

*... a new path forward by
restoring balance and fiscal
responsibility for our
citizens & employees*

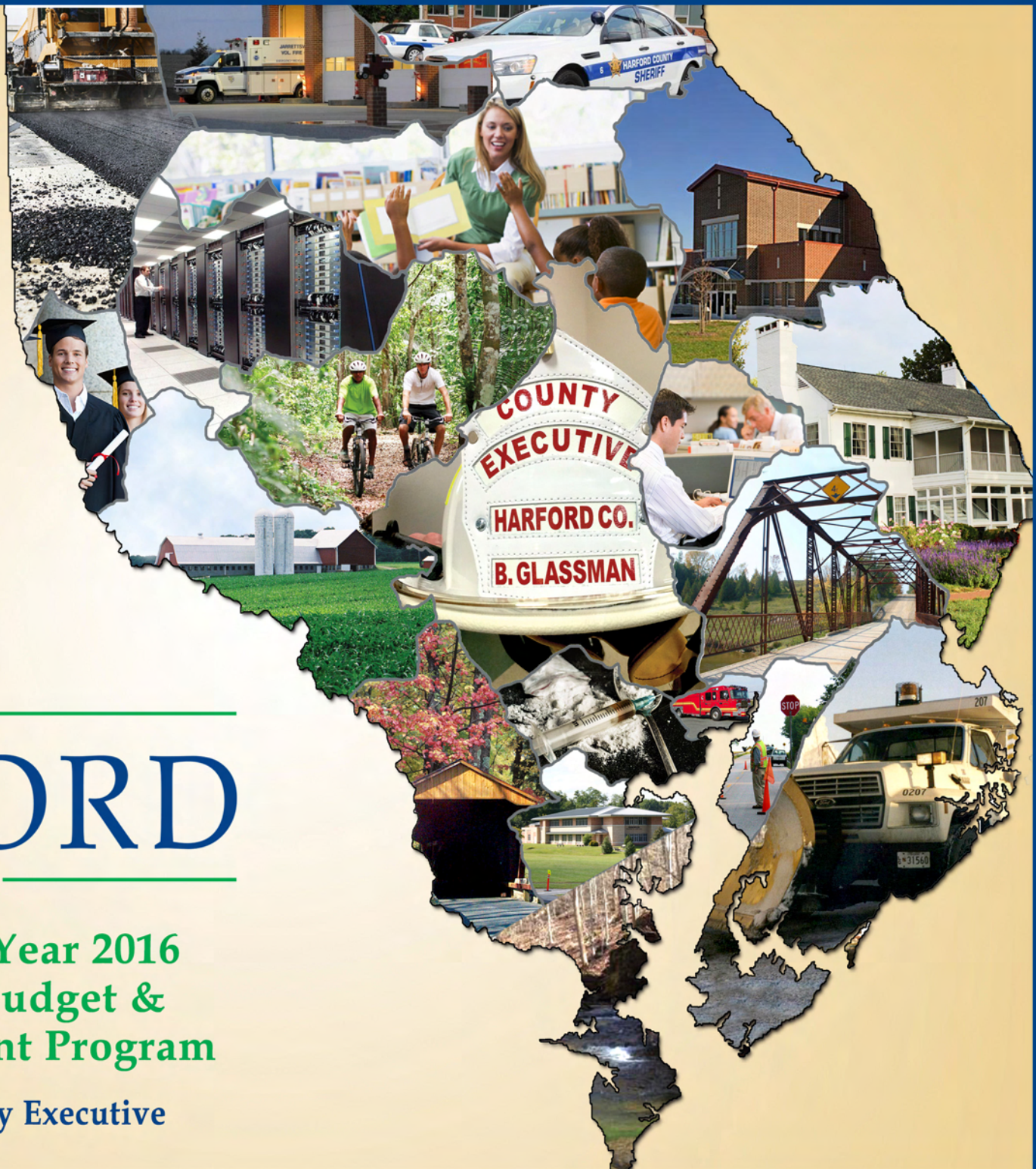


HARFORD

COUNTY

Approved Fiscal Year 2016 Annual Capital Budget & Capital Improvement Program

Barry Glassman, County Executive



Harford County, Maryland

Approved Annual Capital Budget and Capital Improvement Program Fiscal Year 2015 - 2016



COUNTY EXECUTIVE
BARRY GLASSMAN

Director of Administration
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HARFORD COUNTY COUNCIL

Council President
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

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



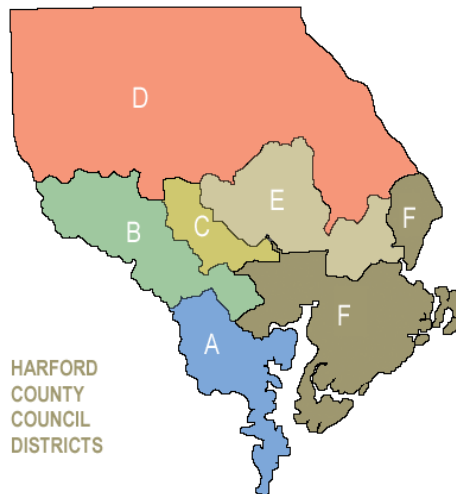
Chad Shrodes
District D



Patrick S. Vincenti
District E



James "Capt'n Jim" McMahan
District C



Curtis L. Beulah
District F



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
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**Harford County
Maryland**

For the Fiscal Year Beginning

July 1, 2014

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.

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**HARFORD COUNTY, MARYLAND
ANNUAL APPROVED CAPITAL BUDGET AND CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2015-2016
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Harford County's Sunflower Fields

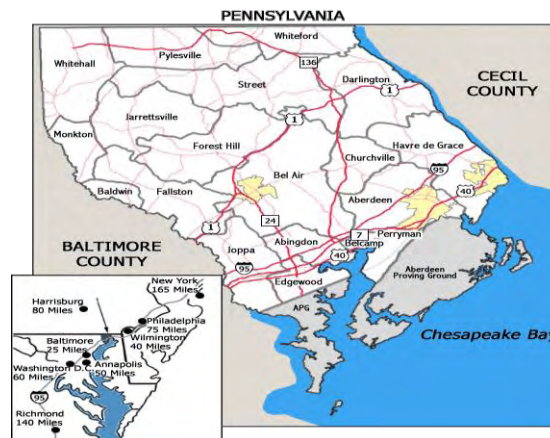
INTRODUCTION

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.

INTRODUCTION

- 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.

INTRODUCTION

- 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.

INTRODUCTION

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.

INTRODUCTION

- 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

INTRODUCTION

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):

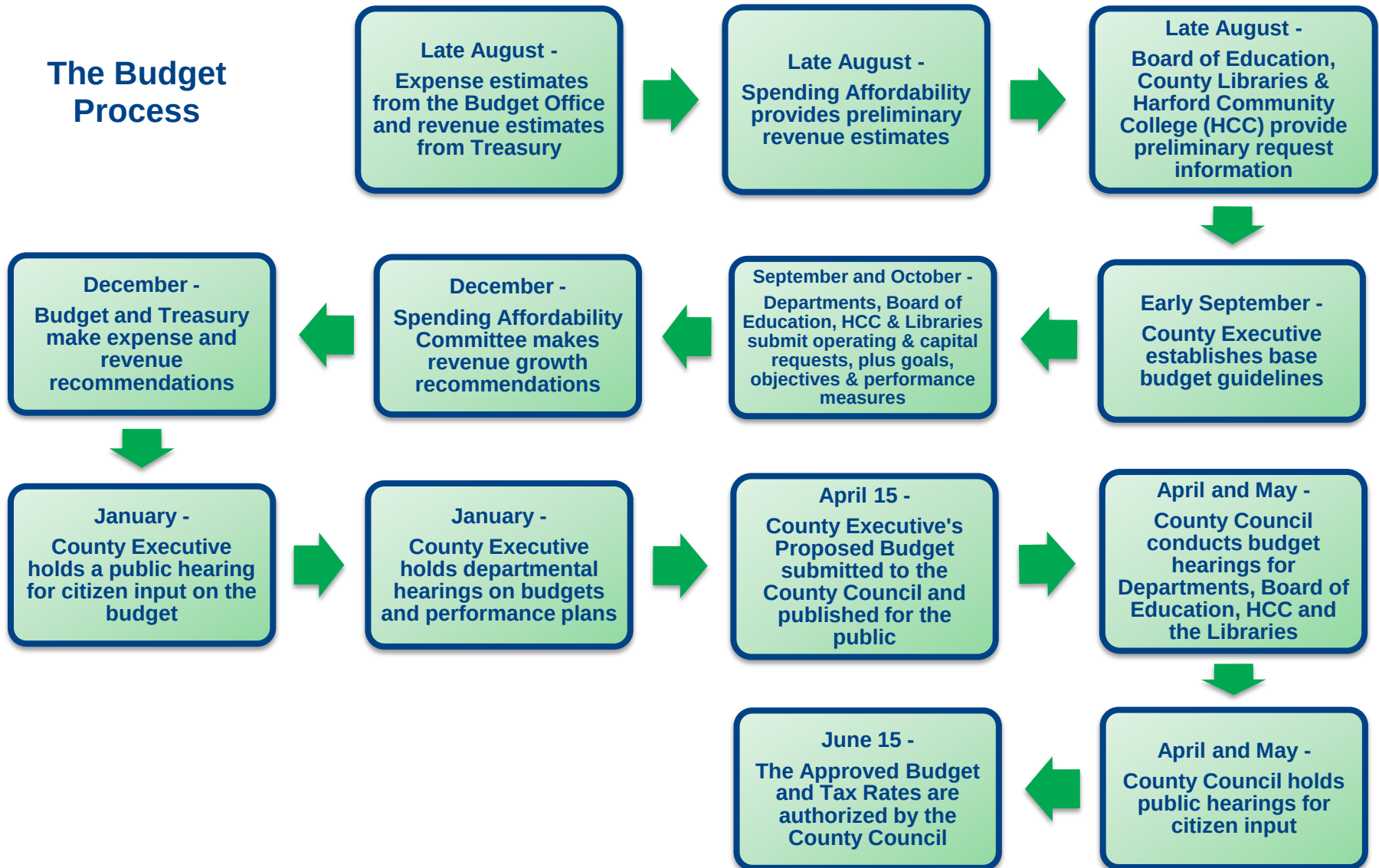
Type of Residential Development

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 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

TOTAL COUNTY BY CATEGORY

GENERAL FUND

General Capital	218,227,631	174,395,578	23,907,053	4,475,000	4,700,000	3,675,000	3,550,000	3,525,000
Water Resources	71,175,924	17,275,924	9,250,000	9,000,000	9,000,000	9,000,000	9,000,000	8,650,000
Sheriff/Emergency/Fire	120,451,210	115,751,210	650,000	950,000	700,000	950,000	850,000	600,000
Harford Community College	36,564,553	22,862,553	2,052,000	8,250,000	250,000	250,000	250,000	2,650,000
Library	21,497,807	19,697,807	1,300,000	100,000	100,000	100,000	100,000	100,000
Board of Education	667,710,951	493,086,951	28,024,000	45,300,000	47,150,000	19,550,000	9,750,000	24,850,000

SUB-TOTAL GENERAL FUND PROJECTS	1,135,628,076	843,070,023	65,183,053	68,075,000	61,900,000	33,525,000	23,500,000	40,375,000

SOLID WASTE SERVICES

	70,519,766	60,319,766	3,000,000	3,500,000	3,000,000	350,000	0	350,000

TAX INCREMENT FINANCING

	25,714,036	25,714,036	0	0	0	0	0	0

TOTAL GENERAL FUND PROJECTS	1,231,861,878	929,103,825	68,183,053	71,575,000	64,900,000	33,875,000	23,500,000	40,725,000

PARKS & RECREATION

	128,401,020	65,803,020	5,688,000	7,570,000	14,500,000	8,065,000	7,730,000	19,045,000

HIGHWAYS FUND

Bridges	50,440,008	27,366,268	1,988,740	4,000,000	6,595,000	4,400,000	2,720,000	3,370,000
Roadways	41,137,748	30,774,330	(936,582)	4,375,000	2,400,000	1,725,000	1,925,000	875,000
Resurfacing	54,181,402	22,888,560	5,292,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000
Other	25,328,953	15,680,203	3,071,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000

TOTAL HIGHWAYS PROJECTS	171,088,111	96,709,361	9,416,250	14,067,500	15,787,500	12,917,500	11,295,000	10,895,000

WATER & SEWER FUNDS

Water Projects	127,019,877	110,098,627	5,656,250	2,425,000	3,195,000	2,545,000	1,700,000	1,400,000
Sewer Projects	195,816,717	144,601,717	2,390,000	9,250,000	22,800,000	10,300,000	5,700,000	775,000

TOTAL WATER & SEWER PROJECTS	322,836,594	254,700,344	8,046,250	11,675,000	25,995,000	12,845,000	7,400,000	2,175,000

COUNTY TOTAL BY PROJECTS	1,854,187,603	1,346,316,550	91,333,553	104,887,500	121,182,500	67,702,500	49,925,000	72,840,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

TOTAL COUNTY BY FUND SOURCE

Paygo	305,806,146	192,811,146	17,837,500	20,417,500	21,492,500	18,987,500	19,085,000	15,175,000
Impact Fee	0	0	0	0	0	0	0	0
Future Bonds	250,234,000	0	33,355,000	57,140,000	76,359,000	32,690,000	15,430,000	35,260,000
Prior Bonds	754,595,284	754,595,284	0	0	0	0	0	0
Reappropriated	49,963,384	46,491,331	3,472,053	0	0	0	0	0
Transfer Tax	46,409,204	40,009,204	6,400,000	0	0	0	0	0
Recordation Tax	62,364,547	40,784,547	9,005,000	2,290,000	2,570,000	2,225,000	2,610,000	2,880,000
State	268,332,135	190,743,135	14,599,000	20,110,000	13,285,000	7,275,000	8,000,000	14,320,000
Program Open Space	15,021,000	7,946,000	2,100,000	900,000	825,000	1,450,000	1,000,000	800,000
Federal	39,969,317	25,883,317	1,900,000	3,100,000	4,116,000	2,200,000	970,000	1,800,000
Developer	10,196,118	9,291,118	100,000	150,000	205,000	175,000	125,000	150,000
Other	45,205,701	31,670,701	2,565,000	780,000	2,330,000	2,700,000	2,705,000	2,455,000
Lease Purchase	6,090,767	6,090,767	0	0	0	0	0	0

COUNTY TOTAL BY FUNDING SOURCE	1,854,187,603	1,346,316,550	91,333,553	104,887,500	121,182,500	67,702,500	49,925,000	72,840,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

GENERAL FUND

GENERAL CAPITAL

FY 16 Funded Projects:

Board of Education Debt Service 16	16,600,000	0	16,600,000	0	0	0	0	0
Facilities Repair Program	17,844,905	8,662,852	7,682,053	0	0	500,000	500,000	500,000
Fleet Maintenance Facility	150,000	0	150,000	0	0	0	0	0
Fleet Replacement	14,040,000	4,040,000	1,500,000	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000
Fuel Dispensing System Upgrade	1,715,000	855,000	560,000	300,000	0	0	0	0
Harford County Agricultural Research & Exposition Ctr.	300,000	0	300,000	0	0	0	0	0
Harford County Metro Area Network (HMAN)	16,200,000	12,200,000	4,000,000	0	0	0	0	0
Harford County Southern Resource Annex	17,910,362	30,410,362	(12,500,000)	0	0	0	0	0
Infrastructure Efficiency Capital Investment Project	1,030,000	710,000	195,000	25,000	25,000	25,000	25,000	25,000
Refresh Program	2,935,000	2,385,000	100,000	150,000	150,000	150,000	0	0
Safeguarding Business Operations	14,515,400	8,515,400	2,000,000	2,000,000	2,000,000	0	0	0
Site Acquisition 06	28,757,761	20,757,761	3,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Underground and Aboveground Storage Tank Mgmt.	245,000	75,000	120,000	0	25,000	0	25,000	0
Voting Equipment	200,000	0	200,000	0	0	0	0	0

Open Projects:

Automated External Defibrillators (AEDs)	20,000	20,000	0	0	0	0	0	0
Bel Air Parking Garage	645,000	645,000	0	0	0	0	0	0
Board of Education Debt Service 12	12,829,734	12,829,734	0	0	0	0	0	0
Board of Education Debt Service 13	18,258,301	18,258,301	0	0	0	0	0	0
Board of Education Debt Service 14	13,600,000	13,600,000	0	0	0	0	0	0
Board of Education Debt Service 15	14,260,492	14,260,492	0	0	0	0	0	0
Citizens Care Center	2,000,000	2,000,000	0	0	0	0	0	0
Countywide Facilities Master Plan	1,950,000	1,950,000	0	0	0	0	0	0
Courthouse Building Repairs	5,034,900	5,034,900	0	0	0	0	0	0
Emergency Needs	1,245,776	1,245,776	0	0	0	0	0	0
Enterprise Resource System	25,000	25,000	0	0	0	0	0	0
45 South Main Street - Add Emergency Power Systems	600,000	600,000	0	0	0	0	0	0
GIS Update	250,000	250,000	0	0	0	0	0	0
Gordon Street	420,000	420,000	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
One Maryland Broadband	5,250,000	5,250,000	0	0	0	0	0	0
Reforestation and Buffer Mitigation - Critical Area	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 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
GENERAL CAPITAL								
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
Treasury Computer Enhancements	175,000	175,000	0	0	0	0	0	0
General Capital Total by Project	218,227,631	174,395,578	23,907,053	4,475,000	4,700,000	3,675,000	3,550,000	3,525,000
Paygo	45,644,502	26,214,502	4,505,000	3,475,000	3,700,000	2,675,000	2,550,000	2,525,000
Reappropriated	18,779,038	15,616,985	3,162,053	0	0	0	0	0
Future Bonds	7,150,000	0	2,150,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Prior Bonds	73,532,521	73,382,521	150,000	0	0	0	0	0
Transfer Tax	27,200,000	20,800,000	6,400,000	0	0	0	0	0
Recordation Tax	32,900,000	25,800,000	7,100,000	0	0	0	0	0
State	1,720,000	1,280,000	440,000	0	0	0	0	0
Federal	7,150,621	7,150,621	0	0	0	0	0	0
Developer	780,000	780,000	0	0	0	0	0	0
Other	3,370,949	3,370,949	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
General Capital Total by Fund	218,227,631	174,395,578	23,907,053	4,475,000	4,700,000	3,675,000	3,550,000	3,525,000
TAX INCREMENT FINANCING								
<u>Open Projects:</u>								
Beechtree TIF Improvements	11,100,000	11,100,000	0	0	0	0	0	0
James Run TIF Improvements	14,614,036	14,614,036	0	0	0	0	0	0
Tax Increment Financing Total by Project	25,714,036	25,714,036	0	0	0	0	0	0
Prior Bonds	25,714,036	25,714,036	0	0	0	0	0	0
Tax Increment Financing Total by Fund	25,714,036	25,714,036	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
STORMWATER MANAGEMENT								
<u>FY 16 Funded Projects</u>								
County Owned Watershed Restoration Improvements	6,900,000	0	2,400,000	900,000	900,000	900,000	900,000	900,000
Joppatowne Area Watershed Restoration	8,000,000	900,000	1,200,000	1,150,000	1,080,000	1,220,000	1,225,000	1,225,000
Maintenance/Repair of Dams	2,555,000	545,000	460,000	310,000	310,000	310,000	310,000	310,000
Plumtree Run Watershed Restoration	8,263,452	518,452	1,250,000	1,600,000	1,200,000	1,225,000	1,235,000	1,235,000
Riverside Area Watershed Restoration	6,730,886	215,886	120,000	1,250,000	1,170,000	1,575,000	1,200,000	1,200,000
Sams Branch Watershed Restoration	7,252,922	852,922	120,000	1,180,000	1,150,000	1,200,000	1,550,000	1,200,000
Stormwater Pollution Prevention	1,381,395	491,395	140,000	150,000	150,000	150,000	150,000	150,000
Sunnyview Stream Restoration	1,567,220	967,220	600,000	0	0	0	0	0
Watershed Restoration Assessment	9,000,000	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Watershed Restoration Improvements	3,900,000	0	400,000	700,000	700,000	700,000	700,000	700,000
Watershed Restoration	420,000	0	60,000	60,000	70,000	70,000	80,000	80,000
Wheel Creek Watershed Restoration	6,789,607	4,989,607	1,000,000	200,000	150,000	150,000	150,000	150,000
<u>Outyear Projects:</u>								
Bynum Run @ St. Andrews Way Stream Restoration	1,467,026	847,026	0	0	620,000	0	0	0
<u>Open Projects:</u>								
Edgewood Plaza Retrofit & Stream Restoration	200,188	200,188	0	0	0	0	0	0
Lilly Run Watershed Restoration	725,000	725,000	0	0	0	0	0	0
Maintenance/Repair of Dams 99	895,000	895,000	0	0	0	0	0	0
Stormwater Enhancement	815,000	815,000	0	0	0	0	0	0
Watershed Restoration Improvements	1,528,228	1,528,228	0	0	0	0	0	0
Watershed/Stream Assessment Studies	1,065,000	1,065,000	0	0	0	0	0	0
Woodbridge Retrofit & Stream Restoration	1,020,000	1,020,000	0	0	0	0	0	0
Woodland Run Stream Restoration	700,000	700,000	0	0	0	0	0	0
Stormwater Management Total by Project	71,175,924	17,275,924	9,250,000	9,000,000	9,000,000	9,000,000	9,000,000	8,650,000
Paygo	5,650,818	5,650,818	0	0	0	0	0	0
Future Bonds	34,750,000	0	5,800,000	5,790,000	5,790,000	5,790,000	5,790,000	5,790,000
Reappropriated	2,585,106	2,585,106	0	0	0	0	0	0
Recordation Tax	1,250,000	0	200,000	210,000	210,000	210,000	210,000	210,000
State	19,407,016	5,752,016	2,325,000	2,300,000	2,130,000	2,300,000	2,300,000	2,300,000
Federal	3,532,984	937,984	525,000	450,000	620,000	450,000	450,000	100,000
Other	4,000,000	2,350,000	400,000	250,000	250,000	250,000	250,000	250,000
Stormwater Management Total by Fund	71,175,924	17,275,924	9,250,000	9,000,000	9,000,000	9,000,000	9,000,000	8,650,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
PUBLIC SAFETY								
<u>FY 16 Funded Projects</u>								
New Emergency Operations Center Complex	46,294,525	46,444,525	(150,000)	0	0	0	0	0
911 State Fee Fund	600,000	0	100,000	100,000	100,000	100,000	100,000	100,000
Public Safety Communications in School Buildings	650,000	250,000	100,000	100,000	100,000	100,000	0	0
VFC Facility Repair	3,700,000	100,000	600,000	500,000	500,000	750,000	750,000	500,000
<u>Outyear Projects:</u>								
Computer Equipment/Networks	2,491,742	2,241,742	0	250,000	0	0	0	0
<u>Open Projects:</u>								
Bel Air Substation at Patterson Mill	2,868,400	2,868,400	0	0	0	0	0	0
Detention Center Expansion	32,018,131	32,018,131	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
911 State Fee Fund	3,200,000	3,200,000	0	0	0	0	0	0
Norrisville Station	875,000	875,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	21,693,412	21,693,412	0	0	0	0	0	0
TRT Equipment	160,000	160,000	0	0	0	0	0	0
VFC Facility Repair	2,750,000	2,750,000	0	0	0	0	0	0
Sheriff/Emergency/Fire Total by Project	120,451,210	115,751,210	650,000	950,000	700,000	950,000	850,000	600,000
Paygo	19,029,650	14,779,650	700,000	850,000	600,000	850,000	750,000	500,000
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	77,655,339	77,805,339	(150,000)	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0
State	19,304,292	18,704,292	100,000	100,000	100,000	100,000	100,000	100,000
Federal	3,068,412	3,068,412	0	0	0	0	0	0
Other	50,000	50,000	0	0	0	0	0	0
Lease Purchase	981,017	981,017	0	0	0	0	0	0
Sheriff / Emergency / Fire Total by Fund	120,451,210	115,751,210	650,000	950,000	700,000	950,000	850,000	600,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
HARFORD COMMUNITY COLLEGE								
FY 16 Funded Projects:								
Computer Equipment Technology	1,124,835	334,835	790,000	0	0	0	0	0
New Nursing and Allied Health Building	19,781,467	18,769,467	1,012,000	0	0	0	0	0
Site and Parking Lot Improvements	3,721,251	2,221,251	250,000	250,000	250,000	250,000	250,000	250,000
Outyear Projects:								
Edgewood Hall Renovation and Expansion	8,632,000	632,000	0	8,000,000	0	0	0	0
Regional Workforce Development Center	2,400,000	0	0	0	0	0	0	2,400,000
Open Projects:								
Belcamp Renovation	150,000	150,000	0	0	0	0	0	0
Maryland Hall Conversion	305,000	305,000	0	0	0	0	0	0
Susquehanna Roof Replacement	450,000	450,000	0	0	0	0	0	0
College Total by Project	36,564,553	22,862,553	2,052,000	8,250,000	250,000	250,000	250,000	2,650,000
Paygo	325,000	325,000	0	0	0	0	0	0
Future Bonds	5,335,000	0	435,000	3,500,000	0	0	0	1,400,000
Prior Bonds	8,656,251	8,656,251	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
State	18,107,467	12,030,467	577,000	4,500,000	0	0	0	1,000,000
Other	4,140,835	1,850,835	1,040,000	250,000	250,000	250,000	250,000	250,000
College Total by Fund	36,564,553	22,862,553	2,052,000	8,250,000	250,000	250,000	250,000	2,650,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
LIBRARIES								
FY 16 Funded Projects:								
Havre de Grace Expansion	9,020,000	7,720,000	1,300,000	0	0	0	0	0
Outyear Projects:								
Technology	1,290,960	790,960	0	100,000	100,000	100,000	100,000	100,000
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
Facility Maintenance and Repairs	352,647	352,647	0	0	0	0	0	0
Facility Renovations	500,000	500,000	0	0	0	0	0	0
Jarrettsville Library	5,884,000	5,884,000	0	0	0	0	0	0
Joppa Branch - Centralized Dehumidification	100,000	100,000	0	0	0	0	0	0
Whiteford Library Expansion	4,238,200	4,238,200	0	0	0	0	0	0
Libraries Total by Project	21,497,807	19,697,807	1,300,000	100,000	100,000	100,000	100,000	100,000
Paygo	2,605,197	2,105,197	0	100,000	100,000	100,000	100,000	100,000
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	16,487,400	16,487,400	0	0	0	0	0	0
State	1,000,000	0	1,000,000	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Reappropriated	5,210	5,210	0	0	0	0	0	0
Other	1,000,000	700,000	300,000	0	0	0	0	0
Libraries Total by Fund	21,497,807	19,697,807	1,300,000	100,000	100,000	100,000	100,000	100,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
BOARD OF EDUCATION								
FY 16 Funded Projects:								
Center for Educational Opportunity - Air Conditioning	4,625,000	0	4,625,000	0	0	0	0	0
Churchville Elementary School Roof Replacement	825,000	0	825,000	0	0	0	0	0
North Harford MS Domestic Water Improvements	1,000,000	500,000	500,000	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	0	4,685,000	0	0	0	0	0
Technology Education Lab Refresh	650,000	0	250,000	0	200,000	0	200,000	0
Youth's Benefit Elementary School Replacement	47,057,866	28,818,866	17,139,000	1,100,000	0	0	0	0
Outyear Projects:								
Building Envelope Improvements	1,650,000	700,000	0	150,000	200,000	200,000	200,000	200,000
Havre de Grace Middle/High School Replacement	86,050,000	3,950,000	0	34,700,000	37,400,000	10,000,000	0	0
Joppatowne High School Systemic Project	28,973,000	13,673,000	0	0	0	0	0	15,300,000
Major HVAC Repairs	33,690,134	8,690,134	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Major Roof Repair/Replacement	15,000,000	0	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Paving - Overlay and Maintenance	2,680,630	1,430,630	0	250,000	250,000	250,000	250,000	250,000
Replacement Buses	13,825,197	11,325,197	0	500,000	500,000	500,000	500,000	500,000
Technology Infrastructure 15	13,618,237	10,618,237	0	600,000	600,000	600,000	600,000	600,000
Open Projects:								
Aberdeen High School Stadium & Weight Room Upgrades	1,600,000	1,600,000	0	0	0	0	0	0
Aberdeen High School North Building	665,000	665,000	0	0	0	0	0	0
ADA Improvements	600,000	600,000	0	0	0	0	0	0
Athletic Fields Repair and Restoration	487,000	487,000	0	0	0	0	0	0
Backflow Prevention	600,000	600,000	0	0	0	0	0	0
Band Uniform Refresh	72,340	72,340	0	0	0	0	0	0
Bel Air High School Replacement	79,876,086	79,876,086	0	0	0	0	0	0
Bleacher Replacement	500,000	500,000	0	0	0	0	0	0
Campus Hills Elementary School	900,000	900,000	0	0	0	0	0	0
Career and Tech Education Equipment Refresh	500,000	500,000	0	0	0	0	0	0
Darlington ES Comprehensive HVAC System	2,138,000	2,138,000	0	0	0	0	0	0
Deerfield ES Replacement	31,734,200	31,734,200	0	0	0	0	0	0
Dublin ES Boiler Replacement	244,112	244,112	0	0	0	0	0	0
Dublin ES Comprehensive HVAC	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 Lab	115,000	115,000	0	0	0	0	0	0
Energy Conservation Measures	500,000	500,000	0	0	0	0	0	0
Energy Efficiency Initiative Projects	4,873,775	4,873,775	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

