the intersection of Rt. 7 and Rt. 40. The County has major water transmission mains that parallel both sides of Rt. 40 that are in conflict with the SHA improvements. The County lines are in SHA right of way by license permission only and when road improvements are required it is the responsibility of the County to pay for the water relocations. This project will allow for approximately 1,100 linear feet of 24" water transmission main reconstruction.

**PROJECT SCHEDULE:**

Design is ongoing

Construction is anticipated to begin in June, 2015

PROJECT STATUS:

Design 50% complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	2,600,000		2,600,000						2,600,000
Land Acquisition			0						0
Construction			0		1,200,000				1,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,600,000	0	2,600,000	0	1,200,000	0	0	0	3,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,600,000		2,600,000						2,600,000
R7000 Future Bonds			0		1,200,000				1,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,600,000	0	2,600,000	0	1,200,000	0	0	0	3,800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$260,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

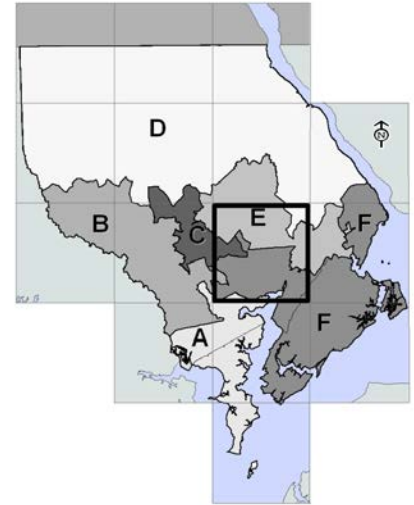
Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

OPEN/ACTIVE PROJECTS

PROJECT: Abingdon Road Water**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Abingdon****W086687****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for the design and construction, beginning just south of I-95, of approximately 800 linear feet of parallel 36"; and 2,260 linear feet of replacement 30" (to replace existing 12") to Rt. 7, and 4,435 linear feet of parallel 20" water transmission main from Rt. 7 to US Rt. 40. This project will provide the necessary initial transmission capacity of the expansion to the Abingdon Water Treatment Plant, in order to move water into Zone 1 towards Aberdeen and Edgewood.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Design is complete and easement is acquired. Waiting for decision from APG on a water source and need to increase demand prior to going to construction.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	8,050,000		8,050,000						8,050,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,300,000	0	8,300,000	0	0	0	0	0	8,300,000

FUNDING SCHEDULE

R7100 Prior Bonds	8,300,000		8,300,000						8,300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	8,300,000	0	8,300,000	0	0	0	0	0	8,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$832,543

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 271,540

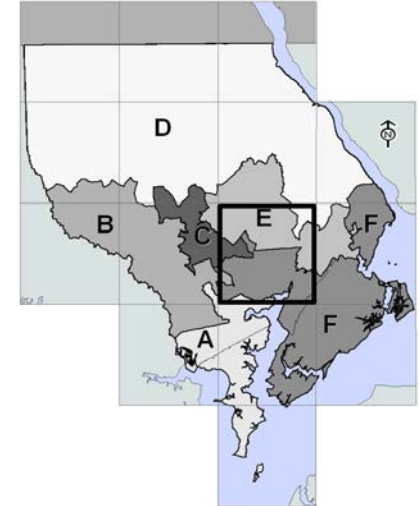
Encumbered 22,785

Total \$294,325

PROJECT: Abingdon WTP Expansion**WATER****COUNCIL DISTRICT: F****LOCATION: Abingdon****W066671****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the design and construction of the Abingdon Water Treatment Plant from its existing capacity to 20 mgd.

This project shall also convert the chlorine gas disinfection to a low strength Hypo system, provide a standby generator and construct an approximately 25,000 square foot central Water and Sewer office building. This project shall also include the rehabilitation of the existing underdrain system of the existing 10 mgd plant so that the plant remains at an optimal 10 mgd.

**PROJECT SCHEDULE:**

Plant construction was completed - 2012.

Administrative building completed - November, 2014

PROJECT STATUS:

Close out Administrative building

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	3,500,000		3,500,000						3,500,000
Land Acquisition			0						0
Construction	73,035,000		73,035,000						73,035,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	76,535,000	0	76,535,000	0	0	0	0	0	76,535,000

FUNDING SCHEDULE

R7100 Prior Bonds	76,532,460		76,532,460						76,532,460
R8089 Reappropriated Paygo	2,540		2,540						2,540
			0						0
			0						0
			0						0
			0						0
Total Funds	76,535,000	0	76,535,000	0	0	0	0	0	76,535,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$5,849,534

Annual Operating/Maintenance Cost: >\$100,000

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

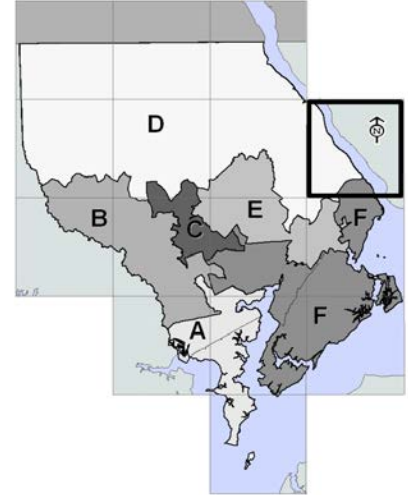
Expended	75,926,192
Encumbered	92,925
Total	\$76,019,117

PROJECT: City of Baltimore - Deer Creek Pump Station and Valve Improvements**WATER****COUNCIL DISTRICT: D****LOCATION: Darlington****W126718****PROJECT DESCRIPTION / JUSTIFICATION:**

In accordance with the 1993 raw water purchase agreement between the County and the City of Baltimore (COB), this project appropriates funds for the County's share of the COB's capital improvement to the Deer Creek raw water pumping station and valve replacement on the 108 inch Susquehanna Aqueduct.

PROJECT SCHEDULE:**PROJECT STATUS:**

The pump station is under construction, valve replacement is ready for the bid phase.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	3,700,000		3,700,000						3,700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,700,000	0	3,700,000	0	0	0	0	0	3,700,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,700,000		3,700,000						3,700,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	3,700,000	0	3,700,000	0	0	0	0	0	3,700,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$295,830

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 3,040,516

Encumbered 197,333

Total \$3,237,849

PROJECT: City of Baltimore Raw Water Supply**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****W126719****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is a capital connection charge for an increase in allocation for raw water purchased from the City of Baltimore (COB) for the Abingdon Water Treatment Plant. This project will provide funding for an additional 5 to 25 mgd once approved by the COB.