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

BOARD OF EDUCATION

Open Projects (cont.):

Fallston High School Autism Renovation	250,000	250,000	0	0	0	0	0	0
Fallston HS Comprehensive HVAC Systemic Projects	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
Forest Hill Annex Electrical Upgrades	344,527	344,527	0	0	0	0	0	0
Fountain Green Elementary School Technology	200,000	200,000	0	0	0	0	0	0
Harford Technical High School Field Improvements	4,878,825	4,878,825	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
Hickory Elementary School Technology	100,000	100,000	0	0	0	0	0	0
Homestead Wakefield Electrical Support for Technology	250,000	250,000	0	0	0	0	0	0
Homestead Wakefield ES Modernization	133,454	133,454	0	0	0	0	0	0
Integrated Business Systems	403,000	403,000	0	0	0	0	0	0
Jarrettsville ES Comprehensive HVAC	3,700,000	3,700,000	0	0	0	0	0	0
John Archer School at Bel Air Middle School	83,045	83,045	0	0	0	0	0	0
Joppatowne Elementary School Modernization	13,533,863	13,533,863	0	0	0	0	0	0
Joppatowne High School Weight Room Repairs	250,000	250,000	0	0	0	0	0	0
Locker Replacement	430,000	430,000	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	50,000	50,000	0	0	0	0	0	0
Music Equipment Refresh Program 05	575,000	575,000	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 ES Comprehensive HVAC	4,550,390	4,550,390	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 High School Repairs	50,000	50,000	0	0	0	0	0	0
North Harford Middle School Water System	261,114	261,114	0	0	0	0	0	0
Outdoor Track Reconditioning	200,000	200,000	0	0	0	0	0	0
Paving - New Parking Areas	300,000	300,000	0	0	0	0	0	0
Playground Equipment	350,000	350,000	0	0	0	0	0	0
Prospect Mill Elementary School	1,997,778	1,997,778	0	0	0	0	0	0
Red Pump Road Elementary School	29,837,480	29,837,480	0	0	0	0	0	0
Relocatable Classrooms	3,588,022	3,588,022	0	0	0	0	0	0
Replacement of Riverside Heating/Cooling	11,748,347	11,748,347	0	0	0	0	0	0
Replacement Vehicles	6,084,396	6,084,396	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	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
BOARD OF EDUCATION								
Ring Factory ES HVAC Equipment Replacement Project	1,099,000	1,099,000	0	0	0	0	0	0
Roof Replacement	933,702	933,702	0	0	0	0	0	0
Roof Replacements 13	830,000	830,000	0	0	0	0	0	0
Roof Replacements 14	706,041	706,041	0	0	0	0	0	0
Roofing Replacement 07	1,236,530	1,236,530	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
Southampton Middle School HVAC	1,141,703	1,141,703	0	0	0	0	0	0
Special Education Facilities Improvements	200,000	200,000	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	725,000	725,000	0	0	0	0	0	0
Swimming Pool Renovations	300,000	300,000	0	0	0	0	0	0
Technology	4,751,467	4,751,467	0	0	0	0	0	0
Technology Infrastructure 04	14,285,802	14,285,802	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
Youth's Benefit ES Primary Building HVAC	2,488,734	2,488,734	0	0	0	0	0	0
Education Total by Project	667,710,951	493,086,951	28,024,000	45,300,000	47,150,000	19,550,000	9,750,000	24,850,000
Paygo	39,213,575	30,863,575	250,000	1,500,000	1,750,000	1,550,000	1,750,000	1,550,000
Future Bonds	115,565,000	0	18,465,000	31,100,000	35,000,000	14,000,000	4,000,000	13,000,000
Prior Bonds	316,510,577	316,510,577	0	0	0	0	0	0
Reappropriated	14,212,196	14,212,196	0	0	0	0	0	0
Transfer Tax	19,209,204	19,209,204	0	0	0	0	0	0
Recordation Tax	780,614	780,614	0	0	0	0	0	0
State	144,314,860	93,605,860	9,309,000	12,700,000	10,400,000	4,000,000	4,000,000	10,300,000
Other	12,795,175	12,795,175	0	0	0	0	0	0
Lease Purchase	5,109,750	5,109,750	0	0	0	0	0	0
Education Total by Fund	667,710,951	493,086,951	28,024,000	45,300,000	47,150,000	19,550,000	9,750,000	24,850,000
SUB-TOTAL GENERAL FUND CAPITAL	1,135,628,076	843,070,023	65,183,053	68,075,000	61,900,000	33,525,000	23,500,000	40,375,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
SOLID WASTE SERVICES								
<u>FY 16 Funded Projects:</u>								
Waste to Energy Facility Closure	9,400,000	400,000	3,000,000	3,000,000	3,000,000	0	0	0
<u>Outyear Projects:</u>								
HWDC Pavement Upgrades	900,000	200,000	0	0	0	350,000	0	350,000
Scarboro Landfill Groundwater Treatment Plant	500,000	0	0	500,000	0	0	0	0
<u>Open Projects:</u>								
Air Pollution Control	12,850,000	12,850,000	0	0	0	0	0	0
814 Philadelphia Road Structure Demolition	100,000	100,000	0	0	0	0	0	0
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	20,570,353	20,570,353	0	0	0	0	0	0
HWDC Landfill Capping	9,320,000	9,320,000	0	0	0	0	0	0
Solid Waste Transfer Station	3,700,000	3,700,000	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
Tollgate Yard Trim Recycling Center	100,000	100,000	0	0	0	0	0	0
Waste to Energy Repairs 15	403,753	403,753	0	0	0	0	0	0
Waste to Energy Repairs	1,300,000	1,300,000	0	0	0	0	0	0
Solid Waste Services Total by Project	70,519,766	60,319,766	3,000,000	3,500,000	3,000,000	350,000	0	350,000
Paygo	30,161,043	19,961,043	3,000,000	3,500,000	3,000,000	350,000	0	350,000
Reappropriated	2,512,269	2,512,269	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	37,391,454	37,391,454	0	0	0	0	0	0
Other	455,000	455,000	0	0	0	0	0	0
Solid Waste Services Total by Fund	70,519,766	60,319,766	3,000,000	3,500,000	3,000,000	350,000	0	350,000
TOTAL GENERAL FUND CAPITAL	1,231,861,878	929,103,825	68,183,053	71,575,000	64,900,000	33,875,000	23,500,000	40,725,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
<u>PARKS & RECREATION FUND</u>								
<u>FY 16 Funded Projects:</u>								
Backstop Renovations	470,000	195,000	75,000	0	0	50,000	100,000	50,000
Broad Creek Boat Launch Ramp	679,000	649,000	30,000	0	0	0	0	0
Canoe and Kayak Water Access	550,000	0	200,000	75,000	0	0	75,000	200,000
Churchville Center Renovations	575,000	420,000	80,000	75,000	0	0	0	0
Eden Mill Park Rehabilitation	880,000	775,000	30,000	75,000	0	0	0	0
Edgeley Grove Farm - Smith Property	4,450,000	4,325,000	25,000	0	0	0	100,000	0
Emily Bayliss Graham Park	2,500,000	950,000	425,000	100,000	0	525,000	0	500,000
Emmorton Recreation & Tennis Center Improvements	920,000	545,000	275,000	0	0	100,000	0	0
Facility Renovations	1,530,000	710,000	270,000	125,000	125,000	100,000	100,000	100,000
Flying Point Park Improvements	109,000	0	109,000	0	0	0	0	0
Francis Silver Park Improvements	25,000	0	25,000	0	0	0	0	0
Gunpowder River Dredging	1,684,000	1,254,000	100,000	30,000	90,000	210,000	0	0
Harford Center for the Arts	1,050,000	0	50,000	0	1,000,000	0	0	0
Heavenly Waters Park	2,120,000	1,820,000	300,000	0	0	0	0	0
Heavenly Waters Park - Soma	100,000	0	100,000	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	725,000	650,000	75,000	0	0	0	0	0
Liriodendron Improvements	470,000	45,000	100,000	250,000	75,000	0	0	0
Natural Turf Improvements	1,840,000	960,000	130,000	150,000	150,000	150,000	150,000	150,000
Park Improvements	965,000	460,000	160,000	60,000	90,000	65,000	65,000	65,000
Parking Lot Paving	959,000	149,000	200,000	55,000	200,000	55,000	150,000	150,000
Parkland Acquisition	7,921,000	2,306,000	1,950,000	640,000	640,000	740,000	795,000	850,000
Playground Equipment	2,555,000	1,455,000	200,000	150,000	225,000	150,000	150,000	225,000
Promenade Park	165,000	0	15,000	0	0	0	150,000	0
Robert Copenhagen Park Improvements	300,000	75,000	225,000	0	0	0	0	0
Swan Harbor Farm Improvements	1,589,000	150,000	239,000	0	150,000	1,050,000	0	0
SWM Pond Repair and Renovation	910,000	150,000	200,000	110,000	110,000	110,000	110,000	120,000
Tennis/Multipurpose Court	1,090,000	490,000	100,000	100,000	100,000	100,000	100,000	100,000
<u>Outyear Projects:</u>								
Aberdeen Activity Center	500,000	0	0	500,000	0	0	0	0
ADA Improvements	400,000	100,000	0	50,000	50,000	75,000	50,000	75,000
Anita C. Leight Improvements	695,000	495,000	0	0	0	200,000	0	0
Athletic Field Improvements	12,325,000	9,450,000	0	1,700,000	1,175,000	0	0	0
Benson Field Development	1,000,000	0	0	0	0	0	500,000	500,000
Blake's Venture Park	500,000	0	0	0	0	0	0	500,000
Bleacher Renovations	670,000	370,000	0	60,000	60,000	60,000	60,000	60,000
Bulkhead Renovations	1,300,000	0	0	40,000	535,000	0	75,000	650,000
Bush River Dredging and DMP Site 16	1,725,000	0	0	0	0	150,000	1,575,000	0
Cedar Lane Sports Complex Improvements	5,311,000	1,911,000	0	100,000	500,000	1,400,000	0	1,400,000
Darlington Park Development	2,075,000	1,575,000	0	0	0	0	500,000	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

PARKS & RECREATION FUND

Outyear Projects (cont.):

Disc Golf Course	100,000	50,000	0	0	0	50,000	0	0
Dublin Community Park	150,000	0	0	0	0	0	150,000	0
Edgewood Recreation and Community Center	250,000	100,000	0	150,000	0	0	0	0
Edgewood Recreation Park	1,705,000	1,155,000	0	400,000	50,000	0	0	100,000
Emmorton Development	200,000	0	0	0	0	0	0	200,000
Enlarged Gymnasiums & Joint Facilities	1,800,000	600,000	0	0	600,000	0	0	600,000
Equestrian Center Improvements	675,000	325,000	0	250,000	100,000	0	0	0
Fallston Maintenance Shop	350,000	50,000	0	0	300,000	0	0	0
Havre de Grace Community Center Field	600,000	0	0	0	600,000	0	0	0
Havre de Grace Yacht Basin Dredging	600,000	0	0	0	50,000	550,000	0	0
Jarrettsville Recreation Center	7,360,775	510,775	0	0	6,200,000	400,000	0	250,000
Joppa/Joppatowne Youth/Senior Center	500,000	0	0	0	0	0	0	500,000
Magnolia Complex Development	425,000	0	0	0	425,000	0	0	0
Norrisville Park	775,000	0	0	125,000	500,000	150,000	0	0
Northern Regional Park	9,575,000	575,000	0	0	0	0	500,000	8,500,000
Oakington Farms - Tydings Park	3,050,000	1,900,000	0	100,000	0	0	1,050,000	0
Perryman Park Development	125,000	0	0	0	0	0	125,000	0
Prospect Mill Park	2,030,000	1,430,000	0	100,000	0	500,000	0	0
Red Pump Elementary School Facilities	1,775,000	1,600,000	0	0	50,000	125,000	0	0
Rockfield Park Improvements	400,000	100,000	0	0	100,000	0	100,000	100,000
Schucks Road Regional Sports Complex	8,810,415	8,110,415	0	0	0	0	0	700,000
Trails and Linear Parks	4,300,000	300,000	0	2,000,000	0	0	0	2,000,000
Tudor Hall Rehabilitation	800,000	500,000	0	0	150,000	0	0	150,000
Vale Road Park	1,100,000	0	0	0	100,000	1,000,000	0	0
Water and Land Trails (North Park)	2,050,000	800,000	0	0	0	0	1,000,000	250,000

Open Projects:

Abingdon Road Park	150,000	150,000	0	0	0	0	0	0
Belcamp Park Improvements	325,000	325,000	0	0	0	0	0	0
Bush River Dredging and DMP Site 04	3,030,000	3,030,000	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0
David Craig Park Development	75,000	75,000	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
Jarrettsville Complex Restrooms	350,000	350,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
<u>PARKS & RECREATION FUND</u>								
<u>Open Projects (cont.):</u>								
Joppatowne Area Dredging	990,000	990,000	0	0	0	0	0	0
Mariner Point Park Renovations	361,000	361,000	0	0	0	0	0	0
McFaul Activity Center Renovations	500,000	500,000	0	0	0	0	0	0
Nuttal Avenue Park Development	500,000	500,000	0	0	0	0	0	0
Parks & Rec Total by Project	128,401,020	65,803,020	5,688,000	7,570,000	14,500,000	8,065,000	7,730,000	19,045,000
Paygo	4,666,226	3,216,226	100,000	0	450,000	0	500,000	400,000
Special Paygo	280,000	150,000	130,000	0	0	0	0	0
Future Bonds	24,475,000	0	0	3,200,000	8,275,000	1,450,000	0	11,550,000
Prior Bonds	20,106,830	20,106,830	0	0	0	0	0	0
Reappropriated	5,027,289	5,027,289	0	0	0	0	0	0
Recordation Tax	27,433,933	14,203,933	1,705,000	2,080,000	2,360,000	2,015,000	2,400,000	2,670,000
State	10,533,500	6,025,500	698,000	60,000	655,000	875,000	1,600,000	620,000
Program Open Space	15,021,000	7,946,000	2,100,000	900,000	825,000	1,450,000	1,000,000	800,000
Federal	3,265,000	1,235,000	30,000	1,000,000	0	0	0	1,000,000
Developer	1,807,000	1,402,000	100,000	50,000	105,000	75,000	25,000	50,000
Other	15,785,242	6,490,242	825,000	280,000	1,830,000	2,200,000	2,205,000	1,955,000
Parks & Rec Total by Fund	128,401,020	65,803,020	5,688,000	7,570,000	14,500,000	8,065,000	7,730,000	19,045,000
TOTAL PARKS & RECREATION CAPITAL	128,401,020	65,803,020	5,688,000	7,570,000	14,500,000	8,065,000	7,730,000	19,045,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

BRIDGES

FY 16 Funded Projects:

Abingdon Road Bridge #169 over CSX	4,155,000	730,000	300,000	500,000	2,625,000	0	0	0
Bridge and Road Scour Repairs	2,100,000	950,000	150,000	200,000	200,000	200,000	200,000	200,000
Bridge Inspection Program	5,310,000	2,940,000	50,000	650,000	160,000	650,000	160,000	700,000
Bridge Rehabilitation	1,950,000	750,000	200,000	200,000	200,000	200,000	200,000	200,000
Carrs Mill Road Bridge #216	2,245,000	1,995,000	250,000	0	0	0	0	0
Fawn Grove Road Bridge #132	1,085,000	175,000	(165,000)	225,000	50,000	800,000	0	0
Glenville Road Bridge #30	1,320,000	0	250,000	25,000	1,045,000	0	0	0
Jericho Road Bridge	1,530,000	1,500,000	30,000	0	0	0	0	0
Macton Road Bridge #145	990,008	1,086,268	(96,260)	0	0	0	0	0
New Park Road Bridge #125	530,000	175,000	25,000	330,000	0	0	0	0
Phillips Mill Road Bridge #70	1,925,000	400,000	100,000	50,000	0	1,375,000	0	0
Robinson Mill Road Bridge #154	1,385,000	1,265,000	120,000	0	0	0	0	0
Watervale Road Bridge #63	4,155,000	3,380,000	775,000	0	0	0	0	0

Outyear Projects:

Boggs Road Bridge #66	990,000	0	0	0	200,000	20,000	0	770,000
Bridge Painting	600,000	100,000	0	100,000	100,000	100,000	100,000	100,000
Carea Road Bridge #126	420,000	0	0	20,000	0	400,000	0	0
Chestnut Hill Bridge #40	1,120,000	340,000	0	80,000	700,000	0	0	0
Culvert Rehabilitation	4,550,000	4,050,000	0	100,000	100,000	100,000	100,000	100,000
Deep Run Road Bridge #152	735,000	0	0	0	175,000	10,000	0	550,000
Edwards Lane Culvert	950,000	50,000	0	0	0	0	900,000	0
Green Road Bridges #119 & #122	640,000	190,000	0	450,000	0	0	0	0
Johnson Mill Road Bridge #45	620,000	0	0	140,000	10,000	470,000	0	0
Moore's Road Bridge #78	925,000	0	0	0	200,000	25,000	0	700,000
Prospect Road Bridge #217	885,000	225,000	0	0	10,000	0	650,000	0
Scarboro Road Bridge #140	160,000	0	0	0	150,000	0	10,000	0
Snake Lane Bridge #31	795,000	195,000	0	0	600,000	0	0	0
Stafford Road Bridge #24	950,000	200,000	0	750,000	0	0	0	0
Structural Evaluation	670,000	420,000	0	50,000	50,000	50,000	50,000	50,000
West Ring Factory Pedestrian Bridge	500,000	0	0	130,000	20,000	0	350,000	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

BRIDGES

Open Projects:

Bridge Painting	225,000	225,000	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Glen Cove Road Bridge #156	150,000	150,000	0	0	0	0	0	0
Green Road Bridge #119	15,000	15,000	0	0	0	0	0	0
Harford Creamery Road Bridge #104	1,710,000	1,710,000	0	0	0	0	0	0
Hess Road Bridge #82	1,300,000	1,300,000	0	0	0	0	0	0

Bridges Total by Project	50,440,008	27,366,268	1,988,740	4,000,000	6,595,000	4,400,000	2,720,000	3,370,000

Paygo	19,118,557	14,009,817	138,740	780,000	830,000	650,000	2,060,000	650,000
Future Bonds	8,504,000	0	505,000	1,570,000	2,269,000	2,000,000	140,000	2,020,000
Prior Bonds	1,187,268	1,187,268	0	0	0	0	0	0
Reappropriated	573,183	573,183	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	20,577,000	11,116,000	1,345,000	1,650,000	3,496,000	1,750,000	520,000	700,000
Other	480,000	480,000	0	0	0	0	0	0
Developer	0	0	0	0	0	0	0	0

Bridges Total by Fund	50,440,008	27,366,268	1,988,740	4,000,000	6,595,000	4,400,000	2,720,000	3,370,000

ROADWAYS

FY 16 Funded Projects:

Drainage Improvements	1,725,000	1,275,000	(50,000)	100,000	100,000	100,000	100,000	100,000
Guardrails	925,000	325,000	100,000	100,000	100,000	100,000	100,000	100,000
MD 152/Oakmont Road/Port Lane	950,732	550,732	(150,000)	0	0	0	550,000	0
Schucks Road Culvert Replacement	80,000	830,000	(750,000)	0	0	0	0	0
Schucks Road Improvements	437,192	600,000	(162,808)	0	0	0	0	0
Stormdrain Replacement	2,391,231	1,291,231	100,000	200,000	200,000	200,000	200,000	200,000
Wheel Road (Laurel Bush to Fairway)	6,626,226	6,650,000	(23,774)	0	0	0	0	0

Outyear Projects:

Abingdon Road (Box Hill S. Pkwy - I95)	200,000	0	0	0	0	150,000	50,000	0
Bata Boulevard Access Road	600,000	0	0	150,000	0	0	450,000	0
Eden Mill Road	200,000	0	0	200,000	0	0	0	0
Intersection Improvements	2,977,444	2,227,444	0	150,000	150,000	150,000	150,000	150,000
Moore's Mill Road	9,137,113	7,212,113	0	500,000	1,425,000	0	0	0
New Roads and Stormdrains	2,475,000	1,475,000	0	200,000	200,000	200,000	200,000	200,000
Rt. 7 Corridor Study	100,000	0	0	100,000	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

ROADWAYS

Outyear Projects (cont.):

Tollgate Road (W. Ring Factory Rd to Plumtree)	3,936,791	1,486,791	0	2,450,000	0	0	0	0
Tollgate Road - Vale Road Corridor	934,678	184,678	0	100,000	0	650,000	0	0
Traffic Calming, Bicycle and Road Safety Improvements	825,000	450,000	0	75,000	75,000	75,000	75,000	75,000
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)	150,000	0	0	0	100,000	50,000	0	0

Open Projects:

Bel Air Transportation Study	300,000	300,000	0	0	0	0	0	0
Cape Knoll Road Acceptance	150,000	150,000	0	0	0	0	0	0
Carrs Mill Road (MD 152 - Grafton Shop Road)	1,195,000	1,195,000	0	0	0	0	0	0
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
New Roads and Stormdrains 06	1,545,000	1,545,000	0	0	0	0	0	0
New Roads and Stormdrains 02	1,266,740	1,266,740	0	0	0	0	0	0
Thomas Run Road Improvements	550,000	550,000	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	41,137,748	30,774,330	(936,582)	4,375,000	2,400,000	1,725,000	1,925,000	875,000

Paygo	19,177,415	14,338,997	(936,582)	1,325,000	875,000	975,000	1,825,000	775,000
Future Bonds	4,575,000	0	0	2,500,000	1,425,000	650,000	0	0
Prior Bonds	6,985,732	6,985,732	0	0	0	0	0	0
Reappropriated	1,874,601	1,874,601	0	0	0	0	0	0
State	1,950,000	1,500,000	0	450,000	0	0	0	0
Federal	240,000	240,000	0	0	0	0	0	0
Developer	3,895,000	3,395,000	0	100,000	100,000	100,000	100,000	100,000
Other	2,440,000	2,440,000	0	0	0	0	0	0

Roadways Total by Fund	41,137,748	30,774,330	(936,582)	4,375,000	2,400,000	1,725,000	1,925,000	875,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

RESURFACING

FY 16 Funded Projects:

Resurfacing Roadways	29,292,842	0	5,292,842	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000

Outyear Projects:

Earth Road Conversion to Hard Surface	1,250,000	0	0	250,000	250,000	250,000	250,000	250,000
Tar and Chip Conversion to Hot Mix	750,000	0	0	0	0	250,000	250,000	250,000

Open Projects:

Resurfacing Roadways 12	4,983,945	4,983,945	0	0	0	0	0	0
Resurfacing Roadways 13	5,640,000	5,640,000	0	0	0	0	0	0
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 Total by Project	54,181,402	22,888,560	5,292,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

Paygo	51,851,787	20,868,945	4,982,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

Developer	200,000	200,000	0	0	0	0	0	0

Reappropriated	2,129,615	1,819,615	310,000	0	0	0	0	0

Resurfacing Total by Fund	54,181,402	22,888,560	5,292,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

OTHER

FY 16 Funded Projects:

APG Gate PILOT	590,000	0	590,000	0	0	0	0	0
Efficiency Capital Investment Project	155,000	130,000	25,000	0	0	0	0	0
Fleet Replacement	12,242,000	5,442,000	1,800,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Safeguarding Business Operations	2,937,450	1,881,200	556,250	250,000	250,000	0	0	0
Sidewalks and Handicapped Ramps	1,530,000	680,000	100,000	150,000	150,000	150,000	150,000	150,000

Outyear Projects:

Equipment Sheds	200,000	0	0	0	100,000	100,000	0	0
Refresh Program	450,500	323,000	0	42,500	42,500	42,500	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, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
<u>HIGHWAYS FUND</u>								
OTHER								
<u>Open Projects (cont.)</u>								
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
Sidewalks	1,375,000	1,375,000	0	0	0	0	0	0
Other Total by Project	25,328,953	15,680,203	3,071,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000
Paygo	23,625,453	14,566,703	2,481,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000
Special Paygo	590,000	0	590,000	0	0	0	0	0
Reappropriated	55,000	55,000	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
State	445,000	445,000	0	0	0	0	0	0
Developer	25,000	25,000	0	0	0	0	0	0
Other	588,500	588,500	0	0	0	0	0	0
Other Total by Fund	25,328,953	15,680,203	3,071,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000
TOTAL HIGHWAYS CAPITAL	171,088,111	96,709,361	9,416,250	14,067,500	15,787,500	12,917,500	11,295,000	10,895,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

WATER & SEWER FUND

WATER PROJECTS

FY 16 Funded Projects:

Efficiency Capital Investment Project	150,000	0	150,000	0	0	0	0	0
Fleet Replacement	5,662,000	2,262,000	400,000	500,000	800,000	400,000	800,000	500,000
Magnolia Booster Station	1,450,000	200,000	1,250,000	0	0	0	0	0
Safeguarding Business Operations	3,074,650	2,018,400	556,250	250,000	250,000	0	0	0
Tank Painting FY 16	4,750,000	0	700,000	850,000	800,000	800,000	800,000	800,000
US Rt. 40 and Rt. 159 SHA Water Relocation	3,800,000	0	2,600,000	0	1,200,000	0	0	0

Outyear Projects:

Oak Grove Booster Station	330,000	0	0	330,000	0	0	0	0
Refresh Program	477,000	342,000	0	45,000	45,000	45,000	0	0
Renewal and Replacement Water Infrastructure	900,000	400,000	0	100,000	100,000	100,000	100,000	100,000
Replacement of Water Booster Station (SCADA)	1,500,000	300,000	0	0	0	1,200,000	0	0
Water and Sewer System Model Study	350,000	0	0	350,000	0	0	0	0

Open Projects:

Abingdon Maintenance Storage Protection	200,000	200,000	0	0	0	0	0	0
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	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
Electrical/Network/Phone	130,000	130,000	0	0	0	0	0	0
Fuel Dispensing System Upgrade	120,000	120,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
<u>WATER & SEWER FUND</u>								
WATER PROJECTS								
<u>Open Projects (cont.):</u>								
Harford County Metro Area Network (HMAN)	1,220,000	1,220,000	0	0	0	0	0	0
Rt. 24 Water Transmission	160,000	160,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	649,000	649,000	0	0	0	0	0	0
Site Acquisition	800,000	800,000	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
Tollgate Road Water Main Parallel 15	1,292,227	1,292,227	0	0	0	0	0	0
Underground and Aboveground Storage Tank	50,000	50,000	0	0	0	0	0	0
Water and Sewer Authority Study Establishment	2,000,000	2,000,000	0	0	0	0	0	0
Water and Sewer Billing Project	1,500,000	1,500,000	0	0	0	0	0	0
Water and Sewer Rate Study	300,000	300,000	0	0	0	0	0	0
Water Meter Upgrade	1,210,000	1,210,000	0	0	0	0	0	0
Water Quality Improvements	600,000	600,000	0	0	0	0	0	0
Water Zone Improvements	150,000	150,000	0	0	0	0	0	0
Water Total by Project	127,019,877	110,098,627	5,656,250	2,425,000	3,195,000	2,545,000	1,700,000	1,400,000
Paygo	26,220,473	14,829,223	1,656,250	2,095,000	1,995,000	2,545,000	1,700,000	1,400,000
Future Bonds	5,380,000	0	3,850,000	330,000	1,200,000	0	0	0
Prior Bonds	94,284,687	94,284,687	0	0	0	0	0	0
Reappropriated	984,717	984,717	0	0	0	0	0	0
State	150,000	0	150,000	0	0	0	0	0
Water Total by Fund	127,019,877	110,098,627	5,656,250	2,425,000	3,195,000	2,545,000	1,700,000	1,400,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

WATER & SEWER FUND

SEWER PROJECTS

FY 16 Funded Projects:

Bush Creek Pump Station	28,400,000	27,400,000	1,000,000	0	0	0	0	0
Bynum Run Parallel 6 & 7	16,063,170	8,613,170	450,000	0	0	3,500,000	3,500,000	0
Ring Factory PS and Fairwind Farms Abandonment	1,160,000	720,000	240,000	0	200,000	0	0	0
Sod Run Facility Improvements	7,800,000	2,600,000	700,000	1,300,000	1,000,000	700,000	1,000,000	500,000

Outyear Projects:

Ah-Ha Collector Upgrade	2,000,000	0	0	1,000,000	1,000,000	0	0	0
Bill Bass PS FM Replacement	11,000,384	700,384	0	5,150,000	5,150,000	0	0	0
Bio Solids Facilities Enhancements	4,450,000	0	0	700,000	3,750,000	0	0	0
Bynum Ridge Replacement Sewer	375,000	200,000	0	0	0	0	0	175,000
Edgewood Interceptor Sewer Parallel	14,600,000	500,000	0	0	10,500,000	3,600,000	0	0
Infiltration and Inflow	650,000	350,000	0	100,000	0	100,000	0	100,000
Renewal and Replacement Sewer Infrastructure	1,200,000	600,000	0	0	200,000	200,000	200,000	0
Town Center Drive Pump Station Replacement	1,550,000	350,000	0	0	0	1,200,000	0	0
Upper Bynum Run Infiltration and Inflow	7,400,000	3,400,000	0	1,000,000	1,000,000	1,000,000	1,000,000	0

Open Projects:

Bel Air Infiltration and Inflow	500,000	500,000	0	0	0	0	0	0
Chlorine Replacement Program WWTP	660,000	660,000	0	0	0	0	0	0
Church Creek Pump Station Replacement	10,100,000	10,100,000	0	0	0	0	0	0
ENR at Joppatowne	5,500,000	5,500,000	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 Estates Pump Station Abandonment	5,532,100	5,532,100	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

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

WATER & SEWER FUND

SEWER PROJECTS

Open Projects (cont.):

Plumtree Collector Parallel Phase 2	100,000	100,000	0	0	0	0	0	0
Sod Run WWTP - Sludge Pad Cover	750,763	750,763	0	0	0	0	0	0
Utility Protection Restoration	500,000	500,000	0	0	0	0	0	0
Sewer Total by Project	195,816,717	144,601,717	2,390,000	9,250,000	22,800,000	10,300,000	5,700,000	775,000
Paygo	17,646,450	10,931,450	240,000	1,100,000	1,400,000	2,500,000	1,200,000	275,000
Future Bonds	44,500,000	0	2,150,000	8,150,000	21,400,000	7,800,000	4,500,000	500,000
Prior Bonds	76,083,189	76,083,189	0	0	0	0	0	0
Reappropriated	862,660	862,660	0	0	0	0	0	0
State	51,400,000	51,400,000	0	0	0	0	0	0
Federal	1,735,300	1,735,300	0	0	0	0	0	0
Other	100,000	100,000	0	0	0	0	0	0
Developer	3,489,118	3,489,118	0	0	0	0	0	0
Sewer Total by Fund	195,816,717	144,601,717	2,390,000	9,250,000	22,800,000	10,300,000	5,700,000	775,000

TOTAL WATER & SEWER CAPITAL	322,836,594	254,700,344	8,046,250	11,675,000	25,995,000	12,845,000	7,400,000	2,175,000

	TOTAL COST	PRIOR APPROP	BUDGET FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
TOTAL APPROVED CAPITAL IMPROVEMENT PROGRAM	1,854,187,603	1,346,316,550	91,333,553	104,887,500	121,182,500	67,702,500	49,925,000	72,840,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 16 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
GENERAL PROJECTS:			
<u>Courthouse Building Repairs</u> This project is for renovations and repairs to the Courthouse building. Currently the HVAC system is being replaced. Also to be replaced are two elevators and the restoration of the windows and masonry in the historic section of the Courthouse.	\$0	\$5,034,900	Replacement of the HVAC system and window restorations is anticipated to save the County upwards of \$35,000 in energy savings in the first year. Anticipated savings of over \$5,000/yr in labor, materials and maintenance associated with service calls to repair existing systems.
<u>Facilities Repair Program</u> This project is an umbrella account for the repair and renovation of County buildings, roofs, parking lots, HVAC systems, windows and other building structures. Projects planned for FY 16 are the renovation of the main County Administration building at 220 S. Main Street and the Sheriff's Office building 45 S. Main St.	\$7,682,053	\$17,844,905	The County will save approximately \$5,000 in reduced energy usage and service calls to repair HVAC systems and elevators.
<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.	\$195,000	\$1,030,000	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.	\$120,000	\$245,000	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 16 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>GENERAL PROJECTS (cont.):</i>			
<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.	\$4,000,000	\$16,200,000	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>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	\$14,515,400	Annual license/maintenance fees associated with this project; however, cost savings of over \$250k/year with new VOIP phone system.
<u>Refresh Program</u> This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	\$100,000	\$2,935,000	Ability to order large volume of computers at one time, reducing the impact of replacing too much equipment at one time.
<i>STORMWATER MANAGEMENT PROJECTS:</i>			
<u>County Owned Watershed Restoration Improvements</u> This project will be used for design & construction on 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.	\$2,400,000	\$6,900,000	Long term maintenance fees for new stormwater facilities.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 16 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>STORMWATER MANAGEMENT PROJECTS (cont.):</i>			
<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.	\$1,200,000	\$8,000,000	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.	\$1,250,000	\$8,263,452	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.	\$120,000	\$6,730,886	Long term maintenance fees for new stormwater facilities.
<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.	\$120,000	\$7,252,922	Long term maintenance fees for new stormwater facilities.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 16 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>PARKS AND RECREATION PROJECTS:</i>			
<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.	\$200,000	\$550,000	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.	\$425,000	\$2,500,000	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.	\$1,950,000	\$7,921,000	The department currently pays approximately \$18/acre for private contractors to mow at some park sites. Assuming a site is mowed 20 times per mowing season and assuming only half the added acreage (225) will be mowed, the cost to maintain this additional acreage is \$81,000 per mowing season. This is the equivalent of approximately 1.75 FTE Maintenance Worker I positions for the Department.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 16 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.	\$25,000	\$155,000	These projects will result in reduced operating costs and increasing operator efficiency through strategic investment in energy efficient projects.
<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.	\$0	\$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.	\$556,250	\$2,937,450	Annual license/maintenance fees associated with this project.
<u>Resurfacing Roadways</u> The purpose of this project is to upgrade and overlay the County's 630+ miles of asphalt road.	\$5,292,842	\$29,292,842	Potential for long term reductions in material costs for roadway repairs.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 16 Budget Appropriation</u>	<u>Total Project Cost</u>	<u>Operating Budget Impact</u>
<i>HIGHWAYS PROJECTS (cont.):</i>			
<u>Fleet Replacement</u> The purpose of this project is to replace existing vehicles and equipment that has exceeded their useful life.	\$1,800,000	\$12,242,000	Long term reductions in vehicle maintenance expenditures and downtime of needed equipment.
<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	\$150,000	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.	\$0	\$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 16 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.	\$556,250	\$3,074,650	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.	\$400,000	\$5,662,000	Long term reductions in vehicle maintenance expenditures and downtime of needed equipment.

Included in the FY 16 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 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</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.	7,500,000	0	0	0	0	0	\$7,500,000
<u>Fleet Maintenance Facility</u> This project will provide for engineering & design of a new Fleet Maintenance/Radio Shop facility.	150,000	0	0	0	0	0	\$150,000
<u>Harford County Ag Research & Exposition Center</u> Provides funding for site and engineering costs of an agricultural research & exposition facility.	150,000	0	0	0	0	0	\$150,000
<u>Harford County Metro Area Network (HMAN)</u> Project will use advanced telecommunications infrastructure to increase access to the web and other computer utilities for citizens, businesses & governmental entities within Harford County.	4,000,000	0	0	0	0	0	\$4,000,000
<u>Site Acquisition</u> This project is for the acquisition of privately owned land in areas of need where donated land appears unlikely.	3,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$8,000,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>STORMWATER MANAGEMENT PROJECTS:</i>							
<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.	1,400,000	700,000	700,000	700,000	700,000	700,000	\$4,900,000
<u>Joppatowne Area Watershed Restoration</u> Dredging and restoration in the areas of Foster Branch and Rumsey Island in Joppatowne.	700,000	675,000	775,000	745,000	750,000	750,000	\$4,395,000
<u>Plumtree Run Watershed Restoration</u> Stream restoration and stormwater management retrofit in the Plumtree Run Watershed.	850,000	775,000	725,000	750,000	760,000	760,000	\$4,620,000
<u>Riverside Area Watershed Restoration</u> Restoration projects in the Riverside Area Watershed including Declaration Run, Bush Creek and the Riverside community.	120,000	775,000	695,000	750,000	725,000	725,000	\$3,790,000
<u>Sams Branch Watershed Restoration</u> Provides for restoration of the Sams Branch Watershed from Edgewood Elementary School through the Edgewood Meadows Community.	120,000	705,000	675,000	725,000	725,000	725,000	\$3,675,000
<u>Sunnyview Stream Restoration</u> Design & construction of a stream restoration on the Farnandis Branch, a tributary of Bynum Run.	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 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>STORMWATER MANAGEMENT PROJECTS:</i>							
<u>Watershed Restoration Assessment</u> This project provides funding for management tools used to develop programs to address water quality issues.	1,250,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	\$7,750,000
<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.	300,000	600,000	600,000	600,000	600,000	600,000	\$3,300,000
<u>Watershed Restoration</u> This project provides funding for the annual maintenance of watershed restoration projects including but not limited to new stormwater retrofit projects.	60,000	60,000	70,000	70,000	80,000	80,000	\$420,000
<u>Wheel Creek Watershed Restoration</u> This project provides funding for prioritized restoration projects including 4 stream restorations and 5 stormwater management retrofit projects.	600,000	200,000	150,000	150,000	150,000	150,000	\$1,400,000
<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	0	100,000	0	0	0	\$100,000
<i>HARFORD COMMUNITY COLLEGE:</i>							
<u>New Nursing and Allied Health Building</u> This project provides funding for adequate classroom and lab space for current and future expansion of nursing and allied health programs.	435,000	0	0	0	0	0	\$435,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>HARFORD COMMUNITY COLLEGE:</i>							
<u>Edgewood Hall Renovation & Expansion</u> This project provides funding for a major renovation to solve systemic problems as well as add two small additions to meet programmatic needs.	0	3,500,000	0	0	0	0	\$3,500,000
<u>Regional Workforce Development Center</u> The new Regional Workforce Development Center located on the West Campus will enable the non-credit and apprentice programs to grow.	0	0	0	0	0	1,400,000	\$1,400,000
<i>BOARD OF EDUCATION</i>							
<u>Center for Educational Opportunity - HVAC</u> Provides funding to replace window units with rooftop units to air condition the entire school.	2,200,000	0	0	0	0	0	\$2,200,000
<u>North Harford Middle School Domestic Water Improve.</u> This project will replace a well and associated equipment to establish a new water supply service.	0	500,000	0	0	0	0	\$500,000
<u>Prospect Mill Elementary School HVAC</u> Project will renovate current HVAC system to be more efficient and provide better temperature and humidity control.	2,294,000	0	0	0	0	0	\$2,294,000
<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.	13,141,000	1,100,000	0	0	0	0	\$14,241,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>BOARD OF EDUCATION:</i>							
<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	26,000,000	31,000,000	10,000,000	0	0	\$67,000,000
<u>Joppatowne High School Systemic Project</u> This project includes a number of systemic projects at Joppatowne HS. Including roof and window replacement, doors, ceilings, HVAC, lighting, stadium, turf, etc.	0	0	0	0	0	9,000,000	\$9,000,000
<u>Major HVAC Repairs</u> This project provides funding for large major equipment repairs and replacement of HVAC equipment at various school buildings.	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	\$12,500,000
<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	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	\$7,500,000
<i>PARKS AND RECREATION:</i>							
<u>Harford Center for the Arts</u> This project proposes the design and construction of the Harford County Center for the Arts on a donated site.	0	0	500,000	0	0	0	\$500,000
<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 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</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	500,000	0	0	0	0	\$500,000
<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.	0	1,700,000	1,175,000	0	0	0	\$2,875,000
<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	0	600,000	0	0	600,000	\$1,200,000
<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	6,000,000	400,000		250,000	\$6,650,000
<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
<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	8,500,000	\$8,500,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>PARKS AND RECREATION:</i>							
<u>Schucks Road Regional Complex</u> Project proposes development of a 71 acre site centrally located in Harford County, to include three recreation councils.	0	0	0	0	0	700,000	\$700,000
<u>Trails and Linear Parks</u> Project proposes the acquisition, development, repair and maintenance of hiker/biker trails, greenways, and linear parks.	0	1,000,000	0	0	0	1,000,000	\$2,000,000
<u>TOTAL PLANNED 20 YEAR GENERAL FUND BONDS:</u>	38,670,000	45,090,000	50,065,000	22,240,000	10,790,000	32,740,000	\$199,595,000
<i>HIGHWAYS FUND PROJECTS:</i>							
<u>Abingdon Road Bridge #169 over CSX</u> This project replaces the existing bridge over the CSX.	100,000	100,000	525,000	0	0	0	\$725,000
<u>Carrs Mill Road Bridge #216</u> This project will replace the triple cell concrete pipe bridge that carries Carrs Mill Road over Bear Cabin Branch.	100,000	0	0	0	0	0	\$100,000
<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>Glenville Road Bridge #30</u> This project is to replace the bridge that carries Glenville Road over Mill Brook.	50,000	25,000	209,000	0	0	0	\$284,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>HIGHWAYS FUND PROJECTS:</i>							
<u>Jericho Road Bridge</u> This project will improve and maintain the wooden, covered bridge that carries Jericho Road over the little Gunpowder Falls.	30,000	0	0	0	0	0	\$30,000
<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.	25,000	330,000	0	0	0	0	\$355,000
<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	50,000	0	275,000	0	0	\$375,000
<u>Watervale Road Bridge #63</u> This project is to replace the bridge that carries Watervale Road over Winters Run.	150,000	0	0	0	0	0	\$150,000
<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>Carea Road Bridge #126</u> This project will replace the large culvert that carries Carea Road over a tributary to Big Branch.	0	20,000	0	400,000	0	0	\$420,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>HIGHWAYS FUND PROJECTS:</i>							
<u>Chestnut Hill Bridge #40</u> This project will replace the existing Chestnut Hill Road Bridge.	0	80,000	140,000	0	0	0	\$220,000
<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>Green Road Bridges #119 and #122</u> This project is to replace the bridges that carry Green Road over a tributary of Deer Creek.	0	450,000	0	0	0	0	\$450,000
<u>Johnson Mill Road Bridge #45</u> This project will replace the Johnson Mill Road Bridge over Stout Bottle Branch.	0	140,000	10,000	470,000	0	0	\$620,000
<u>Moores Road Bridge #78</u> This project will replace the bridge that carries Moores Road over a tributary to Gunpowder Falls.	0	0	200,000	25,000	0	700,000	\$925,000
<u>Prospect Road Bridge #217</u> This project will replace the three-cell culvert that carries Prospect Road over Deep Run.	0	0	10,000	0	130,000	0	\$140,000
<u>Scarboro Road Bridge #140</u> This project will replace the bridge that carries Scarboro Road over a tributary to Deer Creek.	0	0	150,000	0	10,000	0	\$160,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>HIGHWAYS FUND PROJECTS:</i>							
<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>Stafford Road Bridge #24</u> This bridge carries Stafford Road over Deer Creek.	0	150,000	0	0	0	0	\$150,000
<u>Moore's Mill Road</u> This project consists of improving Moore's Mill Road, which is a connector road between two State roads.	0	500,000	1,425,000	0	0	0	\$1,925,000
<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.	0	2,000,000	0	0	0	0	\$2,000,000
<u>Tollgate Road - Vale Road Corridor</u> This project will improve the roadway section and safety of Vale and Tollgate Roads, which carry heavy volume.	0	0	0	650,000	0	0	\$650,000
<u>TOTAL PLANNED 20 YEAR HIGHWAYS FUND BONDS:</u>	<u>505,000</u>	<u>4,070,000</u>	<u>3,694,000</u>	<u>2,650,000</u>	<u>140,000</u>	<u>2,020,000</u>	<u>\$13,079,000</u>

WATER AND SEWER FUND PROJECTS:

<u>Magnolia Booster Station</u> This project will provide for the design and construction of a replacement of the existing hydro pneumatic tank to be housed aboveground within a new building.	1,250,000	0	0	0	0	0	\$1,250,000