PROJECT SCHEDULE:**PROJECT STATUS:**

The 5 mgd portion of this project was executed in September, 2012 by both parties. The City of Baltimore would now like to negotiate terms for the remaining increase of 5 to 15 mgd.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	3,300,000		3,300,000						3,300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,300,000	0	3,300,000	0	0	0	0	0	3,300,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,300,000		3,300,000						3,300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	3,300,000	0	3,300,000	0	0	0	0	0	3,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$308,142

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/15:

Expended 1,206,393

Encumbered 49,383

Total \$1,255,776

PROJECT: Construction Unanticipated 12**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****W126605****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to establish an account to provide funding for Harford County's water mains affected by the relocation of State Highways projects. Until a determination has been made as to who is responsible for these costs, the County needs the flexibility to be able to pay for these unanticipated relocations.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	300,000		300,000						300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	231,147
Encumbered	68,577
Total	\$299,724

PROJECT: Construction Unanticipated 15**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****W156605****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to establish an account to provide funding for Harford County's water mains affected by the relocation of the State Highways projects. Until a determination has been made as to who is responsible for these costs, the County needs the flexibility to be able to pay for these unanticipated relocations.

PROJECT SCHEDULE:

US Rt. 40 and Rt. 159 - construction advertisement scheduled for June 2015

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction	160,000		160,000						160,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	460,000	0	460,000	0	0	0	0	0	460,000

FUNDING SCHEDULE

R8750 Paygo	460,000		460,000						460,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	460,000	0	460,000	0	0	0	0	0	460,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	96,846
Encumbered	160,963
Total	\$257,809

PROJECT: HMAN (Harford County Metro Area Network)**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****O136732****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to use advanced telecommunications infrastructure to increase access to the web and other computer utilities for citizens, businesses and governmental entities within Harford County. The HMAN (Harford County Metro Area Network) will allow the consolidation of existing disparate communication networks into a single secure high speed IP network providing internet; Ethernet and voice over IP; serve as Harford County's communications backbone for all current and future technologies; reduction of cost for Harford County government and its sister organizations; complete coverage of the County for internet access and increased bandwidth for both governmental and private sector entities. This new architecture creates a multi-service network that provides the government, public safety, education, health care, commercial and residential users a single infrastructure, with complete sovereignty and security, on an advanced consolidated core backbone.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,220,000		1,220,000						1,220,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,220,000	0	1,220,000	0	0	0	0	0	1,220,000

FUNDING SCHEDULE

R8750 Paygo	1,220,000		1,220,000						1,220,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,220,000	0	1,220,000	0	0	0	0	0	1,220,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,077,438
Encumbered	32,562
Total	\$1,110,000

PROJECT: Magnolia Booster Station**WATER****COUNCIL DISTRICT: A****LOCATION: Magnolia****W106709****PROJECT DESCRIPTION / JUSTIFICATION:**

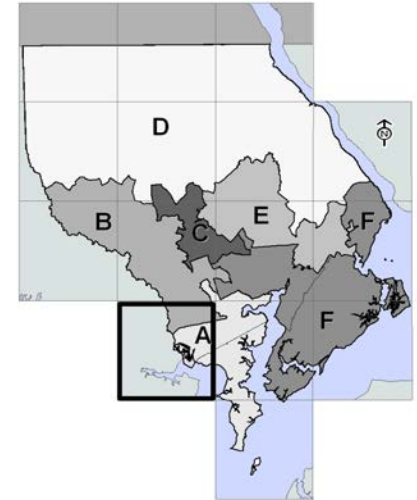
This project is to allow for the design and construction of a replacement of the existing hydro pneumatic tank to be housed aboveground within a new building, as well as to provide a replacement of the automatic telemetry system. This project will also convert constant speed domestic pumps to pumps with variable frequency drives to provide energy efficiency and operational control improvement, to better meet demands.

The existing tank has reached the end of its useful life and needs replacement prior to rupture.

PROJECT SCHEDULE:

FY 13 - FY 14: Design

FY 16: Construction

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	1,250,000		1,250,000						1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,450,000	0	1,450,000	0	0	0	0	0	1,450,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,450,000	0	1,450,000	0	0	0	0	0	1,450,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$143,438

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	53,568
Encumbered	94,485
Total	\$148,053

PROJECT: Tank Painting 12**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****W126668****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides the Division with the appropriations to paint and repair existing tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, and safety repairs, and repainting to extend the life of the asset. Currently there are 12 tanks in our system. A typical tank painting will last 10 to 12 years. The next three tanks in our system scheduled for painting are Abingdon, Fountain Green, and Magnolia.

PROJECT SCHEDULE:**PROJECT STATUS:**

Country walk to be painted Spring 2014

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	300,000		300,000						300,000
Total Cost	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8750 Paygo	120,823		120,823						120,823
R8089 Reappropriated Paygo	179,177		179,177						179,177
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	296,999
Encumbered	3,000
Total	\$299,999

PROJECT: Tank Painting FY 14

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

W146668

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides the Division with the appropriation to paint and repair the existing 13 water storage tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, safety repairs, and repainting to extend the life of the asset. A typical tank painting system will last 10 to 12 years.

PROJECT SCHEDULE:

FY 13: Abingdon

FY 14: Country Walk

FY 15: Bynum

FY 16: Fountain Green

PROJECT STATUS:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	500,000		500,000						500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R8750 Paygo	500,000		500,000						500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	0	0	0	0	0	500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	498,209
Encumbered	1,791
Total	<u>\$500,000</u>

PROJECT: Tank Painting FY 15

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

W156668

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides the Division with the appropriation to paint and repair the existing 13 water storage tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, safety repairs, and repainting to extend the life of the asset. A typical tank painting system will last 10 to 12 years.

PROJECT SCHEDULE:

FY 14: Country Walk

FY 15: Bynum

FY 16: Fountain Green

PROJECT STATUS:

Bynum tank ready for bid.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	800,000		800,000						800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	800,000	0	800,000	0	0	0	0	0	800,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
R8089 Reappropriated Paygo	500,000		500,000						500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	800,000	0	800,000	0	0	0	0	0	800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	454,311
Encumbered	76,425
Total	<u>\$530,736</u>

PROJECT: Tank Painting FY 16

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

W166668

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides the Division with the appropriation to paint and repair the existing 13 water storage tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, safety repairs, and repainting to extend the life of the asset. A typical tank painting system will last 10 to 12 years.

PROJECT SCHEDULE:

FY 15: Bynum

FY 16: Fountain Green



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	700,000		700,000						700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	700,000	0	700,000	0	0	0	0	0	700,000

FUNDING SCHEDULE

R8750 Paygo	700,000		700,000						700,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	700,000	0	700,000	0	0	0	0	0	700,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

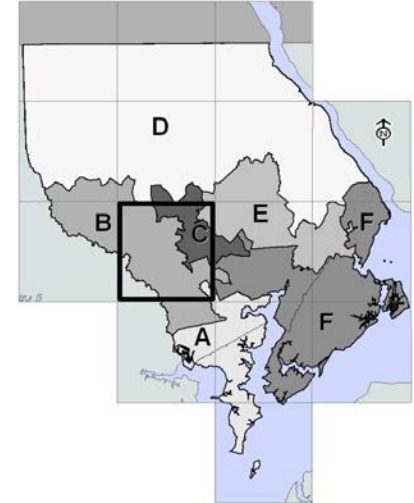
Expended	0
Encumbered	0
Total	\$0

PROJECT: Tollgate Road Water Main Parallel 15**WATER****COUNCIL DISTRICT: B****LOCATION: Tollgate Road near Country Walk****W156701****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for the updated design and construction of approximately 3,100 linear feet of 24 inch water transmission main parallel from Wheel Road to Evergreen Farm. This project is part of the conveyance system to get water to Bynum and Hickory II.

PROJECT SCHEDULE:**PROJECT STATUS:**

Design complete and this project is growth dependent.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,292,227		1,292,227						1,292,227
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,292,227	0	1,292,227	0	0	0	0	0	1,292,227

FUNDING SCHEDULE

R7100 Prior Bonds	1,000,000		1,000,000						1,000,000
R7148 Reappropriated Prior Bonds	292,227		292,227						292,227
			0						0
			0						0
			0						0
			0						0
Total Funds	1,292,227	0	1,292,227	0	0	0	0	0	1,292,227

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$100,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: Underground and Aboveground Storage Tank Management**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****O156002****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this capital project is for the inspection, design and construction to replace, repair and retrofit the various aboveground and underground storage tanks maintained by Harford County for improved safety and reliability.

PROJECT SCHEDULE:

FY15 - upgrade and repair identified in the annual SPCC (Spill Prevention, Control and Countermeasure) inspections

ALL YEARS - required inspections and any corresponding repairs and upgrades to maintain compliance with EPA and MDE regulations

PROJECT STATUS:

This project is ongoing.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	5,000		5,000						5,000
Land Acquisition									0
Construction	15,000		15,000						15,000
Inspection Fees									0
Equipment/Furnishing	30,000		30,000						30,000
Total Cost	50,000	0	50,000	0	0	0	0	0	50,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000						50,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	0	0	0	0	0	50,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	0
Encumbered	5,424
Total	\$5,424

PROJECT: Water and Sewer Billing Project**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****O156007****PROJECT DESCRIPTION / JUSTIFICATION:**

This capital project is to procure and implement a replacement Water and Sewer Utility Billing System. The current billing system is over 30 years old and is based on a previous legacy software system. Because of the expense, maintenance efforts and potential risk of business interruption associated with this technology a replacement application is required. The current system receives revenues of approximately \$27 million annually. Any future general system failure would result in not properly collecting the revenues in a timely manner. A new replacement system would have enhancements that would improve the business process of collecting revenue and improving customer service to over 43,600 water and sewer customers.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,500,000		1,500,000						1,500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000

FUNDING SCHEDULE

R8750 Paygo	1,500,000		1,500,000						1,500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Water Meter Upgrade**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****W136729****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the purchase and installation of replacement water meters and encoder, receiver, transmitter (ERT) to enable the meters to be read more efficiently by vehicle mounted radio systems. This project will convert the approximately 7,000 remaining older meters to provide for improved efficiency in terms of read time.

PROJECT SCHEDULE:

Estimated 7,000 upgrades needed
6,100 completed with 900 to be done in FY 15

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000						270,000
Inspection Fees			0						0
Equipment/Furnishing	940,000		940,000						940,000
Total Cost	1,210,000	0	1,210,000	0	0	0	0	0	1,210,000

FUNDING SCHEDULE

R8750 Paygo	1,210,000		1,210,000						1,210,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,210,000	0	1,210,000	0	0	0	0	0	1,210,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 1,079,716

Encumbered 0

Total \$1,079,716



Abingdon Water Treatment Plant

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2017	FY 2018	FIVE YEAR CAPITAL PROGRAM			
					FY 2019	FY 2020	FY 2021	FY 2022
WATER & SEWER FUND								
SEWER PROJECTS								
<u>FY 17 Funded Projects:</u>								
Bill Bass PS FM Replacement	11,200,384	700,384	200,000	5,150,000	5,150,000	0	0	0
Bio Solids Facilities Enhancements	4,650,000	0	900,000	3,750,000	0	0	0	0
Bynum Ridge Replacement Sewer	415,000	200,000	40,000	0	0	0	0	175,000
Bynum Run Interceptor Phase 6&7	16,466,340	9,066,340	400,000	0	3,500,000	3,500,000	0	0
Fallston Sanitation Sub-District Sewer Capacity Study	300,000	0	300,000	0	0	0	0	0
Ring Factory PS and Fairwind Farms Abandonment	1,360,000	960,000	400,000	0	0	0	0	0
Sod Run Facility Improvements	7,100,000	3,300,000	(200,000)	0	1,300,000	1,000,000	700,000	1,000,000
<u>Outyear Projects:</u>								
Ah-Ha Collector Upgrade	1,950,000	0	0	0	0	0	950,000	1,000,000
Edgewood Interceptor Sewer Parallel	14,600,000	500,000	0	0	0	3,600,000	10,500,000	0
Infiltration and Inflow	650,000	350,000	0	100,000	0	100,000	0	100,000
Renewal and Replacement Sewer Infrastructure	2,000,000	800,000	0	0	300,000	300,000	300,000	300,000
<u>Open Projects:</u>								
Bush Creek Pump Station	28,400,000	28,400,000	0	0	0	0	0	0
ENR Refinement at Sod Run	57,500,000	57,500,000	0	0	0	0	0	0
Green Ridge Pump Station Replacement	1,500,000	1,500,000	0	0	0	0	0	0
Harford WWTP Facility Improvements	885,000	885,000	0	0	0	0	0	0
Joppatowne Pump Station No. 47	4,050,000	4,050,000	0	0	0	0	0	0
Lower Bynum Run	9,640,000	9,640,000	0	0	0	0	0	0
Oaklyn Manor/Joppa Area Sewer Relief	1,950,300	1,950,300	0	0	0	0	0	0
Town Center Drive Pump Station Replacement	350,000	350,000	0	0	0	0	0	0
Utility Protection/Restoration	500,000	500,000	0	0	0	0	0	0
Sewer Total by Project	165,467,024	120,652,024	2,040,000	9,000,000	10,250,000	8,500,000	12,450,000	2,575,000
Paygo	9,289,620	7,174,620	440,000	100,000	300,000	400,000	300,000	575,000
Prior Paygo	300,000	0	300,000	0	0	0	0	0
Future Bonds	42,200,000	0	1,100,000	8,900,000	9,950,000	8,100,000	12,150,000	2,000,000
Prior Bonds	65,139,520	65,049,802	89,718	0	0	0	0	0
Reappropriated	610,566	500,284	110,282	0	0	0	0	0
State	46,400,000	46,400,000	0	0	0	0	0	0
Federal	1,250,300	1,250,300	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Developer	277,018	277,018	0	0	0	0	0	0
Sewer Total by Fund	165,467,024	120,652,024	2,040,000	9,000,000	10,250,000	8,500,000	12,450,000	2,575,000