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

PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>WATER AND SEWER FUND PROJECTS:</i>							
<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.	2,600,000	0	1,200,000	0	0	0	\$3,800,000
<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
<u>Bush Creek Pump Station</u> This project will bring the existing Bush Creek Pump Station up to a safe pumping capacity and also replace the force main under the Bush River.	1,000,000	0	0	0	0	0	\$1,000,000
<u>Bynum Run Parallel 6&7</u> This project will provide for the funding of design, permits and construction of a parallel to the existing Bynum Run Interceptor.	450,000	0	0	3,500,000	3,500,000	0	\$7,450,000
<u>Sod Run Facility Improvements</u> This project will provide for studies, design, & construction of improvements to various tanks, vaults, buildings etc. at Sod Run.	700,000	1,300,000	1,000,000	700,000	1,000,000	500,000	\$5,200,000
<u>Ah-Ha Collector Upgrade</u> This project will provide for the design and construction of the Ah-Ha collector.	0	1,000,000	1,000,000	0	0	0	\$2,000,000

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

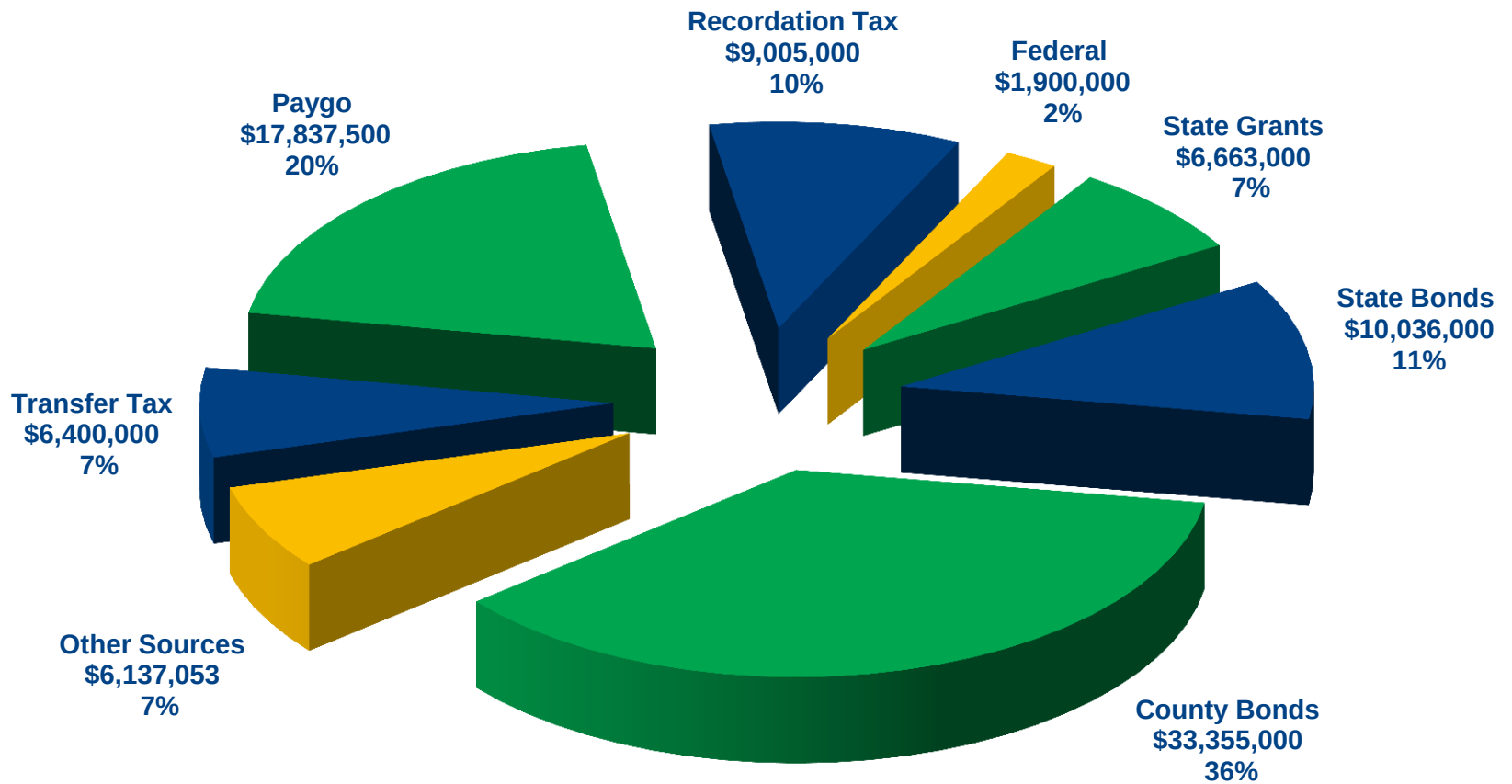
PLANNED BOND FUNDING							
<u>Project Title/Purpose</u>	<u>FY 16 Budget</u>	<u>FY 17</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>Total Bond Funding</u>
<i>WATER AND SEWER FUND PROJECTS:</i>							
<u>Bill Bass PS FM Replacement</u> This project will allow for the funding, design and construction of a new replacement force main to the Bill Bass Pump Station.	0	5,150,000	5,150,000	0	0	0	\$10,300,000
<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.	0	700,000	3,750,000	0	0	0	\$4,450,000
<u>Edgewood Interceptor Sewer Parallel</u> This project will provide design and construction of approximately 5,300 linear feet of parallel sewer between Bill Bass pump station and Winter's Run Outfall.	0	0	10,500,000	3,600,000	0	0	\$14,100,000
<u>TOTAL PLANNED 20 YEAR WATER & SEWER FUND BONDS:</u>	<u>6,000,000</u>	<u>8,480,000</u>	<u>22,600,000</u>	<u>7,800,000</u>	<u>4,500,000</u>	<u>500,000</u>	<u>\$49,880,000</u>
<u>TOTAL PLANNED 20 ALL FUNDS BONDS:</u>	<u>45,175,000</u>	<u>57,640,000</u>	<u>76,359,000</u>	<u>32,690,000</u>	<u>15,430,000</u>	<u>35,260,000</u>	<u>\$262,554,000</u>



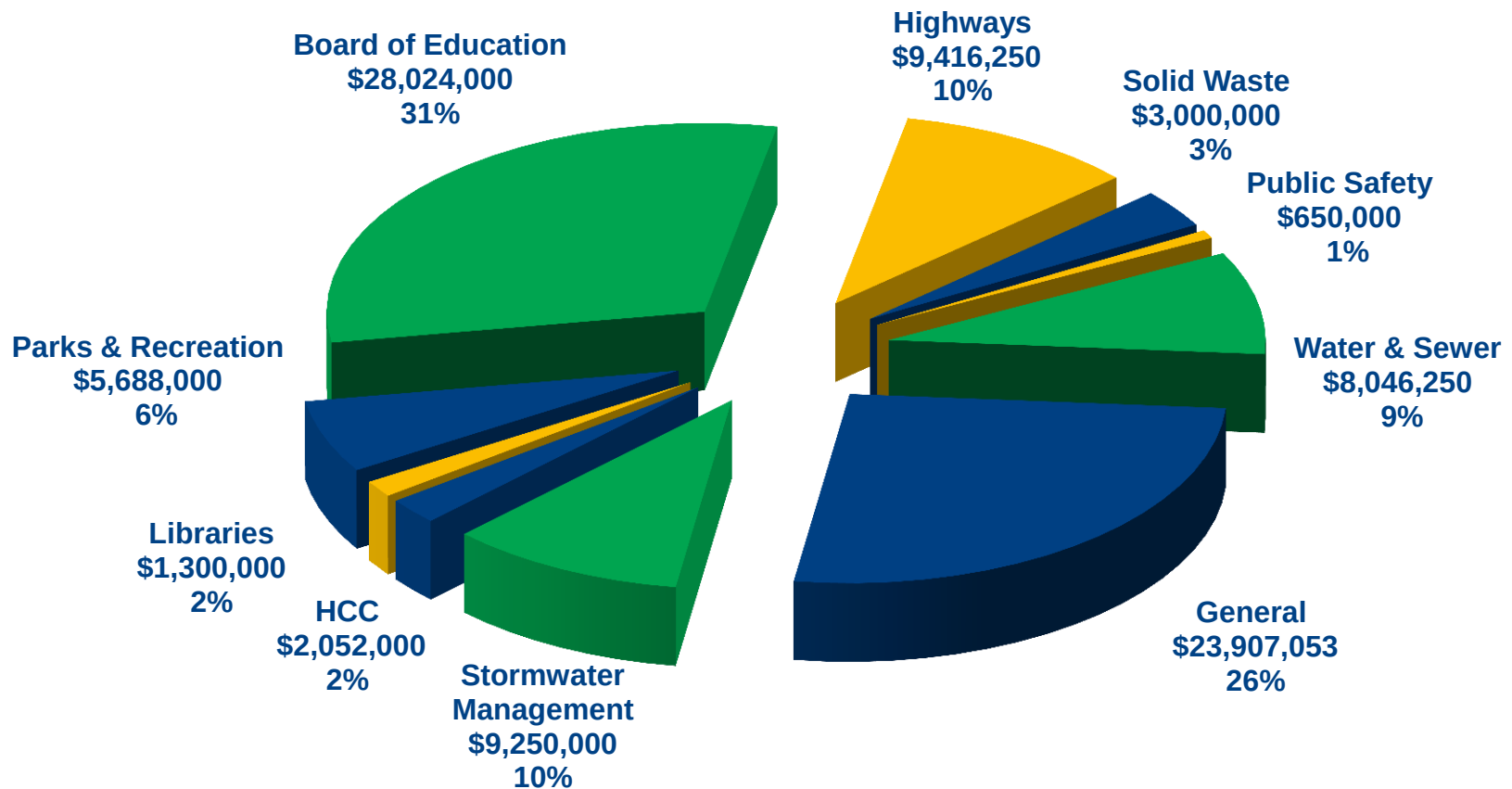
Bel Air Courthouse

FY 16 APPROVED CAPITAL BUDGET SUMMARY

**APPROVED CAPITAL BUDGET
REVENUES
FISCAL YEAR 2015 - 2016
TOTAL BUDGET \$91,333,553**



**APPROVED CAPITAL BUDGET
APPROPRIATIONS
FISCAL YEAR 2015 - 2016
TOTAL BUDGET \$91,333,553**



FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

GENERAL FUND

GENERAL CAPITAL

Board of Education Debt Service 16	16,600,000	0	0	0	3,100,000	6,400,000	7,100,000	0	0	0	0	0
Facilities Repair Program	7,682,053	0	7,500,000	0	62,053	0	0	120,000	0	0	0	0
Fleet Maintenance Facility	150,000	0	150,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,500,000	1,500,000	0	0	0	0	0	0	0	0	0	0
Fuel Dispensing System Upgrade	560,000	560,000	0	0	0	0	0	0	0	0	0	0
Harford County Agricultural Research & Exposition Center	300,000	0	0	150,000	0	0	0	150,000	0	0	0	0
Harford County Metro Area Network (HMAN)	4,000,000	0	2,000,000	2,000,000	0	0	0	0	0	0	0	0
Harford County Southern Resource Center	(12,500,000)	0	(12,500,000)	0								
Infrastructure Efficiency Capital Investment Projects	195,000	25,000	0	0	0	0	0	170,000	0	0	0	0
Refresh Program	100,000	100,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	2,000,000	2,000,000	0	0	0	0	0	0	0	0	0	0
Site Acquisition	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0	0
Underground & Aboveground Storage Tank Management	120,000	120,000	0	0	0	0	0	0	0	0	0	0
Voting Equipment	200,000	200,000	0	0	0	0	0	0	0	0	0	0

SUB-TOTAL GENERAL	23,907,053	4,505,000	150,000	2,150,000	3,162,053	6,400,000	7,100,000	440,000	0	0	0	0

STORMWATER MANAGEMENT

County Owned Watershed Restoration Improvements	2,400,000	0	0	1,400,000	0	0	0	1,000,000	0	0	0	0
Joppatowne Area Watershed Restoration	1,200,000	0	0	700,000	0	0	0	500,000	0	0	0	0
Maintenance/Repair of Dams	460,000	0	0	0	0	0	60,000	0	0	0	0	400,000
Plumtree Run Watershed Restoration	1,250,000	0	0	850,000	0	0	0	400,000	0	0	0	0
Riverside Area Watershed Restoration	120,000	0	0	120,000	0	0	0	0	0	0	0	0
Sams Branch Watershed Restoration	120,000	0	0	120,000	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention	140,000	0	0	0	0	0	140,000	0	0	0	0	0
Sunnyview Stream Restoration	600,000	0	0	400,000	0	0	0	200,000	0	0	0	0
Watershed Restoration	60,000	0	0	60,000	0	0	0	0	0	0	0	0
Watershed Restoration Assessment	1,500,000	0	0	1,250,000	0	0	0	125,000	0	125,000	0	0
Watershed Restoration Improvements	400,000	0	0	300,000	0	0	0	100,000	0	0	0	0
Wheel Creek Watershed Restoration	1,000,000	0	0	600,000	0	0	0	0	0	400,000	0	0

SUB-TOTAL STORMWATER MANAGEMENT	9,250,000	0	0	5,800,000	0	0	200,000	2,325,000	0	525,000	0	400,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>GENERAL FUND</u>												
PUBLIC SAFETY												
New Emergency Operations Center Complex	(150,000)	0	(150,000)	0	0	0	0	0	0	0	0	0
911 State Fee Fund	100,000	0	0	0	0	0	0	100,000	0	0	0	0
Public Safety Communication in School Buildings	100,000	100,000	0	0	0	0	0	0	0	0	0	0
VFC Facility Repair	600,000	600,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	650,000	700,000	(150,000)	0	0	0	0	100,000	0	0	0	0
HARFORD COMMUNITY COLLEGE												
Computer Equipment Technology	790,000	0	0	0	0	0	0	0	0	0	0	790,000
Nursing and Allied Health Building	1,012,000	0	0	435,000	0	0	0	577,000	0	0	0	0
Site and Parking Lot Improvements	250,000	0	0	0	0	0	0	0	0	0	0	250,000
SUB-TOTAL HCC	2,052,000	0	0	435,000	0	0	0	577,000	0	0	0	1,040,000
LIBRARIES												
Havre de Grace Expansion	1,300,000	0	0	0	0	0	0	1,000,000	0	0	0	300,000
SUB-TOTAL LIBRARIES	1,300,000	0	0	0	0	0	0	1,000,000	0	0	0	300,000
<u>GENERAL FUND</u>												
BOARD OF EDUCATION												
Center for Educational Opportunity HVAC	4,625,000	0	0	2,200,000	0	0	0	2,425,000	0	0	0	0
Churchville Elementary School Roof Replacement	825,000	0	0	330,000	0	0	0	495,000	0	0	0	0
North Harford MS Domestic Water System Improvements	500,000	0	0	500,000	0	0	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	0	0	2,294,000	0	0	0	2,391,000	0	0	0	0
Technology Education Lab Refresh	250,000	250,000	0	0	0	0	0	0	0	0	0	0
Youth's Benefit Elementary School Replacement	17,139,000	0	0	13,141,000	0	0	0	3,998,000	0	0	0	0
SUB-TOTAL BOARD OF EDUCATION	28,024,000	250,000	0	18,465,000	0	0	0	9,309,000	0	0	0	0
SUB-TOTAL GENERAL FUND CAPITAL	65,183,053	5,455,000	0	26,850,000	3,162,053	6,400,000	7,300,000	13,751,000	0	525,000	0	1,740,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

SOLID WASTE SERVICES

SOLID WASTE SERVICES												
Waste-to-Energy Facility Closure	3,000,000	3,000,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	3,000,000	3,000,000	0	0	0	0	0	0	0	0	0	0

TOTAL ALL GENERAL FUND CAPITAL	68,183,053	8,455,000	0	26,850,000	3,162,053	6,400,000	7,300,000	13,751,000	0	525,000	0	1,740,000

PARKS & RECREATION FUND

PARKS & RECREATION												
Backstop Renovations	75,000	0	0	0	0	0	50,000	0	0	0	0	25,000
Broad Creek Boat Launch Ramp	30,000	0	0	0	0	0	0	0	0	30,000	0	0
Canoe and Kayak Water Access	200,000	0	0	0	0	0	0	100,000	0	0	0	100,000
Churchville Center Renovations	80,000	0	0	0	0	0	80,000	0	0	0	0	0
Eden Mill Park Rehabilitation	30,000	0	0	0	0	0	30,000	0	0	0	0	0
Edgeley Grove Farm - Smith Property	25,000	0	0	0	0	0	25,000	0	0	0	0	0
Emily Bayliss Graham Park	425,000	0	0	0	0	0	0	0	0	0	0	425,000
Emmorton Recreation and Tennis Center Improvements	275,000	0	0	0	0	0	0	0	200,000	0	0	75,000
Facility Renovations	270,000	0	0	0	0	0	170,000	0	0	0	0	100,000
Flying Point Park Improvements	109,000	0	0	0	0	0	10,000	99,000	0	0	0	0
Francis Silver Park Improvements	25,000	0	0	0	0	0	25,000	0	0	0	0	0
Gunpowder River Dredging	100,000	0	0	0	0	0	0	100,000	0	0	0	0
Harford Center for the Arts	50,000	0	0	0	0	0	0	0	0	0	0	50,000
Heavenly Waters Park	300,000	0	0	0	0	0	0	300,000	0	0	0	0
Heavenly Waters Park - Soma	100,000	100,000	0	0	0	0	0	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	75,000	0	0	0	0	0	75,000	0	0	0	0	0
Liriodendron Improvements	100,000	0	0	0	0	0	100,000	0	0	0	0	0
Natural Turf Improvements	130,000	0	0	0	0	0	80,000	0	0	0	0	50,000
Park Improvements	160,000	0	0	0	0	0	60,000	0	0	0	100,000	0
Parking Lot Paving	200,000	0	0	0	0	0	200,000	0	0	0	0	0
Parkland Acquisition	1,950,000	0	0	0	0	0	50,000	0	1,900,000	0	0	0
Playground Equipment	200,000	0	0	0	0	0	200,000	0	0	0	0	0
Promenade Park	15,000	0	0	0	0	0	15,000	0	0	0	0	0
Robert Copenhaver Park Improvements	225,000	0	0	0	0	0	225,000	0	0	0	0	0
Swan Harbor Farm Improvements*	239,000	130,000	0	0	0	0	10,000	99,000	0	0	0	0
Stormwater Pond Repair and Renovation	200,000	0	0	0	0	0	200,000	0	0	0	0	0
Tennis/Multipurpose Court	100,000	0	0	0	0	0	100,000	0	0	0	0	0
*Paygo Special Revenue												
TOTAL PARKS & RECREATION CAPITAL	5,688,000	230,000	0	0	0	0	1,705,000	698,000	2,100,000	30,000	100,000	825,000

FY 16 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	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	300,000	0	0	100,000	0	0	0	0	0	200,000	0	0
Bridge and Road Scour Repairs	150,000	150,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program	50,000	50,000	0	0	0	0	0	0	0	0	0	0
Bridge Rehabilitation	200,000	200,000	0	0	0	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	250,000	0	0	100,000	0	0	0	0	0	150,000	0	0
Fawn Grove Road Bridge #132	(165,000)	(165,000)	0	0	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	250,000	0	0	50,000	0	0	0	0	0	200,000	0	0
Jericho Road Bridge	30,000	0	0	30,000	0	0	0	0	0	0	0	0
Macton Road Bridge #145	(96,260)	(96,260)	0	0	0	0	0	0	0	0	0	0
New Park Road Bridge #125	25,000	0	0	25,000	0	0	0	0	0	0	0	0
Phillips Mill Road Bridge #70	100,000	0	0	50,000	0	0	0	0	0	50,000	0	0
Robinson Mill Road Bridge #154	120,000	0	0	0	0	0	0	0	0	120,000	0	0
Watervale Road Bridge #63	775,000	0	0	150,000	0	0	0	0	0	625,000	0	0

SUB-TOTAL BRIDGES	1,988,740	138,740	0	505,000	0	0	0	0	0	1,345,000	0	0

ROADWAYS

Drainage Improvments	(50,000)	(50,000)	0	0	0	0	0	0	0	0	0	0
Guardrails	100,000	100,000	0	0	0	0	0	0	0	0	0	0
MD 152/Oakmont Road/Port Lane	(150,000)	(150,000)	0	0	0	0	0	0	0	0	0	0
Schucks Road Culvert Replacement	(750,000)	(750,000)	0	0	0	0	0	0	0	0	0	0
Schucks Road Improvements	(162,808)	(162,808)	0	0	0	0	0	0	0	0	0	0
Stormdrain Replacement	100,000	100,000	0	0	0	0	0	0	0	0	0	0
Wheel Road/Laurel Bush to Fairway	(23,774)	(23,774)	0	0	0	0	0	0	0	0	0	0

SUB-TOTAL ROADWAYS	(936,582)	(936,582)	0	0	0	0	0	0	0	0	0	0

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

RESURFACING

Resurfacing Roadways	5,292,842	4,982,842	0	0	310,000	0	0	0	0	0	0	0
SUB-TOTAL RESURFACING	5,292,842	4,982,842	0	0	310,000	0	0	0	0	0	0	0

OTHER

APG Gate Pilot*	590,000	590,000	0	0	0	0	0	0	0	0	0	0
Efficiency Capital Investment Project	25,000	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,800,000	1,800,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	556,250	556,250	0	0	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	100,000	100,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	3,071,250	3,071,250	0	0	0	0	0	0	0	0	0	0

*Paygo funding is dedicated from the PILOT agreement

TOTAL HIGHWAYS FUND CAPITAL	9,416,250	7,256,250	0	505,000	310,000	0	0	0	0	1,345,000	0	0

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	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 Project	150,000	0	0	0	0	0	0	150,000	0	0	0	0
Fleet Replacement	400,000	400,000	0	0	0	0	0	0	0	0	0	0
Magnolia Booster Station	1,250,000	0	0	1,250,000	0	0	0	0	0	0	0	0
Safeguarding Business Operations	556,250	556,250	0	0	0	0	0	0	0	0	0	0
Tank Painting	700,000	700,000	0	0	0	0	0	0	0	0	0	0
US 40 and Rt. 159 SHA Water Relocation	2,600,000	0	0	2,600,000	0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	5,656,250	1,656,250	0	3,850,000	0	0	0	150,000	0	0	0	0
SEWER PROJECTS												
Bush Creek Pump Station	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0
Bynum Run Parallel 6&7	450,000	0	0	450,000	0	0	0	0	0	0	0	0
Ring Factory Pump Station & Fairwind Farms Abandonment	240,000	240,000	0	0	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	700,000	0	0	700,000	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER PROJECTS	2,390,000	240,000	0	2,150,000	0	0	0	0	0	0	0	0
TOTAL WATER & SEWER FUND CAPITAL	8,046,250	1,896,250	0	6,000,000	0	0	0	150,000	0	0	0	0
	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
TOTAL PROPOSED CAPITAL BUDGET	91,333,553	17,837,500	0	33,355,000	3,472,053	6,400,000	9,005,000	14,599,000	2,100,000	1,900,000	100,000	2,565,000

FISCAL YEAR 2016 APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2016 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 "On-going" 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 2016 Capital Budget consists of 104 projects at a total cost of \$91,333,553. 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 March, 2015 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 2016 APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2016 EXPENDITURES

The following is a brief description of capital projects planned for Fiscal Year 2016:

General Capital Projects

The County Capital Budget contains fourteen General projects for FY 2016, totaling \$23,907,053. Projects in the General category for FY 2016 include debt service for the Board of Education; a project to fund repairs and renovations to County buildings and structures; necessary fleet replacement; upgrade of the County's fuel dispensing system; funding for site acquisition; and a project to begin site and engineering for an agricultural research and exposition facility.

There are three Information and Communication Technology related projects that include expansion of the Harford County Metro Area Network (HMAN), a refresh program for Countywide computers, and integration/modernization of enterprise software applications and architecture across the County.

Stormwater Management

The FY 2016 Stormwater Management Capital budget consists of twelve projects and totals \$9,250,000. 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 2016 Capital Budget includes \$650,000 for public safety, divided among the Department of Emergency Services and the Volunteer Fire Companies.

Emergency Services will continue to purchase and install bi-directional amplifiers (BDA's) in County schools, therefore greatly improving radio coverage for public safety; and funding is appropriated for the Volunteer Fire Companies to repair/renovate their existing stations to include systemic repairs, roofs, paving, etc.

FISCAL YEAR 2016 APPROVED CAPITAL BUDGET HIGHLIGHTS

Harford Community College Projects

Harford Community College has three capital projects for FY 2016 totaling \$2,052,000. While these projects are primarily funded with College funds, County funding has been approved to provide a right turn lane on Route 22 to assist with increased traffic associated with Darlington Hall, the Susquehanna Center and the newly renovated Arena.