FY 17 APPROVED CAPITAL BUDGET													
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

WATER & SEWER FUND

SEWER PROJECTS

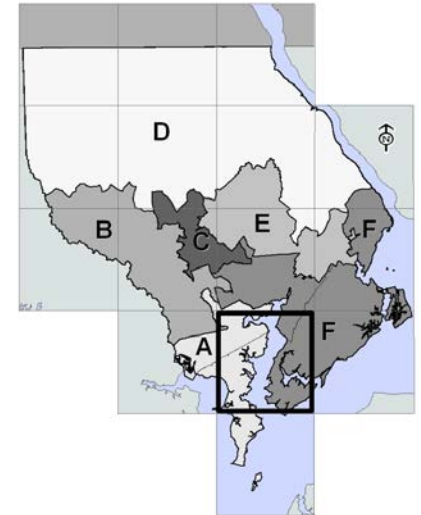
Bill Bass Sewer Replacement	200,000	0	0	89,718	0	110,282	0	0	0	0	0	0	0
Bio Solids Facilities Enhancements	900,000	200,000	0	0	700,000	0	0	0	0	0	0	0	0
Bynum Ridge Replacement Sewer	40,000	0	40,000	0	0	0	0	0	0	0	0	0	0
Bynum Run Interceptor Phase 6&7	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0
Fallston Sanitation Sub-District Sewer Capacity Study	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0
Ring Factory ES and Fairwind Farms Abandonment	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	(200,000)	(200,000)	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER PROJECTS	2,040,000	300,000	440,000	89,718	1,100,000	110,282	0	0	0	0	0	0	0

PROJECT: Bill Bass PS FM Replacement**SEWER****COUNCIL DISTRICT: A****LOCATION: Edgewood****S136730****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for the funding of design and construction of a new replacement force main (installed in 1969) to the Bill Bass Pump Station. By adding a larger force main, the pump station's capacity can be increased from 15.4 MGD to over 18 MGD. During the design, the existing FM will be looked at to consider a rehabilitation of the existing line in case of an emergency. The existing FM is 10,500 of 24 inch main of which 3,800 LF is a river crossing.

PROJECT SCHEDULE:**PROJECT STATUS:**

Prior bond funding in the amount of \$89,718 is from Water and Sewer bond recovery; and Reappropriated funding in the amount of \$110,282 is from Water and Sewer recovery.

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	700,384		700,384						700,384
Land Acquisition		200,000	200,000						200,000
Construction			0	5,000,000	5,000,000				10,000,000
Inspection Fees			0	150,000	150,000				300,000
Equipment/Furnishing			0						0
Total Cost	700,384	200,000	900,384	5,150,000	5,150,000	0	0	0	11,200,384

FUNDING SCHEDULE

R7100 Prior Bonds	700,384	89,718	790,102						790,102
R8770 Reappropriated		110,282	110,282						110,282
R7000 Future Bonds			0	5,150,000	5,150,000				10,300,000
			0						0
			0						0
			0						0
Total Funds	700,384	200,000	900,384	5,150,000	5,150,000	0	0	0	11,200,384

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$24,500

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	38,314
Encumbered	0
Total	\$38,314

PROJECT: Bio Solids Facilities Enhancements**SEWER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****NEW****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to fund the enhancements to our bio solids treatment facilities and bio solids recycling/disposal program. Biosolids (processed residuals from the treatment of domestic wastewater) contain nutrients and other qualities that improve soils and make them highly desirable to many area farmers within Harford County and elsewhere in MD. However, nutrient controls being imposed by the State Department of Agriculture and MDE to help protect the Chesapeake Bay are dramatically affecting the ability to recycle these materials. Reduced application rates and time of year restrictions will create a significant impact to our program. A study was initiated in 2013 to investigate and evaluate cost effective, environmentally sound and socially acceptable alternatives for our bio solids program. The study will recommend advances to our solids treatment train, nutrient recovery, enhanced drying dewatering, storage, beneficial utilization and optimization of biogas, and beneficial reuse/recycling or disposal options will be addressed.

PROJECT SCHEDULE:**PROJECT STATUS:**

Study 85% complete

Paygo funding in the amount of \$200,000 has been reappropriated from the Sod Run Facility Improvements capital project (S126724).

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		900,000	900,000	450,000					1,350,000
Land Acquisition			0						0
Construction			0	3,000,000					3,000,000
Inspection Fees			0	300,000					300,000
Equipment/Furnishing			0						0
Total Cost	0	900,000	900,000	3,750,000	0	0	0	0	4,650,000

FUNDING SCHEDULE

R7000 Future Bonds		700,000	700,000	3,750,000					4,450,000
R8750 Prior Paygo		200,000	200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	900,000	900,000	3,750,000	0	0	0	0	4,650,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total

\$0

PROJECT: Bynum Ridge Replacement Sewer**SEWER****COUNCIL DISTRICT: D****LOCATION: Rock Spring****S156010****PROJECT DESCRIPTION / JUSTIFICATION:**

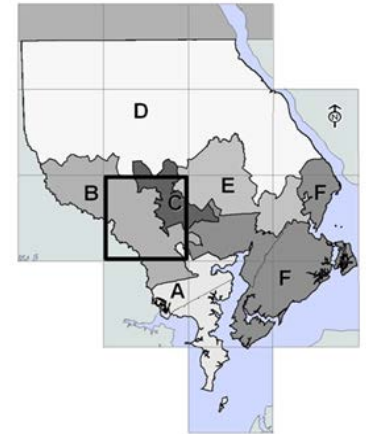
This project is located in the Bynum Ridge subdivision adjacent to Bowles Terrace and consists of two phases. This project will cover the County's recoupment contribution for the replacement of the existing sewer line. The existing sewer line is at capacity and requires a larger capacity sewer pipe for future growth. The cost of the project for increase in capacity is the Developer's responsibility and is in accordance with the Rules and Regulations.

Phase 1 - consists of approximately 835' of 15 inch sewer which replaces the 12 inch sewer between lots 16 to 20 and 28 to 33, built under contract 6010

Phase 2 - consists of approximately 795' of 15 inch sewer which replaces the 12 inch sewer between lots 13 to 16 and 20 to 27, built under contract 6010

PROJECT SCHEDULE:

Construction Spring of 2016

**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		40,000	40,000						40,000
Land Acquisition			0						0
Construction	200,000		200,000					175,000	375,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	40,000	240,000	0	0	0	0	175,000	415,000

FUNDING SCHEDULE

R8750 Paygo	200,000	40,000	240,000					175,000	415,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	40,000	240,000	0	0	0	0	175,000	415,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

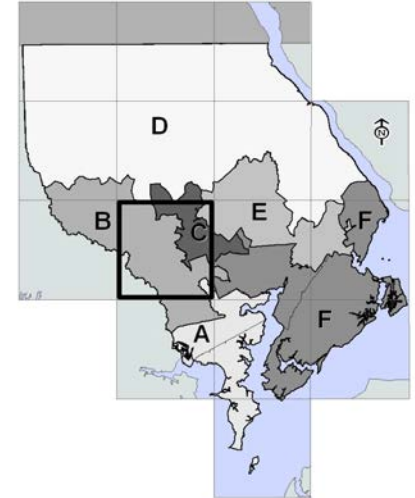
Expended

Encumbered

Total \$0

PROJECT: Bynum Run Interceptor Phase 6&7**SEWER****COUNCIL DISTRICT: C****LOCATION: Emmorton****S096703****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for the funding of design, permits, and construction of a parallel to the existing Bynum Run interceptor, from Wheel Road to the Plumt Interceptor, near MacPhail. This project consists of two phases. Phase 6 is approximately 5,200 LF from GIS Asset ID manhole #104091 and traverse from Wheel Road to Patterson Mill Road. Phase 7 is approximately 6,400 LF from GIS Asset ID manhole #104091 to manhole #104200 and runs from near Patterson Mill Road to MacPhail Road. This project is required to ensure capacity for new connections in the Development Envelope surrounding Bel Air and to help avoid sanitary sewer overflows.

**PROJECT SCHEDULE:**

FY 10-12 Alignment study
 FY 12 - 13 Design Phase 7
 FY 14 Final condemnation for easement
 8/19 Final easement cleared
 FY16 Construction Phase 7
 FY 16 Begin Design Phase 6

PROJECT STATUS:

Bidding Period on going
 Start Construction March 2016

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,370,000		1,370,000						1,370,000
Land Acquisition			0						0
Construction	7,696,340	400,000	8,096,340		3,500,000	3,500,000			15,096,340
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	9,066,340	400,000	9,466,340	0	3,500,000	3,500,000	0	0	16,466,340

FUNDING SCHEDULE

R7100 Prior Bonds	8,593,170		8,593,170						8,593,170
R7000 Future Bonds		400,000	400,000		3,500,000	3,500,000			7,400,000
R8089 Reappropriated Paygo	473,170		473,170						473,170
			0						0
			0						0
			0						0
Total Funds	9,066,340	400,000	9,466,340	0	3,500,000	3,500,000	0	0	16,466,340

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$835,535

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	384,734
Encumbered	63,446
Total	\$448,180

PROJECT: Fallston Sanitation Sub-District Sewer Capacity Study**SEWER****COUNCIL DISTRICT: B****LOCATION: Fallston****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project includes a comprehensive engineering study of the capacity of the existing and potentially expanded Fallston Sanitary Sub-District (SSD) sewer service area. The study will include identifying the system improvements that would be needed to potentially expand the service area considering different alternatives, providing project cost estimates, and evaluating funding and payment options for the properties benefited by the expanded service area.

PROJECT SCHEDULE:

Estimated award - July 2016

Estimated completion - June 2017

**PROJECT STATUS:**

Prior Paygo funding in the amount of \$300,000 has been reallocated from the Water and Sewer Authority capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design		300,000	300,000						300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	300,000	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8750 Prior Paygo		300,000	300,000						300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	300,000	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	295,318
Encumbered	535,682
Total	\$831,000

PROJECT: Ring Factory PS and Fairwind Farms Abandonment**SEWER****COUNCIL DISTRICT: C****LOCATION: Bel Air****S152968****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for the County's share of the construction of the new Ring Factory Sewer pump station that is being built by the developer of Magness Overlook subdivision and will allow for the eventual abandonment of the existing County-owned Fairwind Farms Sewage Pumping Station. The County's share of the cost will be for the increased size of the Ring Factory Station in accordance with the adopted policy in the County's W&S Rules and Regulations. In addition this project provides funds for the construction of a portion of the gravity sewer from the terminus of the Apple Tree Orchard gravity sewer to the Fairwind Farms SPS, approximately 620 feet of 8 inch sewer and provides for the funds to abandon the Fairwind Farms SPS.

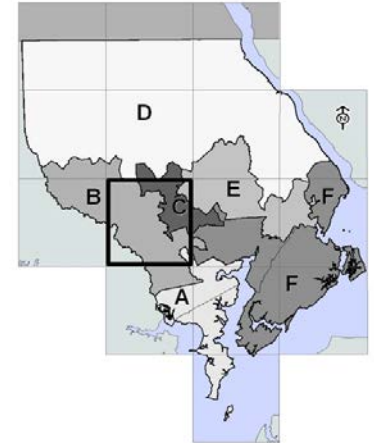
PROJECT SCHEDULE:

Ring Factory PS completed 9/2015

Appletree offsite sewer extensions 2016

Gravity Sewer extension from Appletree Offsite Sewer to Fairwind Farms SPS Spring 2016

County Abandonment of fall 2016

**PROJECT STATUS:**

Ring Factory PS completed 9/15

Appletree Orchard preparing design plans 8/15

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	50,000	100,000	150,000						150,000
Land Acquisition			0						0
Construction	910,000	300,000	1,210,000						1,210,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	960,000	400,000	1,360,000	0	0	0	0	0	1,360,000

FUNDING SCHEDULE

R8750 Paygo	960,000	400,000	1,360,000						1,360,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	960,000	400,000	1,360,000	0	0	0	0	0	1,360,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,662
Encumbered	0
Total	\$1,662

PROJECT: Sod Run Facility Improvements**SEWER****COUNCIL DISTRICT: F****LOCATION: Perryman****S126724****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for studies, design, and construction of improvements to various tanks, vaults, buildings, electrical systems, and instrumentation process equipment which is approaching the end of its useful life. It will also allow for the implementation of an Asset Management Program to organize and optimize a comprehensive work order, inventory, and schedule timely and efficient maintenance projects. Projects undertaken will extend the useful life of the asset by 10 to 20 years.

PROJECT SCHEDULE:

FY12 Longevity study completed

FY14 Hydraulic, Grit and Scum Study procured, HVAC and Roof improvements completed

FY15 Hydraulic, Grit, Scum and Concrete study completed. Phase 1 Concrete Improvements begin implementation. Bio - Solids Study Procured

FY17 Phase 2 of 3 Concrete, Phase 1 of 2 Effluent and Flow control design

FY18 Phase 3 of Concrete, Phase 2 of Effluent and Flow control design

FY19 Grit, Scum and Hydraulic improvements

PROJECT STATUS:

Studies completed Fall of 2014,

Concrete Phase 1 bids received

Bio Solids Study 85% complete.