Board of Education Projects

Funding for the Board of Education includes two major comprehensive HVAC projects at the Center for Educational Opportunity and Prospect Mill Elementary School. Also included is funding to continue the replacement of Youth's Benefit Elementary School; roof replacement and water system improvements at Churchville Elementary School and North Harford Middle School; and an appropriation for technology education lab refresh.

Solid Waste Services Projects

The Solid Waste services capital budget has appropriated funding for the decommissioning and demolishing of the Harford Waste to Energy facility, following the expiration of the operating contract in 2016.

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 2016, Harford County has appropriated funds for 27 projects totaling \$5,688,000. These projects include the development/improvements of many parks and complexes; facility renovations; dredging; parkland acquisition; natural turf improvements; and playground equipment replacements.

FISCAL YEAR 2016 APPROVED CAPITAL BUDGET HIGHLIGHTS

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 26 projects funded for the Highways Capital budget, totaling \$9,416,250. 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 2016 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.

Water and Sewer Projects

The Water and Sewer Capital Budget proposes funding for ten capital projects in FY 2016 totaling \$8,046,250. These projects continue to provide improvements and future growth to Harford County's existing infrastructure. Funding proposed for FY 2016 provides for the design and construction of a replacement existing hydro pneumatic tank at the Magnolia Booster Station; water transmission main relocation at US 40 and Rt. 159, involving the State Highway Administration; replacement of a force main at the Bush Creek Pump Station; and improvements at the Sod Run Facility.

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, 2014</u>	<u>35,896,358</u>	<u>12,707,491</u>	<u>3,089,043</u>	<u>51,692,892</u>
Less: Restricted Fund Balance				
Recordation and Transfer Tax	1,955,920	0	403,329	2,359,249
Bond Proceeds	6,257,410	0	0	6,257,410
Less: Unrestricted Fund Balance				
Appropriation of Fund Balance	1,051,134	897,707	0	1,948,841
Encumbrances	<u>26,631,894</u>	<u>11,809,784</u>	<u>2,685,714</u>	<u>41,127,392</u>
	<u>35,896,358</u>	<u>12,707,491</u>	<u>3,089,043</u>	<u>51,692,892</u>
Fund Balance Available for Appropriation at June 30, 2014				
Undesignated Fund Balance	0	0	0	0
Estimated Revenues - Open Project	712,871,922	86,277,143	65,803,020	864,952,085
Estimated Expenditures - Open Project	<u>(712,609,810)</u>	<u>(86,004,340)</u>	<u>(65,673,433)</u>	<u>(864,287,583)</u>
Fund Balance Available for Appropriation at June 30, 2015				
Undesignated Fund Balance	<u>262,112</u>	<u>272,803</u>	<u>129,587</u>	<u>664,502</u>
Fund Balance Available for Appropriation at June 30, 2015				
Undesignated Fund Balance	262,112	272,803	129,587	664,502
Estimated Revenues Fiscal Year 2016				
Paygo	8,455,000	7,256,250	230,000	15,941,250
Recordation Tax	7,300,000	0	1,705,000	9,005,000
Transfer Tax	6,400,000	0	0	6,400,000
Reappropriated from Prior Projects	3,162,053	310,000	0	3,472,053
Future Bonds	26,850,000	505,000	0	27,355,000
Federal Grant	525,000	1,345,000	30,000	1,900,000
State Bonds	10,036,000	0	0	10,036,000
State Grants	3,715,000	0	2,798,000	6,513,000
Developer Contribution	0	0	100,000	100,000
Other	<u>1,740,000</u>	<u>0</u>	<u>825,000</u>	<u>2,565,000</u>
Total Estimated Revenues Fiscal Year 2016	<u>68,183,053</u>	<u>9,416,250</u>	<u>5,688,000</u>	<u>83,287,303</u>
Estimated Expenditures Fiscal Year 2016	<u>(68,183,053)</u>	<u>(9,416,250)</u>	<u>(5,688,000)</u>	<u>(83,287,303)</u>
Fund Balance Available for Appropriation at June 30, 2016				
Undesignated Fund Balance	<u>262,112</u>	<u>272,803</u>	<u>129,587</u>	<u>664,502</u>

DEDICATED RECORDATION TAX STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	BOARD OF EDUCATION	PARKS & RECREATION	WATER & SEWER DEBT SERVICE	STORMWATER MANAGEMENT DEBT SERVICE
UNDESIGNATED RECORDATION TAX FUND BALANCE				
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2014	1,033,078	335,775	0	0
Plus Fiscal Year 2015 Estimated Recordation Tax Revenues	8,100,000	2,025,600	2,025,600	0
Less Fiscal Year 2015 Estimated Expenditures	<u>(8,133,078)</u>	<u>(1,960,000)</u>	<u>(2,025,600)</u>	<u>0</u>
 ESTIMATED RECORDATION TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2015	1,000,000	401,375	0	0
Plus Fiscal Year 2016 Estimated Revenues:				
2016 Recordation Tax receipts	7,100,000	1,700,000	0	1,700,000
Less Fiscal Year 2016 Estimated Expenditures	<u>(8,100,000)</u>	<u>(1,705,000)</u>	<u>0</u>	<u>(200,000)</u>
 ESTIMATED RECORDATION TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2016	<u>0</u>	<u>396,375</u>	<u>0</u>	<u>1,500,000</u>

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

	<u>WATER & SEWER</u>
Unrestricted Net Assets June 30, 2014	0
Estimated Revenues - Open Projects	253,789,581
Estimated Expenditures - Open Projects	<u>(253,789,581)</u>
Estimated Unrestricted Net Assets June 30, 2015	<u><u>0</u></u>
 Estimated Revenues Fiscal Year 2016	
Paygo	1,896,250
Future Bonds	6,000,000
State	<u>150,000</u>
Total Estimated Revenues Fiscal Year 2016	8,046,250
Estimated Expenditures Fiscal Year 2016	(8,046,250)
Estimated Unrestricted Net Assets June 30, 2016	<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, 2014	53,151,491	0
Less: Committed Fund Balance Designated for Other Purposes	<u>(48,625,100)</u>	<u>0</u>
UNDESIGNATED TRANSFER TAX FUND BALANCE AVAILABLE FOF APPROPRIATION AT JUNE 30, 2014	4,526,391	0
Plus Fiscal Year 2015 Estimated Revenues:		
Transfer Tax		
2015 Transfer Tax receipts	6,400,000	6,400,000
Other Revenues	4,910,000	0
Less Fiscal Year 2015 Estimated Expenditures	<u>(9,900,000)</u>	<u>(4,300,000)</u>
UNDESIGNATED TRANSFER TAX FUND BALANCE AVAILABLE FOF APPROPRIATION AT JUNE 30, 2015	5,936,391	2,100,000
Plus Fiscal Year 2016 Estimated Revenues:		
Transfer Tax		
2016 Transfer Tax receipts	6,400,000	6,400,000
Other Revenue	4,985,500	0
Less Fiscal Year 2016 Estimated Expenditures	<u>(13,493,671)</u>	<u>(8,500,000)</u>
ESTIMATED TRANSFER TAX FUND BALANCE AVAILABLE FOF APPROPRIATION AT JUNE 30, 2016	<u><u>3,828,220</u></u>	<u><u>0</u></u>

DEDICATED IMPACT FEE STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	BOARD OF EDUCATION
UNDESIGNATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2014	0
Plus Fiscal Year 2015 Estimated Impact Fee Revenues	2,500,000
Less Fiscal Year 2015 Estimated Expenditures	<u>(2,500,000)</u>
ESTIMATE IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2015	0
Plus Fiscal Year 2016 Estimated Revenues:	
Fiscal Year 2016 Impact Fee Revenues	2,500,000
Less Fiscal Year 2016 Estimated Expenditures	<u>(2,500,000)</u>
ESTIMATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2016	<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.

Then in 1982, the County via Resolution No. 21-82, effective May 11, 1982 increased the Recordation Tax rate \$.55 for each \$500 of consideration and dedicated a portion of the proceeds to pay a portion of the Water and Sewer Systems' debt service.

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 16 Recordation Tax revenues are appropriated as follows:

Harford County's FY 16 Operating Budget

\$8,100,000

From FY 16 Estimated Recordation Tax Receipts:

\$7,100,000

Board of Education Debt Service

\$7,100,000

Principal Payments	\$6,540,838
Interest Payments	559,162
	\$7,100,000

Water & Sewer Debt Service

\$0

From Prior Year Recordation Tax Receipts

\$1,000,000

Board of Education Debt Service

\$1,000,000

Principal Payments	\$913,279
Interest Payments	86,721
	\$1,000,000

Water & Sewer Debt Service

\$0

Harford County's FY 16 Capital Budget

\$1,905,000

Board of Education

\$0

No Board of Education capital projects are funded with Recordation Tax for FY 16.

Stormwater Management Projects

\$200,000

Maintenance/Repair of Dams	60,000
Stormwater Pollution Prevention	140,000

Parks & Recreation Projects

\$1,705,000

Backstop Renovations	50,000	Parking Lot Paving	200,000
Churchville Center Renovations	80,000	Parkland Acquisition	50,000
Eden Mill Park Renovation	30,000	Playground Equipment	200,000
Edgeley Grove Farm - Smith Property	25,000	Promenade Park	15,000
Facility Renovations	170,000	Robert Copenhaver Park	225,000
Flying Point Park Improvements	10,000	Swan Harbor Farm Improve.	10,000
Francis Silver Park Improvements	25,000	Stormwater Pond Repair	200,000
Indoor Recreation Facility	75,000	Tennis/Multipurpose Courts	100,000
Liriodendron Improvements	100,000		
Natural Turf Improvements	80,000		
Park Improvements	60,000		

Total Recordation Tax revenues appropriated for Fiscal Year 2016

\$10,005,000

DEDICATED CAPITAL FUNDING

The following table provides a recent history of actual Recordation Tax collections and the estimated amount of collections for FY 15:

<u>Fiscal Year</u>	<u>Board of Education</u>	<u>Parks & Recreation</u>	<u>Water and Sewer</u>	<u>Total</u>
2006	\$15,775,947	\$3,943,394	\$3,943,394	\$23,662,735
2007	\$12,856,574	\$3,213,661	\$3,213,661	\$19,283,896
2008	\$10,000,350	\$2,501,024	\$2,501,024	\$15,002,398
2009	\$6,289,591	\$1,572,507	\$1,572,507	\$9,434,605
2010	\$6,824,072	\$1,706,028	\$1,706,028	\$10,236,128
2011	\$6,604,738	\$1,651,107	\$1,651,107	\$9,906,952
2012	\$6,346,877	\$1,563,037	\$1,514,835	\$9,424,749
2013	\$6,300,000	\$1,626,945	\$1,626,945	\$9,553,890
2014	\$7,000,000	\$1,800,000	\$1,800,000	\$10,600,000
2015	\$8,100,000	\$2,025,600	\$2,025,600	\$12,151,200

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 16 Transfer Tax revenues are appropriated as follows:

Harford County's FY 16 Operating Budget

From FY 16 Estimated Transfer Tax Receipts:		\$12,800,000

Agricultural Preservation Fund		\$6,400,000

Board of Education Debt Service		\$6,400,000

Principal Payments	\$3,505,235	
Interest Payments	2,894,765	
	\$6,400,000	

From Prior Year Transfer Tax Receipts		\$2,100,000

Board of Education Debt Service		

Principal Payments	\$1,764,652	
Interest Payments	335,348	
	\$2,100,000	

Harford County's FY 2016 Capital Budget

Board of Education Capital Projects		\$0

No Board of Education capital projects are funded with Transfer Tax for FY 16.

Total Transfer Tax revenues appropriated for Fiscal Year 2016		<u>\$14,900,000</u>

DEDICATED CAPITAL FUNDING

The following table provides a recent history of actual Transfer Tax collections and the estimated amount of collections for FY 15:

<u>Fiscal Year</u>	<u>Public Schools</u>	<u>Agricultural Preservation</u>	<u>Total</u>
2006	\$11,305,113	\$11,305,116	\$22,610,229
2007	\$8,732,815	\$8,732,016	\$17,464,831
2008	\$6,933,019	\$6,933,019	\$13,866,038
2009	\$4,573,264	\$4,573,265	\$9,146,529
2010	\$5,549,154	\$5,549,154	\$11,098,308
2011	\$5,620,987	\$5,620,987	\$11,241,974
2012	\$5,194,552	\$5,194,552	\$10,389,104
2013	\$5,600,000	\$5,600,000	\$11,200,000
2014	\$5,600,000	\$5,600,000	\$11,200,000
2015	\$6,400,000	\$6,400,000	\$12,800,000

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 2015 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	2,484,000
2015	2,500,000

HARFORD COUNTY, MARYLAND BOARD OF EDUCATION DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS FY 16 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS							
FY 16 RECORDATION TAX AVAILABLE							7,100,000
PRIOR YEAR RECORDATION TAX							1,000,000
FY 16 TRANSFER TAX AVAILABLE							6,400,000
PRIOR YEAR TRANSFER TAX							2,100,000
IMPACT FEES APPROPRIATED							2,500,000
GENERAL FUNDS APPROPRIATED							12,609,489
TOTAL FUNDS AVAILABLE FOR SCHOOL DEBT SERVICE							31,709,489

FUNDS APPROPRIATED FOR SCHOOL DEBT SERVICE:							
	PRINCIPAL						
	FY 16 RECORDATION	PRIOR YEAR RECORDATION	FY 16 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 16 GENERAL FUNDS	TOTAL
School Bonds of 2005	1,354,912						1,354,912
School Bonds of 2007	4,493,804						4,493,804
Refunding Bonds of 2009	692,122	142,476					834,598
School Bonds of 2009		770,803	2,917,864				3,688,667
Refunding Bonds of 2010			587,371	593,928			1,181,299
School Bonds of 2010 Series A				1,170,724	2,500,000	1,777,876	5,448,600
School Bonds of 2010 Series B							0
Refunding Bonds of 2012						505,234	505,234
School Bonds of 2012						706,605	706,605
School Bonds of 2013						507,992	507,992
Refunding Bonds of 2013						117,393	117,393
School Bonds of 2014						193,057	193,057
School Bonds of 2015						700,000	700,000
TOTAL	6,540,838	913,279	3,505,235	1,764,652	2,500,000	4,508,157	19,732,161

	INTEREST						
	FY 16 RECORDATION	PRIOR YEAR RECORDATION	FY 16 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 16 GENERAL FUNDS	TOTAL
School Bonds of 2005	33,873						33,873
School Bonds of 2007	525,289						525,289
Refunding Bonds of 2009		86,721					86,721
School Bonds of 2009			2,894,765				2,894,765
Refunding Bonds of 2010				335,348			335,348
School Bonds of 2010 Series A						1,589,175	1,589,175
School Bonds of 2010 Series B						3,203,777	3,203,777
Refunding Bonds of 2012						106,891	106,891
School Bonds of 2012						390,313	390,313
School Bonds of 2013						355,200	355,200
Refunding Bonds of 2013						1,609,343	1,609,343
School Bonds of 2014						146,633	146,633
School Bonds of 2015						700,000	700,000
TOTAL	559,162	86,721	2,894,765	335,348	0	8,101,332	11,977,328

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	32,690,088	60.36%	19,732,161	6,540,838	913,279	3,505,235	1,764,652	2,500,000	4,508,157
	32,690,088	60.36%	19,732,161	6,540,838	913,279	3,505,235	1,764,652	2,500,000	4,508,157
Interest									
662110 Interest	19,097,631	62.72%	11,977,328	559,162	86,721	2,894,765	335,348	0	8,101,332
	19,097,631	62.72%	11,977,328	559,162	86,721	2,894,765	335,348	0	8,101,332
Cost of Issuance									
664110 Service Costs	640,000	0.00%	0	0	0	0	0	0	0
Total General Fund Debt Service	52,427,719	60.48%	31,709,489	7,100,000	1,000,000	6,400,000	2,100,000	2,500,000	12,609,489

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

GENERAL FUND

GENERAL CAPITAL

FY 16 Funded Projects:

Board of Education Debt Service 16	16,600,000	0	16,600,000	0	0	0	0	0
Facilities Repair Program	17,844,905	8,662,852	7,682,053	0	0	500,000	500,000	500,000
Fleet Maintenance Facility	150,000	0	150,000	0	0	0	0	0
Fleet Replacement	14,040,000	4,040,000	1,500,000	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000
Fuel Dispensing System Upgrade	1,715,000	855,000	560,000	300,000	0	0	0	0
Harford County Agricultural Research & Exposition Ctr.	300,000	0	300,000	0	0	0	0	0
Harford County Metro Area Network (HMAN)	16,200,000	12,200,000	4,000,000	0	0	0	0	0
Harford County Southern Resource Annex	17,910,362	30,410,362	(12,500,000)	0	0	0	0	0
Infrastructure Efficiency Capital Investment Project	1,030,000	710,000	195,000	25,000	25,000	25,000	25,000	25,000
Refresh Program	2,935,000	2,385,000	100,000	150,000	150,000	150,000	0	0
Safeguarding Business Operations	14,515,400	8,515,400	2,000,000	2,000,000	2,000,000	0	0	0
Site Acquisition 06	28,757,761	20,757,761	3,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Underground and Aboveground Storage Tank Mgmt.	245,000	75,000	120,000	0	25,000	0	25,000	0
Voting Equipment	200,000	0	200,000	0	0	0	0	0

Open Projects:

Automated External Defibrillators (AEDs)	20,000	20,000	0	0	0	0	0	0
Bel Air Parking Garage	645,000	645,000	0	0	0	0	0	0
Board of Education Debt Service 12	12,829,734	12,829,734	0	0	0	0	0	0
Board of Education Debt Service 13	18,258,301	18,258,301	0	0	0	0	0	0
Board of Education Debt Service 14	13,600,000	13,600,000	0	0	0	0	0	0
Board of Education Debt Service 15	14,260,492	14,260,492	0	0	0	0	0	0
Citizens Care Center	2,000,000	2,000,000	0	0	0	0	0	0
Countywide Facilities Master Plan	1,950,000	1,950,000	0	0	0	0	0	0
Courthouse Building Repairs	5,034,900	5,034,900	0	0	0	0	0	0
Emergency Needs	1,245,776	1,245,776	0	0	0	0	0	0
Enterprise Resource System	25,000	25,000	0	0	0	0	0	0
45 South Main Street - Add Emergency Power Systems	600,000	600,000	0	0	0	0	0	0
GIS Update	250,000	250,000	0	0	0	0	0	0
Gordon Street	420,000	420,000	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
One Maryland Broadband	5,250,000	5,250,000	0	0	0	0	0	0
Reforestation and Buffer Mitigation - Critical Area	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	FIVE YEAR CAPITAL PROGRAM				
			FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
GENERAL CAPITAL								
Open Projects:								
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
Treasury Computer Enhancements	175,000	175,000	0	0	0	0	0	0
General Capital Total by Project	218,227,631	174,395,578	23,907,053	4,475,000	4,700,000	3,675,000	3,550,000	3,525,000
Paygo	45,644,502	26,214,502	4,505,000	3,475,000	3,700,000	2,675,000	2,550,000	2,525,000
Reappropriated	18,779,038	15,616,985	3,162,053	0	0	0	0	0
Future Bonds	7,150,000	0	2,150,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Prior Bonds	73,532,521	73,382,521	150,000	0	0	0	0	0
Transfer Tax	27,200,000	20,800,000	6,400,000	0	0	0	0	0
Recordation Tax	32,900,000	25,800,000	7,100,000	0	0	0	0	0
State	1,720,000	1,280,000	440,000	0	0	0	0	0
Federal	7,150,621	7,150,621	0	0	0	0	0	0
Developer	780,000	780,000	0	0	0	0	0	0
Other	3,370,949	3,370,949	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
General Capital Total by Fund	218,227,631	174,395,578	23,907,053	4,475,000	4,700,000	3,675,000	3,550,000	3,525,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER
<u>GENERAL FUND</u>												
<u>GENERAL CAPITAL</u>												
Board of Education Debt Service 16	16,600,000	0	0	0	3,100,000	6,400,000	7,100,000	0	0	0	0	0
Facilities Repair Program	7,682,053	0	7,500,000	0	62,053	0	0	120,000	0	0	0	0
Fleet Maintenance Facility	150,000	0	150,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,500,000	1,500,000	0	0	0	0	0	0	0	0	0	0
Fuel Dispensing System Upgrade	560,000	560,000	0	0	0	0	0	0	0	0	0	0
Harford County Agricultural Research & Exposition Center	300,000	0	0	150,000	0	0	0	150,000	0	0	0	0
Harford County Metro Area Network (HMAN)	4,000,000	0	2,000,000	2,000,000	0	0	0	0	0	0	0	0
Harford County Southern Resource Center	(12,500,000)	0	(12,500,000)	0								
Infrastructure Efficiency Capital Investment Projects	195,000	25,000	0	0	0	0	0	170,000	0	0	0	0
Refresh Program	100,000	100,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	2,000,000	2,000,000	0	0	0	0	0	0	0	0	0	0
Site Acquisition	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0	0
Underground & Aboveground Storage Tank Management	120,000	120,000	0	0	0	0	0	0	0	0	0	0
Voting Equipment	200,000	200,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL GENERAL	23,907,053	4,505,000	150,000	2,150,000	3,162,053	6,400,000	7,100,000	440,000	0	0	0	0

PROJECT: Board of Education Debt Service 16**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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		16,600,000	16,600,000						16,600,000
Total Cost	0	16,600,000	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	0	16,600,000	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

Expended	0
Encumbered	0
Total	\$0

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

This project is ongoing for the County, it's purpose is to repair and renovate buildings, roofs, parking lots, HVAC systems, windows and other structures as needed throughout the County.

**PROJECT SCHEDULE:**

FY 16 - 45 S. Main Street window replacement, roof, plumbing and installation; 220 S. Main Street mansard; Fallston Library and 611 North Fountain Green parking lots

FY 17 - 45 S. Main Street HVAC controls replacement; 220 S. Main Street boilers and heat pump; 212 S. Bond Street heat pumps

FY 18 - 1221 Brass Mill Road Library Administration building HVAC system; Aberdeen Community Service bldg roof, boiler and heat pump

PROJECT STATUS:

This project is ongoing.

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	824,041	30,000	854,041					36,000	890,041
Land Acquisition			0						0
Construction	7,532,193	7,632,053	15,164,246			500,000	500,000	450,000	16,614,246
Inspection Fees	306,618	20,000	326,618					14,000	340,618
Equipment/Furnishing			0						0
Total Cost	8,662,852	7,682,053	16,344,905	0	0	500,000	500,000	500,000	17,844,905

FUNDING SCHEDULE

R8750 Paygo	7,427,560		7,427,560			500,000	500,000	500,000	8,927,560
R8089 Reappropriated Paygo		62,053	62,053						62,053
R3150 Federal - ARRA Funds	875,792		875,792						875,792
R3199 Federal Other	340,000		340,000						340,000
R6999 Other	19,500		19,500						19,500
R3399 State Other		120,000	120,000						120,000
R7100 Prior Bonds		7,500,000	7,500,000						7,500,000
Total Funds	8,662,852	7,682,053	16,344,905	0	0	500,000	500,000	500,000	17,844,905

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	7,657,471
Encumbered	409,423
Total	\$8,066,894

PROJECT: Fleet Maintenance Facility**GENERAL****COUNCIL DISTRICT: C****LOCATION: Various****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:****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		150,000	150,000						150,000
Total Cost	0	150,000	150,000	0	0	0	0	0	150,000

FUNDING SCHEDULE

R7100 Prior Bonds		150,000	150,000						150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	150,000	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: Fleet Replacement**GENERAL****COUNCIL DISTRICT: C****LOCATION: Various****A124102****PROJECT DESCRIPTION / JUSTIFICATION:**

Provide funds for the replacement of vehicles and equipment. Units to be replaced are on average 10 years old and have more than 85,000 miles with maintenance costs averaging over 50% of purchase price. Project includes 53 pieces of equipment, 34 for the Sheriff's deputies (marked and unmarked) vehicles. This project will be managed/controlled by the Department of Procurement, Fleet Management.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is ongoing.