Paygo funding in the amount of \$200,000 is being transferred to the Bio Solid Facilities Enhancements project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	350,000		350,000		200,000	250,000	150,000	150,000	1,100,000
Land Acquisition			0						0
Construction	2,950,000	(200,000)	2,750,000		1,100,000	750,000	550,000	850,000	6,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,300,000	(200,000)	3,100,000		1,300,000	1,000,000	700,000	1,000,000	7,100,000

FUNDING SCHEDULE

R8750 Paygo	1,700,000		1,700,000						1,700,000
R7100 Prior Bonds	1,600,000		1,600,000						1,600,000
R7000 Future Bonds			0		1,300,000	1,000,000	700,000	1,000,000	4,000,000
R8750 Prior Paygo		(200,000)	(200,000)						(200,000)
			0						0
			0						0
Total Funds	3,300,000	(200,000)	3,100,000	0	1,300,000	1,000,000	700,000	1,000,000	7,100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$163,901

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 1,245,601

Encumbered 55,511

Total \$1,301,112

OUTYEAR PROJECTS

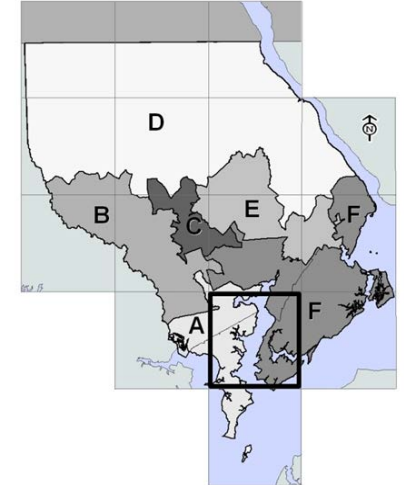
FY 18 - FY 22

PROJECT: Ah-Ha Collector Upgrade**SEWER****COUNCIL DISTRICT: A****LOCATION: Edgewood****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for the design and construction of the Ah-Ha Collector Relief sewer system in accordance with water and sewer adopted policy in rules and regulations. The existing collector is inadequate to provide capacity for the entire drainage area. Approximately 1,950 linear feet, beginning at the Winter's Run pump station and extending northward to manhole #102345, located near the West Shore Townhouse Community, requires added capacity.

PROJECT SCHEDULE:

NEW

PROJECT STATUS:**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0				300,000		300,000
Land Acquisition			0				150,000		150,000
Construction			0				500,000	1,000,000	1,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	950,000	1,000,000	1,950,000

FUNDING SCHEDULE

R7000 Future Bonds			0				950,000	1,000,000	1,950,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	950,000	1,000,000	1,950,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

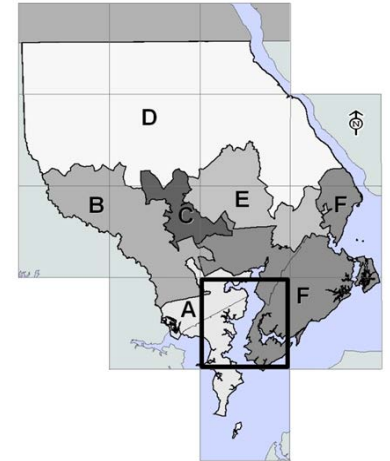
Expended

Encumbered

Total \$0

PROJECT: Edgewood Interceptor Sewer Parallel**SEWER****COUNCIL DISTRICT: A****LOCATION: Edgewood****S106712****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the design and construction of approximately 9,000 linear feet of 36 inch parallel sewer between Bill Bass Pump Station and contract #6044 (Winter's Run Outfall sewer).

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	400,000		400,000						400,000
Land Acquisition	100,000		100,000						100,000
Construction			0			3,100,000	10,000,000		13,100,000
Inspection Fees			0			500,000	500,000		1,000,000
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	0	0	3,600,000	10,500,000	0	14,600,000

FUNDING SCHEDULE

R7100 Prior Bonds	500,000		500,000						500,000
R7000 Future Bonds			0			3,600,000	10,500,000		14,100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	0	0	3,600,000	10,500,000	0	14,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$47,074

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	155,631
Encumbered	311,488
Total	\$467,119

PROJECT: Infiltration and Inflow**SEWER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****S106714****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to identify and locate major sources and execute recommended projects for rehabilitation of the existing sewers with excessive infiltration and inflow. Projects shall consist of studies and smoke testing with large scale televising. Large scale projects will be completed out of the Renewal and Replacement Capital Project and will consist of manhole repairs, sewer line grouting and line replacement and/or lining. This project will be used for the drainage system outside of Bynum Run.

PROJECT SCHEDULE:**PROJECT STATUS:**

Edgewood Interceptor, Joppatowne, Clayton Collector, and Pine Road area being televised.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	200,000		200,000	100,000		100,000		100,000	500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	350,000	0	350,000	100,000	0	100,000	0	100,000	650,000

FUNDING SCHEDULE

R8750 Paygo	291,450		291,450	100,000		100,000		100,000	591,450
R8089 Reappropriated Paygo	58,550		58,550						58,550
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	100,000	0	100,000	0	100,000	650,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	114,472
Encumbered	17,975
Total	\$132,447

PROJECT: Renewal and Replacement Sewer Infrastructure**COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****SEWER****S126726****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for design and construction to refurbish or replace major sewer mains, manholes, vaults, and apparatus that have reached or are nearing the end of their useful life.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is ongoing and is used as required when advanced deterioration of piping system is discovered through various field investigations.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	800,000		800,000		300,000	300,000	300,000	300,000	2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	800,000	0	800,000	0	300,000	300,000	300,000	300,000	2,000,000

FUNDING SCHEDULE

R8750 Paygo	400,000		400,000		300,000	300,000	300,000	300,000	1,600,000
R8089 Reappropriated Paygo	400,000		400,000						400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	800,000	0	800,000	0	300,000	300,000	300,000	300,000	2,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	113,458
Encumbered	0
Total	\$113,458

OPEN/ACTIVE PROJECTS

PROJECT: Bush Creek Pump Station**SEWER****COUNCIL DISTRICT: A****LOCATION: Abingdon****S086692****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is needed to bring the existing Bush Creek Pump Station up to a safe pumping capacity of 28 mgd and also to replace the 1968 force main under the Bush River. This project is required in order to safely deliver the current and projected wastewater flow to the Bynum Run drainage area. In addition, this project must construct part of the Sod Run Interceptor II and new gravity main through River Colony in Perryman.

PROJECT SCHEDULE:

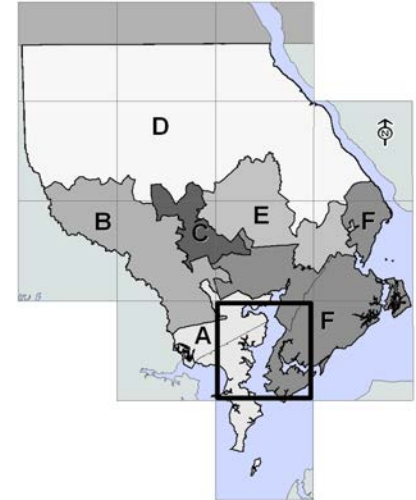
FY 12: Pump station complete

FY 14 - FY 15: Construction of force main and gravity sewer

FY 16: Rehabilitation to existing force main

PROJECT STATUS:

Gravity sewer currently under construction

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,983,283		1,983,283						1,983,283
Land Acquisition			0						0
Construction	26,416,717		26,416,717						26,416,717
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	28,400,000	0	28,400,000	0	0	0	0	0	28,400,000

FUNDING SCHEDULE

R8750 Paygo	1,900,000		1,900,000						1,900,000
R7100 Prior Bonds	26,500,000		26,500,000						26,500,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
Total Funds	28,400,000	0	28,400,000	0	0	0	0	0	28,400,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,532,141

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

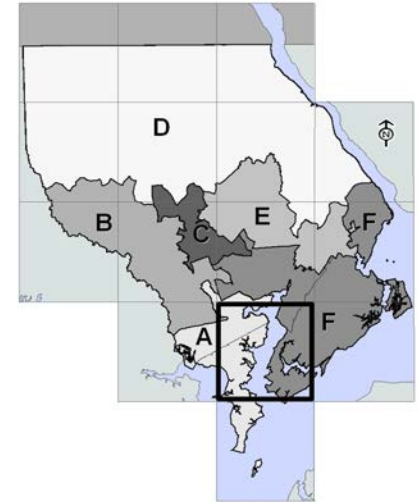
Expended 20,913,619

Encumbered 4,322,727

Total \$25,236,346

PROJECT: ENR Refinement at Sod Run**SEWER****COUNCIL DISTRICT: F****LOCATION: Perryman****S076637****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to provide for a detailed feasibility study, design, and construction to meet State and Federal TMDL requirements for nutrient reductions in the Chesapeake Bay. The upgrade of wastewater treatment plants is called Enhanced Nutrient Removal (ENR) and will reduce total nitrogen and total phosphorus concentration to 3 mg/l and 0.3 mg/l respectively. This project must be accomplished in order to comply with the Chesapeake Bay initiative and Harford County's NPDES discharge permit. Approximately 80% of the cost of this project is expected to be funded by a grant from the Bay Restoration Fund administered by the Maryland Department of the Environment.

**PROJECT SCHEDULE:**

FY 09: Study completed
 FY 10: MDE negotiation
 FY 11: Design
 FY 12 - FY 14: Construction
 FY 15: Project closeout, MDE grant

PROJECT STATUS:

Construction complete; project close out phase

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	6,250,000		6,250,000						6,250,000
Land Acquisition			0						0
Construction	51,250,000		51,250,000						51,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	57,500,000	0	57,500,000	0	0	0	0	0	57,500,000

FUNDING SCHEDULE

R7100 Prior Bonds	11,100,000		11,100,000						11,100,000
R3399 State Other	46,400,000		46,400,000						46,400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	57,500,000	0	57,500,000	0	0	0	0	0	57,500,000

OPERATING BUDGET IMPACT:

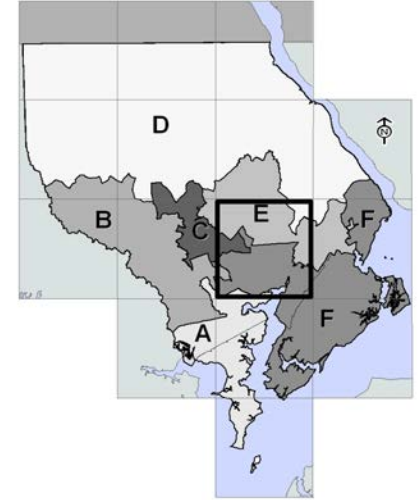
Estimated Annual Debt Service Cost: \$993,955
 Annual Operating/Maintenance Cost: >\$500,000
 New Positions (FTE's): 3-6

Financial Activity as of 1/5/16:

Expended	44,607,691
Encumbered	2,945
Total	\$44,610,636

PROJECT: Green Ridge Pump Station Replacement**SEWER****COUNCIL DISTRICT: E****LOCATION: Fountain Green****S106713****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the design and construction of a replacement pump station in Green Ridge. The existing pump station was originally built in the 1970's and has reached the end of its useful life. This project entails a complete pump station replacement including wetwell/drywell configuration, control building, emergency generators, water meters, odor control, and other ancillary equipment. Pump station capacity shall remain at 340 GPM.

**PROJECT SCHEDULE:**

FY 12: design complete

FY 13: construction

PROJECT STATUS:

Design is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	1,500,000		1,500,000						1,500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,500,000		1,500,000						1,500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$128,807

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/2014:

Expended	397,050
Encumbered	677,300
Total	\$1,074,350

PROJECT: Harford WWTP Facility Improvements**SEWER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****S136731****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for treatment process enhancements to be installed at Joppatowne and Sod Run Wastewater Treatment Plants. A portion of the funding requirement (55%) is coming from a SAAP Federal Grant and will be used to offset the design and construction necessary to install process enhancement equipment at these plants. Such projects include, but not limited to UV installation and outfall improvements at Joppatowne and FOG separation at Sod Run.

PROJECT SCHEDULE:**PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	885,000		885,000						885,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	885,000	0	885,000	0	0	0	0	0	885,000

FUNDING SCHEDULE

R3199 Federal Other	485,000		485,000						485,000
R8750 Paygo	400,000		400,000						400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	885,000	0	885,000	0	0	0	0	0	885,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	5,547
Encumbered	0
Total	<u>\$5,547</u>

PROJECT: Joppatowne Pump Station No. 47**SEWER****COUNCIL DISTRICT: A****LOCATION: Joppatowne****S056665****PROJECT DESCRIPTION / JUSTIFICATION:**

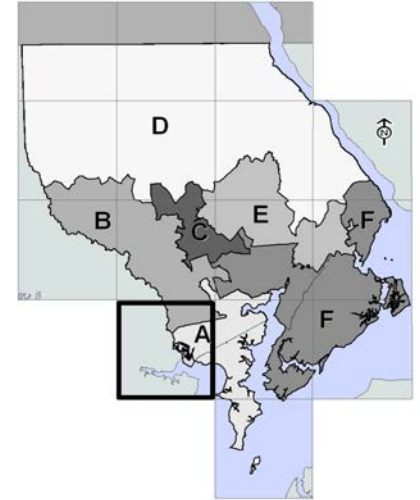
This project, once completed, will permanently direct all sewage flow from pump station #47 into the Joppatowne WWTP. Currently, this pump station is required to pump in two directions, Joppatowne and the Pine Road pumping station. The purpose of this permanent diversion is to maximize the amount of flow into the Joppatowne WWTP and to free up additional capacity at the Pine Road pump station. The project entails replacing the existing 700 GPM pump with two 1,280 GPM pumps, motors, VFD's and piping realignments. The project will also provide redundancy in pumping to the WWTP by supplying a back-up pump.