**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	4,040,000	1,500,000	5,540,000	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000	14,040,000
Total Cost	4,040,000	1,500,000	5,540,000	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000	14,040,000

FUNDING SCHEDULE

R8750 Paygo	4,040,000	1,500,000	5,540,000	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000	14,040,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	4,040,000	1,500,000	5,540,000	1,000,000	1,500,000	2,000,000	2,000,000	2,000,000	14,040,000

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	3,870,182
Encumbered	103,568
Total	\$3,973,750

PROJECT: Fuel Dispensing System Upgrade**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A064104****PROJECT DESCRIPTION / JUSTIFICATION:**

Project is for the upgrade of the County's fuel dispensing system at Abingdon. Replacing tanks and pumps are necessary due to equipment past 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	830,000	560,000	1,390,000	300,000					1,690,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	855,000	560,000	1,415,000	300,000	0	0	0	0	1,715,000

FUNDING SCHEDULE

R8750 Paygo	855,000	560,000	1,415,000	300,000					1,715,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	855,000	560,000	1,415,000	300,000	0	0	0	0	1,715,000

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	728,563
Encumbered	125,777
Total	\$854,340

PROJECT: Harford County Agricultural Research and Exposition Center**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: TBD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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

R7000 Future 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	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: Harford County Metro Area Network (HMAN)**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A124131****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to use advanced telecommunications infrastructure to increase access to the web and other computer utilities for the 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 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	12,200,000	4,000,000	16,200,000						16,200,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	12,200,000	4,000,000	16,200,000	0	0	0	0	0	16,200,000

FUNDING SCHEDULE

R7100 Prior Bonds	12,200,000	2,000,000	14,200,000						14,200,000
R7000 Future Bonds		2,000,000	2,000,000						2,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	12,200,000	4,000,000	16,200,000	0	0	0	0	0	16,200,000

OPERATING BUDGET IMPACT:

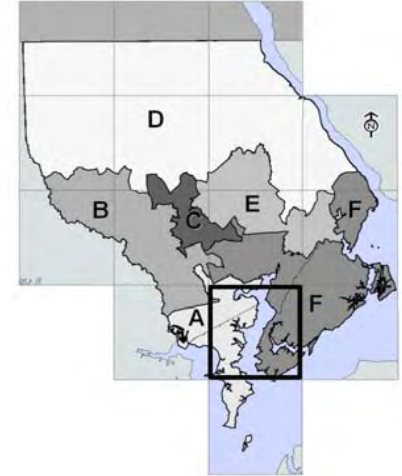
Estimated Annual Debt Service Cost: \$1,000,860
 Annual Operating/Maintenance Cost: \$250,000
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	11,585,224
Encumbered	614,129
Total	\$12,199,353

PROJECT: Harford County Southern Resource Annex**GENERAL****COUNCIL DISTRICT: F****LOCATION: Edgewood, MD****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 have been reallocated to facilities Repair Program, HMAN and Site acquisition.

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	2,412,491		2,412,491						2,412,491
Land Acquisition	250,000		250,000						250,000
Construction	27,747,871	(12,500,000)	15,247,871						15,247,871
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	30,410,362	(12,500,000)	17,910,362	0	0	0	0	0	17,910,362

FUNDING SCHEDULE

R7100 Prior Bonds	27,874,760	(12,500,000)	15,374,760						15,374,760
R8750 Paygo	1,500,000		1,500,000						1,500,000
R7340 Corporate/Business	1,035,602		1,035,602						1,035,602
			0						0
			0						0
Total Funds	30,410,362	(12,500,000)	17,910,362	0	0	0	0	0	17,910,362

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,613,304

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 10,808,474

Encumbered 329,495

Total \$11,137,969

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 audit strategies

FY 16 - infrastructure efficiency projects; community demonstration projects, electric vehicle charging station

FY 17 and beyond - continue development and implementation of efficiency projects

**PROJECT STATUS:**

The project is open and ongoing

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	203,500	8,000	211,500	10,000	10,000	10,000	10,000	10,000	261,500
Land Acquisition			0						0
Construction	155,000	60,000	215,000	15,000	15,000	15,000	15,000	15,000	290,000
Inspection Fees	21,500	2,000	23,500						23,500
Equipment/Furnishing	330,000	125,000	455,000						455,000
Total Cost	710,000	195,000	905,000	25,000	25,000	25,000	25,000	25,000	1,030,000

FUNDING SCHEDULE

R8750 Paygo	94,858	25,000	119,858	25,000	25,000	25,000	25,000	25,000	244,858
R8089 Reappropriated Paygo	55,142		55,142						55,142
R6999 Other	30,000		30,000						30,000
R3399 State Other	530,000	170,000	700,000						700,000
									0
Total Funds	710,000	195,000	905,000	25,000	25,000	25,000	25,000	25,000	1,030,000

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	227,219
Encumbered	95,771
Total	\$322,990

PROJECT: Refresh Program

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A124103

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to refresh the computers, network infrastructure, server, storage, software 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 Department of Information and Communication Technology.

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	2,385,000	100,000	2,485,000	150,000	150,000	150,000			2,935,000
Total Cost	2,385,000	100,000	2,485,000	150,000	150,000	150,000	0	0	2,935,000

FUNDING SCHEDULE

R8750 Paygo	1,185,000	100,000	1,285,000	150,000	150,000	150,000			1,735,000
R8089 Reappropriated Paygo	1,200,000		1,200,000						1,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,385,000	100,000	2,485,000	150,000	150,000	150,000	0	0	2,935,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost:

New Positions (FTE's): N/A

Financial Activity as of 3/15/15:

Expended	1,990,857
Encumbered	20,019
Total	<u>\$2,010,876</u>

PROJECT: Safeguarding Business Operations**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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. FY 14 Reappropriated Paygo funds are from the New Administration Building capital project that is closed, as well as from various ICT projects that have been closed.

**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	8,515,400	2,000,000	10,515,400	2,000,000	2,000,000				14,515,400
Total Cost	8,515,400	2,000,000	10,515,400	2,000,000	2,000,000	0	0	0	14,515,400

FUNDING SCHEDULE

R8750 Paygo	6,502,084	2,000,000	8,502,084	2,000,000	2,000,000				12,502,084
R8089 Reappropriated Paygo	2,013,316		2,013,316						2,013,316
R7100 Prior Bonds			0						0
			0						0
			0						0
			0						0
Total Funds	8,515,400	2,000,000	10,515,400	2,000,000	2,000,000	0	0	0	14,515,400

OPERATING BUDGET IMPACT:

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

Financial Activity as of 3/1/15:

Expended	5,366,557
Encumbered	548,486
Total	\$5,915,043

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 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	20,757,761	3,000,000	23,757,761	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	28,757,761
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	20,757,761	3,000,000	23,757,761	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	28,757,761

FUNDING SCHEDULE

R3199 Federal Other	525,000		525,000						525,000
R3399 State Other	225,000		225,000						225,000
R7100 Prior Bonds	15,007,761	3,000,000	18,007,761						18,007,761
R7945 Proceeds from IPA	5,000,000		5,000,000						5,000,000
R7000 Future Bonds			0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
			0						0
Total Funds	20,757,761	3,000,000	23,757,761	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	28,757,761

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,278,441

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 15,749,342

Encumbered 0

Total \$15,749,342

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 aboveground and underground storage tanks maintained by Harford County for improved safety and reliability.

PROJECT SCHEDULE:

FY 16 - properly close underground storage tanks at Abingdon Fuel Station and at 29 W. Courtland
All years - required inspections and any corresponding repairs and upgrades to maintain compliance with EPA and MDE regulations

PROJECT STATUS:

This project is open and ongoing.

**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	7,500	7,500	15,000		5,000		5,000		25,000
Land Acquisition			0						0
Construction	41,500	95,000	136,500		10,000		10,000		156,500
Inspection Fees	2,500	2,000	4,500						4,500
Equipment/Furnishing	23,500	15,500	39,000		10,000		10,000		59,000
Total Cost	75,000	120,000	195,000	0	25,000	0	25,000	0	245,000

FUNDING SCHEDULE

R8750 Paygo	75,000	120,000	195,000		25,000		25,000		245,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	75,000	120,000	195,000	0	25,000	0	25,000	0	245,000

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	74,832
Encumbered	0
Total	\$74,832

PROJECT: Voting Equipment

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

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 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		200,000	200,000						200,000
Total Cost	0	200,000	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	0	200,000	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

Expended
Encumbered
Total \$0

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 Debrillators (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 3/1/15:

Expended	0
Encumbered	0
Total	<u>\$0</u>

PROJECT: Bel Air Parking Garage

GENERAL

COUNCIL DISTRICT: C

LOCATION: Bel Air, MD

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:

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	645,000		645,000						645,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	645,000	0	645,000	0	0	0	0	0	645,000

FUNDING SCHEDULE

R8750 Paygo	645,000		645,000						645,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	645,000	0	645,000	0	0	0	0	0	645,000

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

PROJECT: Board of Education Debt Service 12**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A124101****PROJECT DESCRIPTION / JUSTIFICATION:**

This project allows for the collection of Recordation 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 for education capital projects or as pay-as-you-go funding for educational 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 for audit presentation.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project will be closed and removed from the Capital Improvement Program.

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	12,829,734		12,829,734						12,829,734
Total Cost	12,829,734	0	12,829,734	0	0	0	0	0	12,829,734

FUNDING SCHEDULE

R1515 Recordation Tax	6,800,000		6,800,000						6,800,000
R1525 Transfer Tax	5,600,000		5,600,000						5,600,000
R8026 Reappropriated Transfer Tax	383,802		383,802						383,802
R8027 Reappropriated Recordation Tax	45,932		45,932						45,932
			0						0
			0						0
Total Funds	12,829,734	0	12,829,734	0	0	0	0	0	12,829,734

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 11,381,984

Encumbered 0

Total \$11,381,984

PROJECT: Board of Education Debt Service 13**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A134102****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 has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	18,258,301		18,258,301						18,258,301
Total Cost	18,258,301	0	18,258,301	0	0	0	0	0	18,258,301

FUNDING SCHEDULE

R1515 Recordation Tax	5,100,000		5,100,000						5,100,000
R1525 Transfer Tax	4,800,000		4,800,000						4,800,000
R8027 Reappropriated Rec. Tax	1,106,738		1,106,738						1,106,738
R8026 Reappropriated Transfer Tax	7,251,563		7,251,563						7,251,563
			0						0
			0						0
Total Funds	18,258,301	0	18,258,301	0	0	0	0	0	18,258,301

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	18,258,301
Encumbered	0
Total	<u>18,258,301</u>

PROJECT: Board of Education Debt Service 14**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A144101****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 has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	13,600,000		13,600,000						13,600,000
Total Cost	13,600,000	0	13,600,000	0	0	0	0	0	13,600,000

FUNDING SCHEDULE

R1515 Recordation Tax	6,800,000		6,800,000						6,800,000
R1525 Transfer Tax	4,800,000		4,800,000						4,800,000
R8027 Reappropriated Rec. Tax	1,200,000		1,200,000						1,200,000
R8026 Reappropriated Transfer Tax	800,000		800,000						800,000
			0						0
			0						0
Total Funds	13,600,000	0	13,600,000	0	0	0	0	0	13,600,000

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 3/1/15:

Expended	13,427,414
Encumbered	0
Total	\$13,427,414

PROJECT: Board of Education Debt Service 15**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A154102****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 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	14,260,492		14,260,492						14,260,492
Total Cost	14,260,492	0	14,260,492	0	0	0	0	0	14,260,492

FUNDING SCHEDULE

R1515 Recordation Tax	7,100,000		7,100,000						7,100,000
R1525 Transfer Tax	5,600,000		5,600,000						5,600,000
R8027 Reappropriated Rec. Tax	1,033,078		1,033,078						1,033,078
R8026 Reappropriated Transfer Tax	527,414		527,414						527,414
			0						0
			0						0
Total Funds	14,260,492	0	14,260,492	0	0	0	0	0	14,260,492

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	14,260,492
Encumbered	
Total	<u>\$14,260,492</u>

PROJECT: Citizens Care Center

GENERAL

COUNCIL DISTRICT: F

LOCATION: Havre de Grace, MD

A114101

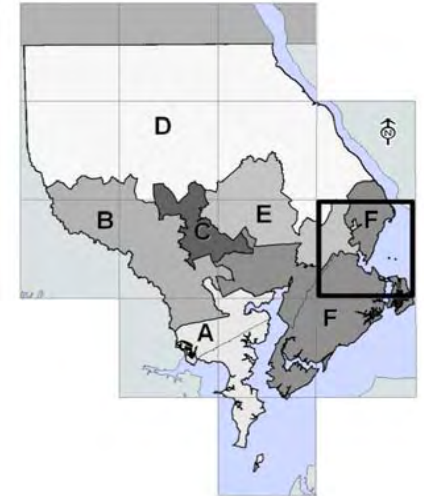
PROJECT DESCRIPTION / JUSTIFICATION:

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
R6999 Other	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: \$145,100

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 210,186

Encumbered 1,697,992

Total \$1,908,178

PROJECT: Countywide Facilities Master Plan Study**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 3/1/15:

Expended 1,903,146

Encumbered 12,429

Total \$1,915,575

PROJECT: Courthouse Building Repairs**GENERAL****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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:

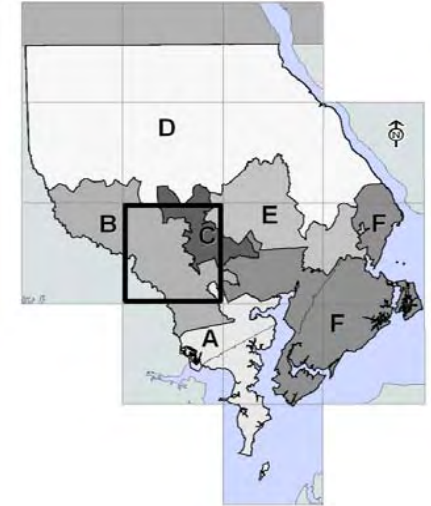
FY 15/16 - HVAC replacement, elevator replacement

FY 16/17 - Masonry restoration, window restoration, roof replacement

FY 16/20 - Fire alarm upgrade, emergency generator system, cooling tower replacement

PROJECT STATUS:

HVAC project to start in spring of FY 15 and completed in spring of FY 16

**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	679,900		679,900						679,900
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	5,034,900	0	5,034,900	0	0	0	0	0	5,034,900

FUNDING SCHEDULE

R3150 Federal - ARRA Funds	134,900		134,900						134,900
R8750 Paygo	100,000		100,000						100,000
R7100 Prior Bonds	4,800,000		4,800,000						4,800,000
R7000 Future Bonds			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: \$432,000

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

New Positions (FTE's): N/A

Financial Activity as of 3/15/15:

Expended	190,850
Encumbered	2,701,654
Total	\$2,892,504

PROJECT: Emergency Needs

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A064102

PROJECT DESCRIPTION / JUSTIFICATION:

Prior funding was for appropriation authority to plan for unanticipated or emergency needs of the County as they arise. Funding was not allocated at this time, nor could any expenditures have occurred in this project. Only through Council approved legislation would any unanticipated or emergency projects be started with this appropriation authority.

PROJECT SCHEDULE:



PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,245,776		1,245,776						1,245,776
Total Cost	1,245,776	0	1,245,776	0	0	0	0	0	1,245,776

FUNDING SCHEDULE

R3199 Federal Other	234,929		234,929						234,929
R3399 State Other	275,000		275,000						275,000
R6999 Other	735,847		735,847						735,847
			0						0
			0						0
			0						0
Total Funds	1,245,776	0	1,245,776	0	0	0	0	0	1,245,776

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	0
Total	<u>\$0</u>

PROJECT: Enterprise Resource System

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A094104

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to assess County technology organizations, infrastructure, applications, operations and governance. This study will identify applications that should be returned, those that require further investment and upgrades, and any new systems that would benefit countywide operations.

PROJECT SCHEDULE:



PROJECT STATUS:

This project will closed and removed from the Capital Improvement Program following completion of the audit in July, 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	25,000		25,000						25,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	25,000	0	25,000	0	0	0	0	0	25,000

FUNDING SCHEDULE

R8750 Paygo	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

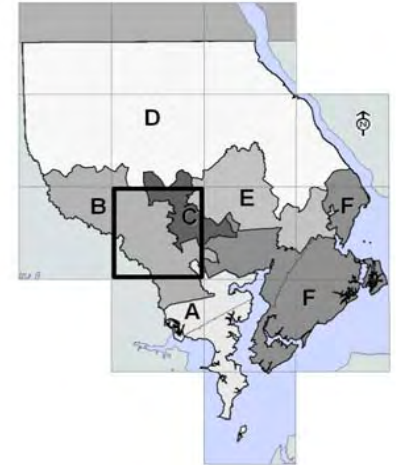
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	0
Encumbered	0
Total	<u>\$0</u>

PROJECT: 45 South Main Street - Add Emergency Power Systems**GENERAL****COUNCIL DISTRICT: B****LOCATION: Bel Air, MD****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 15 - start construction

PROJECT STATUS:

Design is at 50%, construction anticipated to start spring of 2015

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	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: \$54,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	5,621
Encumbered	17,045
Total	\$22,666

PROJECT: GIS Update

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

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 3/1/15:

Expended	226,099
Encumbered	0
Total	<u>\$226,099</u>

PROJECT: Gordon Street

GENERAL

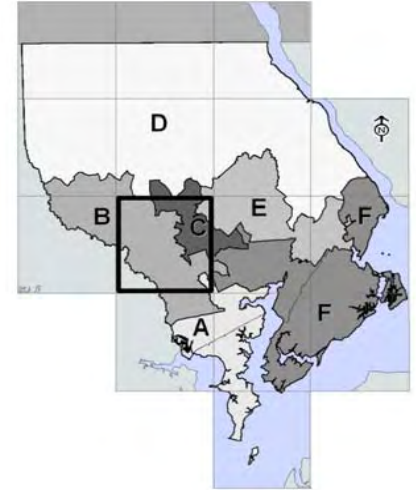
COUNCIL DISTRICT: C

LOCATION: Bel Air, MD

A094132

PROJECT DESCRIPTION / JUSTIFICATION:

Prior funding provided for a scope study and preliminary work to develop an adaptive use of the 45 East Gordon Street building. Work that has already been performed includes asbestos removal, demolition of a one story brick addition, removal of two modular buildings at the rear of the property, and renovations to the building resulting from the demolition phase.



PROJECT SCHEDULE:

PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015. Balance of funds were reappropriated to the General - Facilities Repair Capital Project.

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	420,000		420,000						420,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	420,000	0	420,000	0	0	0	0	0	420,000

FUNDING SCHEDULE

R7100 Prior Bonds	150,000		150,000						150,000
R8750 Paygo	270,000		270,000						270,000
			0						0
			0						0
			0						0
			0						0
Total Funds	420,000	0	420,000	0	0	0	0	0	420,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$13,500

Annual Operating/Maintenance Cost: N/A

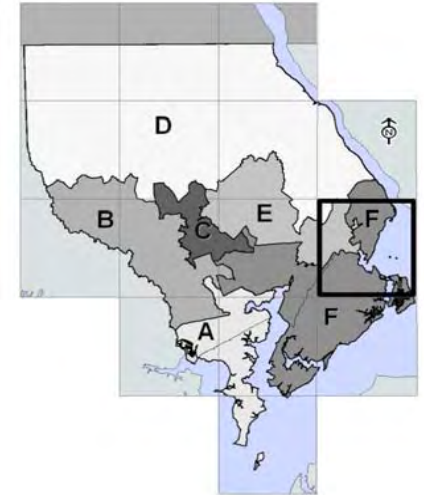
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	209,847
Encumbered	0
Total	<u>\$209,847</u>

PROJECT: Havre de Grace Opera House Renovations**GENERAL****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Hosanna School

GENERAL

COUNCIL DISTRICT: D

LOCATION: Darlington, Md

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 3/1/15:

Expended 221,862

Encumbered 0

Total \$221,862

PROJECT: Humane Society

GENERAL

COUNCIL DISTRICT: B

LOCATION: Benson, MD

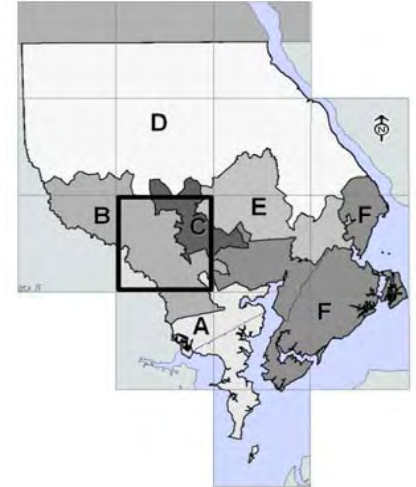
A114102

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	1,050,000		1,050,000						1,050,000
			0						0
			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: \$522,640

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	1,129,221
Encumbered	5,021,468
Total	<u>\$6,150,689</u>

PROJECT: MD 924 Small Area Corridor Plan**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: One Maryland Broadband

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A114103

PROJECT DESCRIPTION / JUSTIFICATION:

Funds are available under the American Reinvestment and Recovery Act (ARRA) for creating regional fiber networks to connect community anchor institutions such as public schools, libraries and hospitals to enhance broadband capacity and to provide necessary redundancy for homeland security purposes.

PROJECT SCHEDULE:



PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	5,250,000		5,250,000						5,250,000
Total Cost	5,250,000	0	5,250,000	0	0	0	0	0	5,250,000

FUNDING SCHEDULE

R8750 Paygo	450,000		450,000						450,000
R3199 Federal Other	4,800,000		4,800,000						4,800,000
			0						0
			0						0
			0						0
			0						0
Total Funds	5,250,000	0	5,250,000	0	0	0	0	0	5,250,000

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 3/1/15:

Expended	3,044,121
Encumbered	0
Total	<u>\$3,044,121</u>

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	57,641
Encumbered	4,417
Total	<u>\$62,058</u>

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	680,000		680,000						680,000
			0						0
			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 3/1/15:

Expended	346,702
Encumbered	2,375
Total	<u>\$349,077</u>

PROJECT: Repairs to 45 South Main Street Building**GENERAL****COUNCIL DISTRICT: B****LOCATION: Bel Air, MD****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 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	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 3/1/15:

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

PROJECT: Treasury Computer Enhancements**GENERAL****COUNCIL DISTRICT: MULTIPLE****LOCATION: Bel Air, MD****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 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	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 3/1/15:

Expended 159,777

Encumbered 0

Total \$159,777



Supporting Harford's Farms

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

GENERAL FUND

TAX INCREMENT FINANCING

Open Projects:

Beechtree TIF Improvements	11,100,000	11,100,000	0	0	0	0	0	0
James Run TIF Improvements	14,614,036	14,614,036	0	0	0	0	0	0

Tax Increment Financing Total by Project	25,714,036	25,714,036	0	0	0	0	0	0

Prior Bonds	25,714,036	25,714,036	0	0	0	0	0	0

Tax Increment Financing Total by Fund	25,714,036	25,714,036	0	0	0	0	0	0

OPEN/ACTIVE PROJECTS

PROJECT: Beechtree TIF Improvements**TAX INCREMENT FINANCING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****T113101****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to finance the construction of public infrastructure and improvements necessary to support the Beechtree Estates Project, which infrastructure will include, without limitation, on-site as well as off-site public infrastructure improvements including but not limited to roads and sidewalks, signalization improvements, water, sewer and stormwater management facilities and other improvements, all servicing or enabling the development of the Beechtree Estates Project.