PROJECT SCHEDULE:

FY 15 - pump station construction

PROJECT STATUS:

ENR at Joppatowne complete; gravity sewer/force main complete; pump station #47 is 95% complete in design

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	3,800,000		3,800,000						3,800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,050,000	0	4,050,000	0	0	0	0	0	4,050,000

FUNDING SCHEDULE

R7100 Prior Bonds	4,050,000		4,050,000						4,050,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	4,050,000	0	4,050,000	0	0	0	0	0	4,050,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$386,578

Annual Operating/Maintenance Cost: N/A

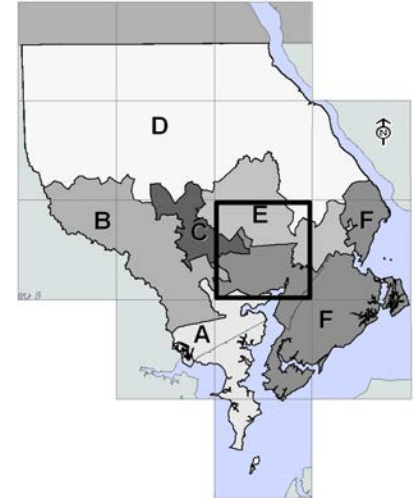
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	295,066
Encumbered	342,794
Total	\$637,860

PROJECT: Lower Bynum Run**SEWER****COUNCIL DISTRICT: F****LOCATION: Abingdon****S036634****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for the funding and construction of a parallel to the existing Bynum Run Interceptor, from the Bush Creek Pump Station to MH#20, approximately 4,420 linear feet of 36" sewer construction. This project will also include paralleling of approximately 330 linear feet of 36" sewer from South of Route 7 to the south side of I-95.

**PROJECT SCHEDULE:****PROJECT STATUS:**

Construction complete
Requires remaining bond funds

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction	9,290,000		9,290,000						9,290,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	9,640,000	0	9,640,000	0	0	0	0	0	9,640,000

FUNDING SCHEDULE

R6330 Developer	97,018		97,018						97,018
R8089 Reappropriated Paygo	41,734		41,734						41,734
R7100 Prior Bonds	9,501,248		9,501,248						9,501,248
			0						0
			0						0
			0						0
Total Funds	9,640,000	0	9,640,000	0	0	0	0	0	9,640,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$739,503

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 8,408,812

Encumbered 85,397

Total \$8,494,209

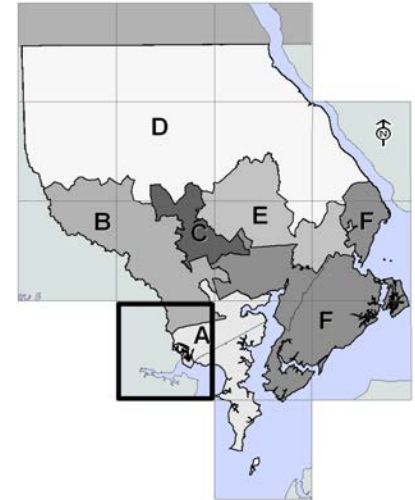
PROJECT: Oaklyn Manor/Joppa Area Sewer Relief**SEWER****COUNCIL DISTRICT: A****LOCATION: Joppa****S137016****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall provide for the construction of a relief sewer to be installed along Joppa Farm Road from the terminus of the force main from PS#47 running to the Joppatowne WWTP so that additional wastewater can be treated at the treatment plant, thereby allowing the ability for additional capacity to be recovered at the Pine Road PS. This relief sewer, along with control modification at PS#47, will provide the capacity necessary so that those properties north of the CSX railroad can gravity flow into Pine Road pump station. This project shall also provide the local share, through an EPA grant, to extend gravity sewer under the CSX Railroad from Joppa Rt. 40 pump station #52 heading north towards Oaklyn Manor/Joppa Area and running parallel in BG&E property, crossing under an unnamed stream to its terminus on the other side of the stream. At this point local development can extend the system both West and East to facilitate the eventual abandonment of existing septic systems which flow gravity toward Route 40.

PROJECT SCHEDULE:**PROJECT STATUS:**

Phase A complete

Phase B on hold; awaiting developer agreement

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,950,300		1,950,300						1,950,300
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,950,300	0	1,950,300	0	0	0	0	0	1,950,300

FUNDING SCHEDULE

R3199 Federal Other	765,300		765,300						765,300
R7100 Prior Bonds	1,005,000		1,005,000						1,005,000
R6330 Developer	180,000		180,000						180,000
			0						0
			0						0
			0						0
Total Funds	1,950,300	0	1,950,300	0	0	0	0	0	1,950,300

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$87,098

Annual Operating/Maintenance Cost: N/A

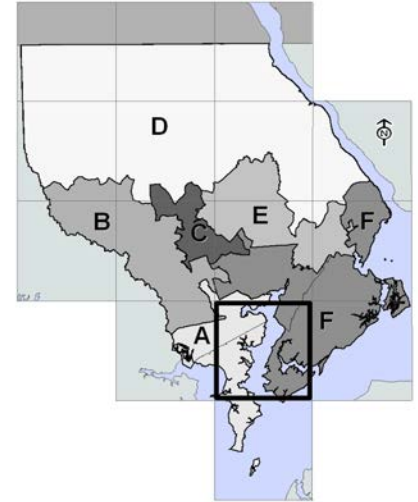
New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	1,464,291
Encumbered	0
Total	\$1,464,291

PROJECT: Town Center Drive Pump Station Replacement**SEWER****COUNCIL DISTRICT: A****LOCATION: Joppatowne****S146737****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will allow for the design and construction of a replacement pump station in Joppatowne. The existing pump station was originally built in the 1960's and has reached the end of its useful life. This project entails a complete pump station replacement including wetwell/drywell configuration, control building emergency generator, water meter, odor control, and other ancillary equipment. Pump station capacity will remain at 690 gpm.

**PROJECT SCHEDULE:****PROJECT STATUS:****EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2020	
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	350,000	0	350,000	0	0	0	0	0	350,000

FUNDING SCHEDULE

R8750 Paygo	350,000		350,000						350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	0	0	0	350,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Utility Protection/Restoration

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

SEWER

S086698

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall allow for the study, design, and construction of stream protection where the streams are impacting or threatening to impact our utilities.

PROJECT SCHEDULE:

PROJECT STATUS:

This project is under design.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2017 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	250,000		250,000						250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R8750 Paygo	500,000		500,000						500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	0	0	0	0	0	500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 1/5/16:

Expended 215,880

Encumbered 0

Total \$215,880

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