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	11,100,000		11,100,000						11,100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	11,100,000	0	11,100,000	0	0	0	0	0	11,100,000

FUNDING SCHEDULE

R7100 Prior Bonds	11,100,000		11,100,000						11,100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	11,100,000	0	11,100,000	0	0	0	0	0	11,100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,050,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 9,939,887

Encumbered 0

Total \$9,939,887

PROJECT: James Run TIF Improvements**TAX INCREMENT FINANCING****COUNCIL DISTRICT: MULTIPLE****LOCATION:****T143201****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to finance the construction of public infrastructure and improvements necessary to support the James Run project. The infrastructure will include on-site and off-site public improvements including but not limited to roads and sidewalks, signalization improvements, water, sewer, and stormwater management facilities and other improvements that service or enable the development of the James Run project.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been completed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	14,614,036		14,614,036						14,614,036
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	14,614,036	0	14,614,036	0	0	0	0	0	14,614,036

FUNDING SCHEDULE

R7100 Prior Bonds	14,614,036		14,614,036						14,614,036
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	14,614,036	0	14,614,036	0	0	0	0	0	14,614,036

OPERATING BUDGET IMPACT:

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

Financial Activity as of 3/1/15:

Expended	0
Encumbered	0
Total	\$0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

GENERAL FUND

STORMWATER MANAGEMENT

FY 16 Funded Projects

County Owned Watershed Restoration Improvements	6,900,000	0	2,400,000	900,000	900,000	900,000	900,000	900,000
Joppatowne Area Watershed Restoration	8,000,000	900,000	1,200,000	1,150,000	1,080,000	1,220,000	1,225,000	1,225,000
Maintenance/Repair of Dams	2,555,000	545,000	460,000	310,000	310,000	310,000	310,000	310,000
Plumtree Run Watershed Restoration	8,263,452	518,452	1,250,000	1,600,000	1,200,000	1,225,000	1,235,000	1,235,000
Riverside Area Watershed Restoration	6,730,886	215,886	120,000	1,250,000	1,170,000	1,575,000	1,200,000	1,200,000
Sams Branch Watershed Restoration	7,252,922	852,922	120,000	1,180,000	1,150,000	1,200,000	1,550,000	1,200,000
Stormwater Pollution Prevention	1,381,395	491,395	140,000	150,000	150,000	150,000	150,000	150,000
Sunnyview Stream Restoration	1,567,220	967,220	600,000	0	0	0	0	0
Watershed Restoration Assessment	9,000,000	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Watershed Restoration Improvements	3,900,000	0	400,000	700,000	700,000	700,000	700,000	700,000
Watershed Restoration	420,000	0	60,000	60,000	70,000	70,000	80,000	80,000
Wheel Creek Watershed Restoration	6,789,607	4,989,607	1,000,000	200,000	150,000	150,000	150,000	150,000

Outyear Projects:

Bynum Run @ St. Andrews Way Stream Restoration	1,467,026	847,026	0	0	620,000	0	0	0

Open Projects:

Edgewood Plaza Retrofit & Stream Restoration	200,188	200,188	0	0	0	0	0	0
Lilly Run Watershed Restoration	725,000	725,000	0	0	0	0	0	0
Maintenance/Repair of Dams 99	895,000	895,000	0	0	0	0	0	0
Stormwater Enhancement	815,000	815,000	0	0	0	0	0	0
Watershed Restoration Improvements	1,528,228	1,528,228	0	0	0	0	0	0
Watershed/Stream Assessment Studies	1,065,000	1,065,000	0	0	0	0	0	0
Woodbridge Retrofit & Stream Restoration	1,020,000	1,020,000	0	0	0	0	0	0
Woodland Run Stream Restoration	700,000	700,000	0	0	0	0	0	0

Stormwater Management Total by Project	71,175,924	17,275,924	9,250,000	9,000,000	9,000,000	9,000,000	9,000,000	8,650,000

Paygo	5,650,818	5,650,818	0	0	0	0	0	0
Future Bonds	34,750,000	0	5,800,000	5,790,000	5,790,000	5,790,000	5,790,000	5,790,000
Reappropriated	2,585,106	2,585,106	0	0	0	0	0	0
Recordation Tax	1,250,000	0	200,000	210,000	210,000	210,000	210,000	210,000
State	19,407,016	5,752,016	2,325,000	2,300,000	2,130,000	2,300,000	2,300,000	2,300,000
Federal	3,532,984	937,984	525,000	450,000	620,000	450,000	450,000	100,000
Other	4,000,000	2,350,000	400,000	250,000	250,000	250,000	250,000	250,000

Stormwater Management Total by Fund	71,175,924	17,275,924	9,250,000	9,000,000	9,000,000	9,000,000	9,000,000	8,650,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

GENERAL FUND

STORMWATER MANAGEMENT												
County Owned Watershed Restoration Improvements	2,400,000	0	0	1,400,000	0	0	0	1,000,000	0	0	0	0
Joppatowne Area Watershed Restoration	1,200,000	0	0	700,000	0	0	0	500,000	0	0	0	0
Maintenance/Repair of Dams	460,000	0	0	0	0	0	60,000	0	0	0	0	400,000
Plumtree Run Watershed Restoration	1,250,000	0	0	850,000	0	0	0	400,000	0	0	0	0
Riverside Area Watershed Restoration	120,000	0	0	120,000	0	0	0	0	0	0	0	0
Sams Branch Watershed Restoration	120,000	0	0	120,000	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention	140,000	0	0	0	0	0	140,000	0	0	0	0	0
Sunnyview Stream Restoration	600,000	0	0	400,000	0	0	0	200,000	0	0	0	0
Watershed Restoration	60,000	0	0	60,000	0	0	0	0	0	0	0	0
Watershed Restoration Assessment	1,500,000	0	0	1,250,000	0	0	0	125,000	0	125,000	0	0
Watershed Restoration Improvements	400,000	0	0	300,000	0	0	0	100,000	0	0	0	0
Wheel Creek Watershed Restoration	1,000,000	0	0	600,000	0	0	0	0	0	400,000	0	0
SUB-TOTAL STORMWATER MANAGEMENT	9,250,000	0	0	5,800,000	0	0	200,000	2,325,000	0	525,000	0	400,000

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 been identified as water quality restoration projects that are required under the County's municipal NPDES or MS4 permits 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design		60,000	60,000	250,000	250,000	250,000	250,000	250,000	1,310,000
Land Acquisition			0						0
Construction		2,000,000	2,000,000	500,000	500,000	500,000	500,000	500,000	4,500,000
Inspection Fees		340,000	340,000	150,000	150,000	150,000	150,000	150,000	1,090,000
Equipment/Furnishing			0						0
Total Cost	0	2,400,000	2,400,000	900,000	900,000	900,000	900,000	900,000	6,900,000

FUNDING SCHEDULE

R7000 Future Bonds		1,400,000	1,400,000	700,000	700,000	700,000	700,000	700,000	4,900,000
R3320 State DNR/SWM		1,000,000	1,000,000	200,000	200,000	200,000	200,000	200,000	2,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	2,400,000	2,400,000	900,000	900,000	900,000	900,000	900,000	6,900,000

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

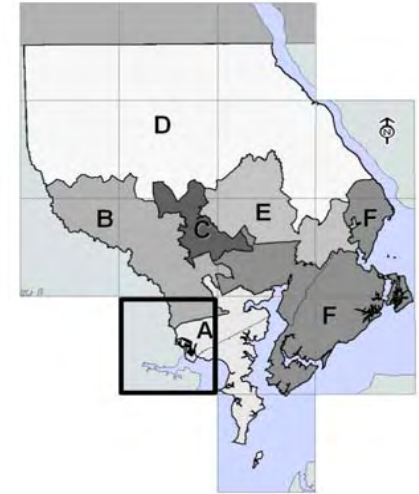
Expended
 Encumbered
 Total \$0

PROJECT: Joppatowne Area Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: A****LOCATION: Joppa****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 anticipated in 2014. Using the Wheel Creek Watershed Assessment as a model, 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. The assessment will also address EPA requirements necessary to apply for Section 319 funding. Future year funding will provide for the implementation of the restoration plans which may include water quality monitoring. 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:

Complete design projects identified in the watershed assessment
 Stillmeadow Stream restoration design
 Copenhaver Stream restoration design
 Copenhaver SWM retrofit design

**PROJECT STATUS:**

Foster Branch Watershed Assessment completed in 2012. Construction for first project in Foster Branch has been completed.

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	550,000	240,000	790,000	300,000	300,000	300,000	300,000	300,000	2,290,000
Land Acquisition			0						0
Construction	350,000	800,000	1,150,000	750,000	700,000	820,000	825,000	825,000	5,070,000
Inspection Fees		160,000	160,000	100,000	80,000	100,000	100,000	100,000	640,000
Equipment/Furnishing			0						0
Total Cost	900,000	1,200,000	2,100,000	1,150,000	1,080,000	1,220,000	1,225,000	1,225,000	8,000,000

FUNDING SCHEDULE

R3199 Federal Other	100,000		100,000						100,000
R8750 Paygo	300,000		300,000						300,000
R3320 State DNR/SWM	275,000	500,000	775,000	475,000	305,000	475,000	475,000	475,000	2,980,000
R8089 Reappropriated Paygo	225,000		225,000						225,000
R7000 Future Bonds		700,000	700,000	675,000	775,000	745,000	750,000	750,000	4,395,000
			0						0
Total Funds	900,000	1,200,000	2,100,000	1,150,000	1,080,000	1,220,000	1,225,000	1,225,000	8,000,000

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 3/1/15:

Expended	722,418
Encumbered	58,834
Total	\$781,252

PROJECT: Maintenance/Repair of Dams

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. Maintenance of new stormwater retrofit projects and repairs to stream restoration projects are also included. 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 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	545,000	460,000	1,005,000	310,000	310,000	310,000	310,000	310,000	2,555,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	545,000	460,000	1,005,000	310,000	310,000	310,000	310,000	310,000	2,555,000

FUNDING SCHEDULE

R8750 Paygo	95,000		95,000						95,000
R6999 Other	200,000	400,000	600,000	250,000	250,000	250,000	250,000	250,000	1,850,000
R1602 Special Assessment	250,000		250,000						250,000
R1515 Recordation Tax		60,000	60,000	60,000	60,000	60,000	60,000	60,000	360,000
			0						0
			0						0
Total Funds	545,000	460,000	1,005,000	310,000	310,000	310,000	310,000	310,000	2,555,000

OPERATING BUDGET IMPACT:

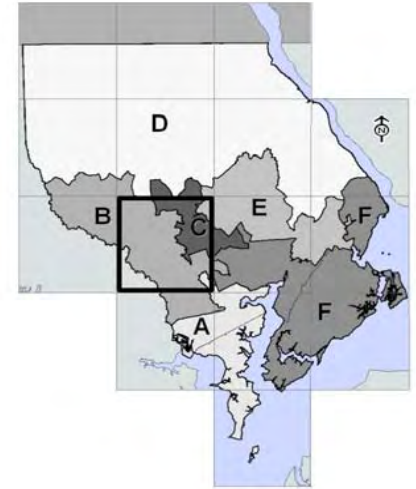
Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	71,307
Encumbered	8,218
Total	<u>\$79,525</u>

PROJECT: Plumtree Run Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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 recently completed Plumtree Run Watershed Assessment 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. The assessment addresses EPA requirements necessary to apply for Section 319 funding. 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:**

Complete design projects identified in the watershed assessment

Ring Factory Elementary School

Ring Factory Elementary Stream Restoration

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	343,452	300,000	643,452	400,000	200,000	200,000	260,000	260,000	1,963,452
Land Acquisition			0						0
Construction	100,000	800,000	900,000	1,000,000	800,000	825,000	825,000	825,000	5,175,000
Inspection Fees	75,000	150,000	225,000	200,000	200,000	200,000	150,000	150,000	1,125,000
Equipment/Furnishing			0						0
Total Cost	518,452	1,250,000	1,768,452	1,600,000	1,200,000	1,225,000	1,235,000	1,235,000	8,263,452

FUNDING SCHEDULE

R8089 Reappropriated Paygo	343,452		343,452						343,452
R3199 Federal Other	100,000		100,000	350,000					450,000
R8750 Paygo	75,000		75,000						75,000
R3320 State DNR/SWM		400,000	400,000	475,000	475,000	475,000	475,000	475,000	2,775,000
R7000 Future Bonds		850,000	850,000	775,000	725,000	750,000	760,000	760,000	4,620,000
			0						0
Total Funds	518,452	1,250,000	1,768,452	1,600,000	1,200,000	1,225,000	1,235,000	1,235,000	8,263,452

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	135,891
Encumbered	122,139
Total	\$258,030

PROJECT: Riverside Area Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: F****LOCATION: Riverside, MD****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 for these watersheds 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:

Design (2016) - Northwest Branch Declaration Run Stream Restoration

**PROJECT STATUS:**

Church Creek Elementary School Stream Restoration - develop design scope of work

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	215,886	120,000	335,886	400,000	400,000	400,000	200,000	200,000	1,935,886
Land Acquisition			0						0
Construction			0	700,000	620,000	975,000	850,000	850,000	3,995,000
Inspection Fees			0	150,000	150,000	200,000	150,000	150,000	800,000
Equipment/Furnishing			0						0
Total Cost	215,886	120,000	335,886	1,250,000	1,170,000	1,575,000	1,200,000	1,200,000	6,730,886

FUNDING SCHEDULE

R8089 Reappropriated Paygo	215,886		215,886						215,886
R7000 Future Bonds		120,000	120,000	775,000	695,000	750,000	725,000	725,000	3,790,000
R3320 State DNR/SWM			0	475,000	475,000	475,000	475,000	475,000	2,375,000
R3199 Federal Other			0			350,000			350,000
			0						0
			0						0
Total Funds	215,886	120,000	335,886	1,250,000	1,170,000	1,575,000	1,200,000	1,200,000	6,730,886

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

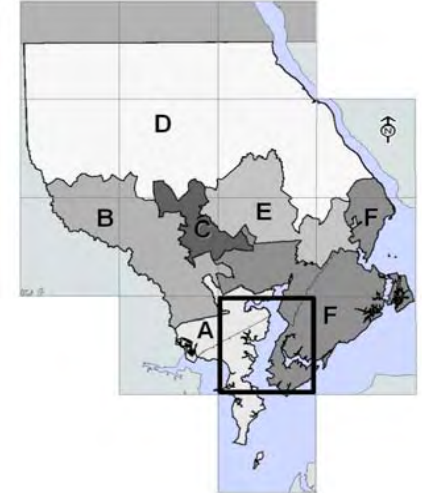
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Sams Branch Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****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 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:**

Complete design projects identified in the watershed assessment
 Edgewood Elementary School SWM Retrofit design
 Edgewood Elementary School stream restoration design
 Willoughby Beach Road Pond 1 construction
 Willoughby Beach Road Pond 2 construction

PROJECT STATUS:

Design is underway

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	502,922	120,000	622,922	200,000	200,000	150,000	250,000	150,000	1,572,922
Land Acquisition			0						0
Construction	350,000		350,000	800,000	800,000	900,000	1,000,000	900,000	4,750,000
Inspection Fees			0	180,000	150,000	150,000	300,000	150,000	930,000
Equipment/Furnishing			0						0
Total Cost	852,922	120,000	972,922	1,180,000	1,150,000	1,200,000	1,550,000	1,200,000	7,252,922

FUNDING SCHEDULE

R3199 Federal Other	100,000		100,000				350,000		450,000
R8089 Reappropriated Paygo	52,922		52,922						52,922
R8750 Paygo	350,000		350,000						350,000
R3320 State DNR/SWM	350,000		350,000	475,000	475,000	475,000	475,000	475,000	2,725,000
R7000 Future Bonds		120,000	120,000	705,000	675,000	725,000	725,000	725,000	3,675,000
			0						0
Total Funds	852,922	120,000	972,922	1,180,000	1,150,000	1,200,000	1,550,000	1,200,000	7,252,922

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	119,660
Encumbered	18,403
Total	\$138,063

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

Stormwater pollution prevention addresses water quality impairments at the source before it impacts our waterways. Prevention, while significantly less expensive than restoration, requires various tools to be successful including, but not limited to, investigation and 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 a recent audit of our program by EPA.

PROJECT SCHEDULE:

Source Identification Ongoing
 Illicit Discharge Ongoing
 Property Management Ongoing
 Public Education Ongoing
 Restoration Assessment Ongoing
 SWM Assessment Ongoing

**PROJECT STATUS:**

Commercial business inspections and outfall inspections are currently underway as required by the MS4 permit. Investigation of opportunities for restoration or urban nutrient management on County owned property is currently underway.

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	336,395	140,000	476,395	150,000	150,000	150,000	150,000	150,000	1,226,395
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	491,395	140,000	631,395	150,000	150,000	150,000	150,000	150,000	1,381,395

FUNDING SCHEDULE

R8089 Reappropriated Paygo	141,395		141,395						141,395
R8750 Paygo	300,000		300,000						300,000
R3320 State DNR/SWM	50,000		50,000						50,000
R1515 Recordation Tax		140,000	140,000	150,000	150,000	150,000	150,000	150,000	890,000
			0						0
			0						0
Total Funds	491,395	140,000	631,395	150,000	150,000	150,000	150,000	150,000	1,381,395

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 3/1/15:

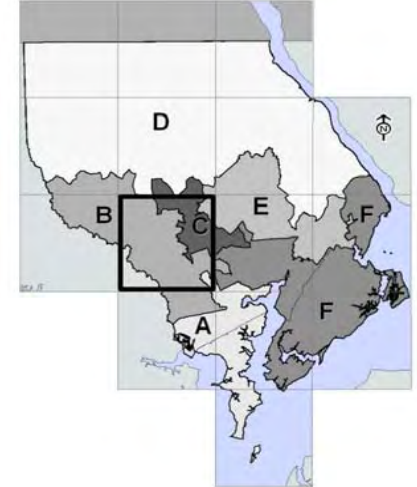
Expended	279,665
Encumbered	93,075
Total	<u>\$372,740</u>

PROJECT: Sunnyview Stream Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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. Grant application for construction to be submitted in April, 2015 with funds available July, 2015.

**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	310,000		310,000						310,000
Land Acquisition	845,000		845,000						845,000
Construction	(187,780)	400,000	212,220						212,220
Inspection Fees		200,000	200,000						200,000
Equipment/Furnishing			0						0
Total Cost	967,220	600,000	1,567,220	0	0	0	0	0	1,567,220

FUNDING SCHEDULE

R8089 Reappropriated Paygo	267,220		267,220						267,220
R3320 State DNR/SWM	700,000	200,000	900,000						900,000
R7000 Future Bonds		400,000	400,000						400,000
			0						0
			0						0
			0						0
Total Funds	967,220	600,000	1,567,220	0	0	0	0	0	1,567,220

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	260,089
Encumbered	0
Total	\$260,089

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 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) - Swan Creek, Chesapeake Bay
 Chemical Monitoring - Plumtree Run, Foster Branch
 Flow Monitoring - Plumtree, Foster Branch, Bynum Run, Swan Creek, James Run
 Biological Monitoring - Countywide

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		1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,000,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,000,000

FUNDING SCHEDULE

R7000 Future Bonds		1,250,000	1,250,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	7,750,000
R3320 State DNR/SWM		125,000	125,000	100,000	100,000	100,000	100,000	100,000	625,000
R3199 Federal Other		125,000	125,000	100,000	100,000	100,000	100,000	100,000	625,000
			0						0
			0						0
			0						0
Total Funds	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,000,000

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: 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. Projects could qualify for grants up to 75%. This project will be used to develop conceptual designs for larger projects and design and construction for smaller projects. 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design		170,000	170,000	200,000	200,000	200,000	200,000	200,000	1,170,000
Land Acquisition			0						0
Construction		210,000	210,000	400,000	400,000	400,000	400,000	400,000	2,210,000
Inspection Fees		20,000	20,000	100,000	100,000	100,000	100,000	100,000	520,000
Equipment/Furnishing			0						0
Total Cost	0	400,000	400,000	700,000	700,000	700,000	700,000	700,000	3,900,000

FUNDING SCHEDULE

R3320 State DNR/SWM		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
R7000 Future Bonds		300,000	300,000	600,000	600,000	600,000	600,000	600,000	3,300,000
			0						0
			0						0
Total Funds	0	400,000	400,000	700,000	700,000	700,000	700,000	700,000	3,900,000

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

Expended
 Encumbered
 Total \$0

PROJECT: Watershed Restoration

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 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		60,000	60,000	60,000	70,000	70,000	80,000	80,000	420,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	60,000	60,000	60,000	70,000	70,000	80,000	80,000	420,000

FUNDING SCHEDULE

R7000 Future Bonds		60,000	60,000	60,000	70,000	70,000	80,000	80,000	420,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	60,000	60,000	60,000	70,000	70,000	80,000	80,000	420,000

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: Wheel Creek Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: B****LOCATION: Bel Air, MD****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, 2010 & 2012 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:

Construction (2016) - Country Walk Pond 1A Retrofit (Design 95% complete)

Construction (2016) - Country Walk Pond 1B Retrofit (Design 60% complete)

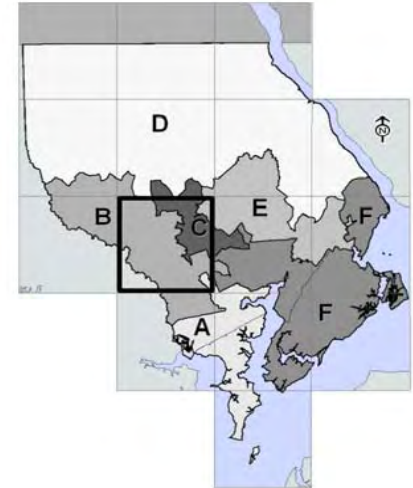
Grant application have been submitted for both projects.

PROJECT STATUS:

Lower Wheel Creek Stream Restoration construction anticipated to begin July, 2015.

Festival of Bel Air retrofit construction to begin April, 2015.

The construction of these 2 projects will complete the restoration proposed for Wheel Creek.

**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	1,649,607	160,000	1,809,607	200,000	150,000	150,000	150,000	150,000	2,609,607
Land Acquisition			0						0
Construction	2,855,000	660,000	3,515,000						3,515,000
Inspection Fees	485,000	180,000	665,000						665,000
Equipment/Furnishing			0						0
Total Cost	4,989,607	1,000,000	5,989,607	200,000	150,000	150,000	150,000	150,000	6,789,607

FUNDING SCHEDULE

R8750 Paygo	1,267,818		1,267,818						1,267,818
R6340 Corporate/Business	59,600		59,600						59,600
R3320 State DNR/SWM	2,782,016		2,782,016						2,782,016
R8089 Reappropriated Paygo	721,789		721,789						721,789
R3199 Federal Other	92,984	400,000	492,984						492,984
R6999 Other	65,400		65,400						65,400
R7000 Future Bonds		600,000	600,000	200,000	150,000	150,000	150,000	150,000	1,400,000
Total Funds	4,989,607	1,000,000	5,989,607	200,000	150,000	150,000	150,000	150,000	6,789,607

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	2,186,127
Encumbered	242,584
Total	\$2,428,711

OUTYEAR PROJECTS

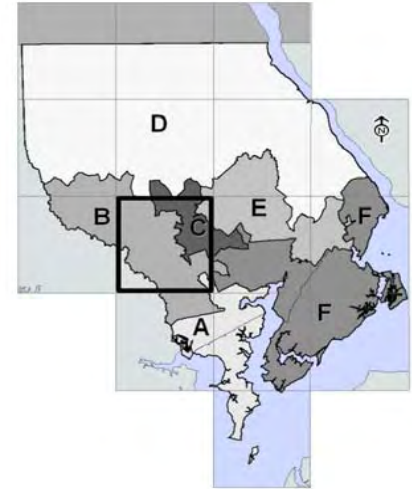
FY 17 - FY 21

PROJECT: Bynum Run @ St. Andrews Way Stream Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: C****LOCATION:** | Bel Air MD**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. The funding request provides for half of the required match for Transportation Enhancement Program grant funding. The remaining funds will be provided by 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 in FY 2018; to follow after the construction of the Water and Sewer Parallel project.
Grant application anticipated in 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	145,000		145,000						145,000
Land Acquisition			0						0
Construction	647,026		647,026		320,000				967,026
Inspection Fees	55,000		55,000		300,000				355,000
Equipment/Furnishing			0						0
Total Cost	847,026	0	847,026	0	620,000	0	0	0	1,467,026

FUNDING SCHEDULE

R8750 Paygo	310,000		310,000						310,000
R3199 Federal Other	480,000		480,000		520,000				1,000,000
R8089 Reappropriated Paygo	57,026		57,026						57,026
R7000 Future Bonds			0		100,000				100,000
			0						0
			0						0
Total Funds	847,026	0	847,026	0	620,000	0	0	0	1,467,026

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 3/1/15:

Expended	171,851
Encumbered	7,824
Total	\$179,675

OPEN/ACTIVE PROJECTS

PROJECT: Edgewood Plaza Retrofit and Stream Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****A104103****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction of a stormwater management retrofit and stream restoration. The channel downstream of the Edgewood Plaza is experiencing extreme erosion. The proposed retrofit of an existing stormwater facility will treat additional impervious areas and improve water quality. The streambanks downstream will also be stabilized using an innovative step pool technique and reconnect the stream to the floodplain. 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:**

Concept designs have been completed. Harford County is currently discussing land acquisition options with the MD Department of Natural Resources.

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	200,000		200,000						200,000
Land Acquisition			0						0
Construction	188		188						188
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,188	0	200,188	0	0	0	0	0	200,188

FUNDING SCHEDULE

R3320 State DNR/SWM	200,000		200,000						200,000
R8089 Reappropriated Paygo	188		188						188
			0						0
			0						0
			0						0
			0						0
Total Funds	200,188	0	200,188	0	0	0	0	0	200,188

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	188
Encumbered	0
Total	\$188

PROJECT: Lilly Run Watershed Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****A134109****PROJECT DESCRIPTION / JUSTIFICATION:**

The Lilly Run watershed is 977 acres located within the County and City of Havre de Grace. The headwaters begin in the unincorporated lands outside of the City and discharge into the Susquehanna River approximately one mile north of the confluence with the Chesapeake Bay. The project includes the design, engineering, and construction of 3,000 feet of stormwater management and flood control; and is a priority project within Harford County's Watershed Implementation Plan. The project will also include streambank restoration, wetland creation, public education and recreational facilities. Water quality assessments and projects are required under the County's municipal NPDES or MS4 permit through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

PROJECT SCHEDULE:**PROJECT STATUS:**

A proposal has been submitted for engineering design services. A memorandum of understanding between the City and the County has been drafted.

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	725,000		725,000						725,000
Land Acquisition			0						0
Construction			0						0
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
R3399 State Other	75,000		75,000						75,000
R6999 Other	500,000		500,000						500,000
			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 3/1/15:

Expended	65
Encumbered	0
Total	\$65

PROJECT: Maintenance/Repair of Dams 99

STORMWATER MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A994108

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. Maintenance of new stormwater retrofit projects and repairs to stream restoration projects are also included. 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:

Maintenance/Repair of Dams A144128 created in FY14 for new work. This account will remain open until the special assessments have been paid.

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	35,000		35,000						35,000
Land Acquisition			0						0
Construction	805,000		805,000						805,000
Inspection Fees	55,000		55,000						55,000
Equipment/Furnishing			0						0
Total Cost	895,000	0	895,000	0	0	0	0	0	895,000

FUNDING SCHEDULE

R8750 Paygo	370,000		370,000						370,000
R1602 Special Assessment	143,781		143,781						143,781
R6999 Other	346,509		346,509						346,509
R6340 Corporate/Business	34,710		34,710						34,710
			0						0
			0						0
Total Funds	895,000	0	895,000	0	0	0	0	0	895,000

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	667,819
Encumbered	9,321
Total	<u>\$677,140</u>

PROJECT: Stormwater Enhancement

STORMWATER MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A064114

PROJECT DESCRIPTION / JUSTIFICATION:

Funding for the project will provide for the retrofit of stormwater management facilities and/or the construction of stream restoration projects to provide for water quality and habitat enhancement. Projects may be undertaken by the County utilizing a portion of the funding from the owner or may supplement work being completed by owners by providing grant funding. In addition, water quality and habitat enhancement projects may be accomplished in conjunction with new developments by utilizing and supplementing stormwater management fee-in-lieu payments deposited by developers.

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	165,000		165,000						165,000
Land Acquisition			0						0
Construction	650,000		650,000						650,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	815,000	0	815,000	0	0	0	0	0	815,000

FUNDING SCHEDULE

R8750 Paygo	65,000		65,000						65,000
R6999 Other	280,000		280,000						280,000
R6340 Corporate/Business	470,000		470,000						470,000
			0						0
			0						0
			0						0
Total Funds	815,000	0	815,000	0	0	0	0	0	815,000

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	487,306
Encumbered	60,096
Total	<u>\$547,402</u>

PROJECT: Watershed Restoration Improvements**STORMWATER MANAGEMENT****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****A064103****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. Projects could qualify for grants up to 75%. This project will be used to develop conceptual designs for larger projects and design and construction for smaller projects. 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	887,000		887,000						887,000
Land Acquisition			0						0
Construction	576,228		576,228						576,228
Inspection Fees	65,000		65,000						65,000
Equipment/Furnishing			0						0
Total Cost	1,528,228	0	1,528,228	0	0	0	0	0	1,528,228

FUNDING SCHEDULE

R8750 Paygo	693,000		693,000						693,000
R8089 Reappropriated Paygo	335,228		335,228						335,228
R3320 State DNR/SWM	500,000		500,000						500,000
			0						0
			0						0
			0						0
Total Funds	1,528,228	0	1,528,228	0	0	0	0	0	1,528,228

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	965,968
Encumbered	82,586
Total	<u>\$1,048,554</u>

PROJECT: Watershed/Stream Assessment Studies

STORMWATER MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A094107

PROJECT DESCRIPTION / JUSTIFICATION:

Watershed/stream 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:

PROJECT STATUS:

Project will be closed when all purchase orders have been closed. This project will be replaced with the new watershed restoration assessments capital project recommended for fiscal year 2016.



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	1,035,000		1,035,000						1,035,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	30,000		30,000						30,000
Total Cost	1,065,000	0	1,065,000	0	0	0	0	0	1,065,000

FUNDING SCHEDULE

R8089 Reappropriated Paygo	225,000		225,000						225,000
R3320 State DNR/SWM	20,000		20,000						20,000
R8750 Paygo	755,000		755,000						755,000
R3199 Federal Other	65,000		65,000						65,000
			0						0
			0						0
Total Funds	1,065,000	0	1,065,000	0	0	0	0	0	1,065,000

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	891,578
Encumbered	140,065
Total	<u>\$1,031,643</u>

PROJECT: Woodbridge Retrofit and Stream Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****A074106****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction of a stormwater retrofit and stream restoration on a tributary of Foster Branch. Approximately 1,600 feet of stream will be restored as a result of this project. The stormwater facility is located in the Woodbridge community and discharges into the stream being restored. 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:**

Construction has been completed. Project will be closed after all purchase orders have been finalized.

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	260,000		260,000						260,000
Land Acquisition			0						0
Construction	650,000		650,000						650,000
Inspection Fees	110,000		110,000						110,000
Equipment/Furnishing			0						0
Total Cost	1,020,000	0	1,020,000	0	0	0	0	0	1,020,000

FUNDING SCHEDULE

R8750 Paygo	620,000		620,000						620,000
R3320 State DNR/SWM	400,000		400,000						400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,020,000	0	1,020,000	0	0	0	0	0	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 3/1/15:

Expended	810,887
Encumbered	76,914
Total	\$887,801

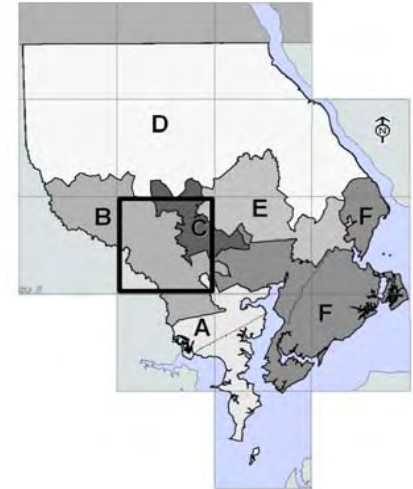
PROJECT: Woodland Run Stream Restoration**STORMWATER MANAGEMENT****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****A094108****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction of a stream restoration on Farnandis Branch, a tributary of Bynum Run. Approximately 1,800 feet of stream will be restored as a result of this project. The project is located in the Wakely Terrace 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:

FY14 Design

FY16 Construction

**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2014.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2015 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction	350,000		350,000						350,000
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	300,000		300,000						300,000
R3320 State DNR/SWM	400,000		400,000						400,000
			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 3/1/15:

Expended	1,706
Encumbered	0
Total	\$1,706



Mt. Royal Stormwater Management

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

GENERAL FUND

PUBLIC SAFETY

FY 16 Funded Projects

New Emergency Operations Center Complex	46,294,525	46,444,525	(150,000)	0	0	0	0	0
911 State Fee Fund	600,000	0	100,000	100,000	100,000	100,000	100,000	100,000
Public Safety Communications in School Buildings	650,000	250,000	100,000	100,000	100,000	100,000	0	0
VFC Facility Repair	3,700,000	100,000	600,000	500,000	500,000	750,000	750,000	500,000

Outyear Projects:

Computer Equipment/Networks	2,491,742	2,241,742	0	250,000	0	0	0	0

Open Projects:

Bel Air Substation at Patterson Mill	2,868,400	2,868,400	0	0	0	0	0	0
Detention Center Expansion	32,018,131	32,018,131	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
911 State Fee Fund	3,200,000	3,200,000	0	0	0	0	0	0
Norrisville Station	875,000	875,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	21,693,412	21,693,412	0	0	0	0	0	0
TRT Equipment	160,000	160,000	0	0	0	0	0	0
VFC Facility Repair	2,750,000	2,750,000	0	0	0	0	0	0

Sheriff/Emergency/Fire Total by Project

	120,451,210	115,751,210	650,000	950,000	700,000	950,000	850,000	600,000

Paygo	19,029,650	14,779,650	700,000	850,000	600,000	850,000	750,000	500,000
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	77,655,339	77,805,339	(150,000)	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0
State	19,304,292	18,704,292	100,000	100,000	100,000	100,000	100,000	100,000
Federal	3,068,412	3,068,412	0	0	0	0	0	0
Other	50,000	50,000	0	0	0	0	0	0
Lease Purchase	981,017	981,017	0	0	0	0	0	0

Sheriff / Emergency / Fire Total by Fund

	120,451,210	115,751,210	650,000	950,000	700,000	950,000	850,000	600,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

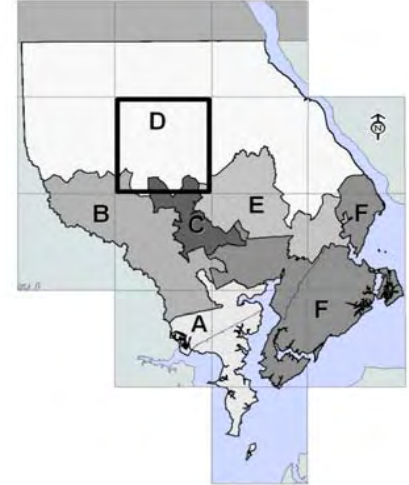
GENERAL FUND

PUBLIC SAFETY

New Emergency Operations Center Complex	(150,000)	0	(150,000)	0	0	0	0	0	0	0	0	0
911 State Fee Fund	100,000	0	0	0	0	0	0	100,000	0	0	0	0
Public Safety Communication in School Buildings	100,000	100,000	0	0	0	0	0	0	0	0	0	0
VFC Facility Repair	600,000	600,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	650,000	700,000	(150,000)	0	0	0	0	100,000	0	0	0	0

PROJECT: New Emergency Operations Center Complex**EMERGENCY SERVICES****COUNCIL DISTRICT: D****LOCATION: Forest Hill, MD****E074110****PROJECT DESCRIPTION / JUSTIFICATION:**

A feasibility study was completed to determine expansion and upgrade requirements for a new Emergency Operations Center. Design services have been completed for phase I and are 90% complete for phase II of this project. Phase I of this project includes a new Emergency Operations and Dispatch center. Phase II includes a new radio and hazmat/technical rescue team (TRT) shop. Construction of the total project is expected to be completed by the end of FY16. For FY 16 Prior Bonds have been reappropriated to the Fleet Maintenance Facility capital project.

**PROJECT SCHEDULE:**

FY 13: Begin construction of phase I

FY 14: Buy equipment for and continue construction of phase I

FY 15: Complete construction of phase I

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	2,363,281		2,363,281						2,363,281
Land Acquisition			0						0
Construction	39,581,244	(150,000)	39,431,244						39,431,244
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing	4,400,000		4,400,000						4,400,000
Total Cost	46,444,525	(150,000)	46,294,525	0	0	0	0	0	46,294,525

FUNDING SCHEDULE

R7100 Prior Bonds	41,611,500	(150,000)	41,461,500						41,461,500
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	2,500,000		2,500,000						2,500,000
R3199 Federal Other	2,000,000		2,000,000						2,000,000
Total Funds	46,444,525	(150,000)	46,294,525	0	0	0	0	0	46,294,525

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$3,623,353

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	32,823,882
Encumbered	1,096,066
Total	\$33,919,948

PROJECT: 911 State Fee Fund

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

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 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		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Total Cost	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000

FUNDING SCHEDULE

R3399 State Other		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
			0						0
			0						0
			0						0
			0						0
			0						0
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: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

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.

**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 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	250,000	100,000	350,000	100,000	100,000	100,000			650,000
Total Cost	250,000	100,000	350,000	100,000	100,000	100,000	0	0	650,000

FUNDING SCHEDULE

R8750 Paygo	250,000	100,000	350,000	100,000	100,000	100,000			650,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	100,000	350,000	100,000	100,000	100,000	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 3/1/15:

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

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:

- 1) Darlington station - roof
- 2) Abingdon station - HVAC
- 3) Whiteford station - bay lighting
- 4) Havre de Grace Ambulance - concrete pad
- 5) Level station - pond site
- 6) Norrisville station - signage

**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	100,000	600,000	700,000	500,000	500,000	750,000	750,000	500,000	3,700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	100,000	600,000	700,000	500,000	500,000	750,000	750,000	500,000	3,700,000

FUNDING SCHEDULE

R8750 Paygo	100,000	600,000	700,000	500,000	500,000	750,000	750,000	500,000	3,700,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	600,000	700,000	500,000	500,000	750,000	750,000	500,000	3,700,000

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 3/1/15:

Expended	29,377
Encumbered	0
Total	\$29,377

OUTYEAR PROJECTS

FY 17 - FY 21

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.

Prior appropriation represents funding from FY05 - FY14.

PROJECT SCHEDULE:

Refresh of agency equipment July 2014 - June 2015

**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 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	2,241,742		2,241,742	250,000					2,491,742
Total Cost	2,241,742	0	2,241,742	250,000	0	0	0	0	2,491,742

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	250,000					1,648,225
			0						0
			0						0
			0						0
Total Funds	2,241,742	0	2,241,742	250,000	0	0	0	0	2,491,742

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 3/1/15:

Expended	1,990,013
Encumbered	54,787
Total	\$2,044,800

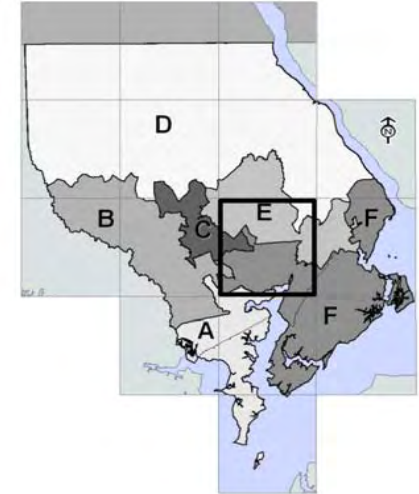
OPEN/ACTIVE PROJECTS

PROJECT: Bel Air Substation at Patterson Mill**VOLUNTEER FIRE COMPANIES****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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:

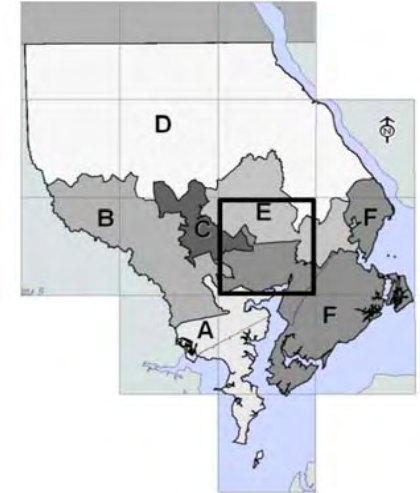
Expended 2,843,475

Encumbered 14,450

Total \$2,857,925

PROJECT: Detention Center Expansion**SHERIFF'S OFFICE****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****E044106****PROJECT DESCRIPTION / JUSTIFICATION:**

The Harford County Detention Center is constructing a 288 bed expansion for maximum and medium security level male and female inmates. The new construction is 76,146 square feet and renovation work is 14,067 square feet. A construction contract was awarded and construction commenced on September 22, 2008.

**PROJECT SCHEDULE:**

Close out should be completed by December 2013.

PROJECT STATUS:

This project 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	2,457,103		2,457,103						2,457,103
Land Acquisition			0						0
Construction	29,471,028		29,471,028						29,471,028
Inspection Fees			0						0
Equipment/Furnishing	90,000		90,000						90,000
Total Cost	32,018,131	0	32,018,131	0	0	0	0	0	32,018,131

FUNDING SCHEDULE

R8750 Paygo	220,000		220,000						220,000
R3399 State Other	13,004,292		13,004,292						13,004,292
R7100 Prior Bonds	18,793,839		18,793,839						18,793,839
			0						0
			0						0
			0						0
Total Funds	32,018,131	0	32,018,131	0	0	0	0	0	32,018,131

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,099,596

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 32,004,463

Encumbered 0

Total \$32,004,463

PROJECT: Fire, EMS, and Law Enforcement CAD

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

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 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	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: \$29,568
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

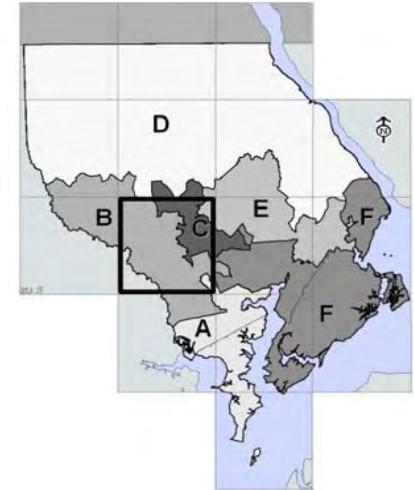
Expended	2,399,788
Encumbered	47,389
Total	<u>\$2,447,177</u>

PROJECT: Joppa Magnolia Fire Station Expansion**VOLUNTEER FIRE COMPANIES****COUNCIL DISTRICT: B****LOCATION: Joppatowne, MD****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:**

This project is awaiting funding.

**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

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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: 911 State Fee Fund

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

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 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		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Total Cost	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000

FUNDING SCHEDULE

R3399 State Other		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
			0						0
			0						0
			0						0
			0						0
			0						0
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: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered

Total \$0

PROJECT: Norrisville Station

VOLUNTEER FIRE COMPANIES

COUNCIL DISTRICT: D

LOCATION: Norrisville, MD

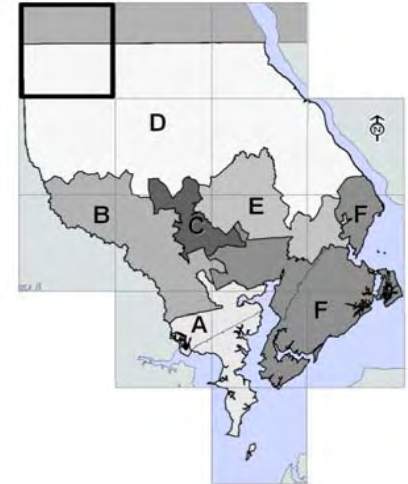
E124110

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 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	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 3/1/15:

Expended	695,484
Encumbered	0
Total	<u>\$695,484</u>

PROJECT: 700 MHz Wireless Radio System Equipment**EMERGENCY SERVICES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 Baltimore County and the regional radio systems. Additional sites will allow for increased coverage for public service providers throughout Harford County. This is a federally mandated project.

PROJECT SCHEDULE:

FY 14: Complete upgrade, additional RF sites, dispatch IP consoles

FY 15: Merge 700 and 800 systems

FY 16: additional public safety/service radios & GRT replacement

FY 17: additional public safety/service radios & GRT replacement

PROJECT STATUS:

Project is on schedule. Upgrading of subscriber radios is about 45% complete.

When the systems are merged, upgrading of all subscriber radios must be 100% completed.

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

**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	21,693,412		21,693,412						21,693,412
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	21,693,412	0	21,693,412	0	0	0	0	0	21,693,412

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
									0
			0						0
			0						0
Total Funds	21,693,412	0	21,693,412	0	0	0	0	0	21,693,412

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,505,278

Annual Operating/Maintenance Cost: \$200,000

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

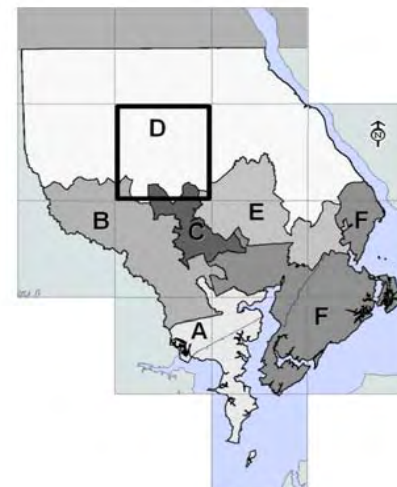
Expended	13,595,216
Encumbered	2,452,565
Total	\$16,047,781

PROJECT: TRT Equipment**EMERGENCY SERVICES****COUNCIL DISTRICT: D****LOCATION: Forest Hill, MD****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 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	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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: VFC Facility Repair

VOLUNTEER FIRE COMPANIES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

E074112

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. The cost for an approved repair/renovation should range from \$25,000 to no more than \$150,000.

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	2,750,000		2,750,000						2,750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,750,000	0	2,750,000	0	0	0	0	0	2,750,000

FUNDING SCHEDULE

R8750 Paygo	2,750,000		2,750,000						2,750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,750,000	0	2,750,000	0	0	0	0	0	2,750,000

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 3/1/15:

Expended	2,750,000
Encumbered	0
Total	<u>\$2,750,000</u>

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
HARFORD COMMUNITY COLLEGE								
FY 16 Funded Projects:								
Computer Equipment Technology	1,124,835	334,835	790,000	0	0	0	0	0
New Nursing and Allied Health Building	19,781,467	18,769,467	1,012,000	0	0	0	0	0
Site and Parking Lot Improvements	3,721,251	2,221,251	250,000	250,000	250,000	250,000	250,000	250,000
Outyear Projects:								
Edgewood Hall Renovation and Expansion	8,632,000	632,000	0	8,000,000	0	0	0	0
Regional Workforce Development Center	2,400,000	0	0	0	0	0	0	2,400,000
Open Projects:								
Belcamp Renovation	150,000	150,000	0	0	0	0	0	0
Maryland Hall Conversion	305,000	305,000	0	0	0	0	0	0
Susquehanna Roof Replacement	450,000	450,000	0	0	0	0	0	0
College Total by Project	36,564,553	22,862,553	2,052,000	8,250,000	250,000	250,000	250,000	2,650,000
Paygo	325,000	325,000	0	0	0	0	0	0
Future Bonds	5,335,000	0	435,000	3,500,000	0	0	0	1,400,000
Prior Bonds	8,656,251	8,656,251	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
State	18,107,467	12,030,467	577,000	4,500,000	0	0	0	1,000,000
Other	4,140,835	1,850,835	1,040,000	250,000	250,000	250,000	250,000	250,000
College Total by Fund	36,564,553	22,862,553	2,052,000	8,250,000	250,000	250,000	250,000	2,650,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

GENERAL FUND

HARFORD COMMUNITY COLLEGE

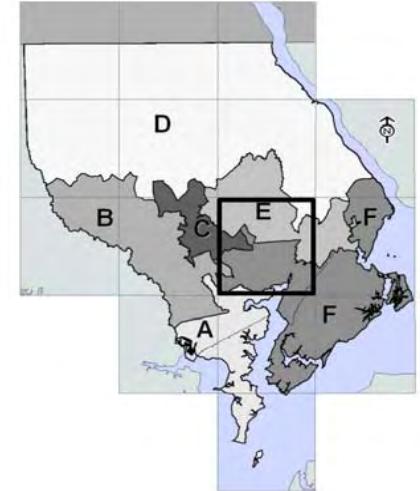
Computer Equipment Technology	790,000	0	0	0	0	0	0	0	0	0	0	790,000
Nursing and Allied Health Building	1,012,000	0	0	435,000	0	0	0	577,000	0	0	0	0
Site and Parking Lot Improvements	250,000	0	0	0	0	0	0	0	0	0	0	250,000
SUB-TOTAL HCC	2,052,000	0	0	435,000	0	0	0	577,000	0	0	0	1,040,000

PROJECT: Computer Equipment/Technology**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****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 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	334,835	790,000	1,124,835						1,124,835
Total Cost	334,835	790,000	1,124,835	0	0	0	0	0	1,124,835

FUNDING SCHEDULE

R6999 Other HCC	334,835	790,000	1,124,835						1,124,835
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	334,835	790,000	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

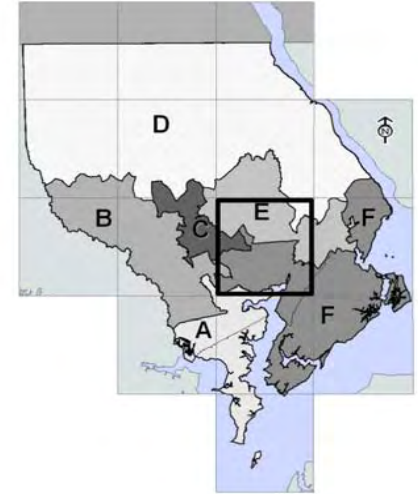
Expended

Encumbered

Total \$0

PROJECT: New Nursing and Allied Health Building**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	1,090,492		1,090,492						1,090,492
Land Acquisition			0						0
Construction	15,778,975	1,012,000	16,790,975						16,790,975
Inspection Fees			0						0
Equipment/Furnishing	1,900,000		1,900,000						1,900,000
Total Cost	18,769,467	1,012,000	19,781,467	0	0	0	0	0	19,781,467

FUNDING SCHEDULE

R7100 Prior Bonds	7,456,000		7,456,000						7,456,000
R7920 State Bonds	11,313,467	577,000	11,890,467						11,890,467
R7000 Future Bonds		435,000	435,000						435,000
			0						0
			0						0
			0						0
Total Funds	18,769,467	1,012,000	19,781,467	0	0	0	0	0	19,781,467

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$660,408

Annual Operating/Maintenance Cost: \$43,560

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	7,456,000
Encumbered	0
Total	\$7,456,000

PROJECT: Site and Parking Lot Improvements**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****C034111****PROJECT DESCRIPTION / JUSTIFICATION:**

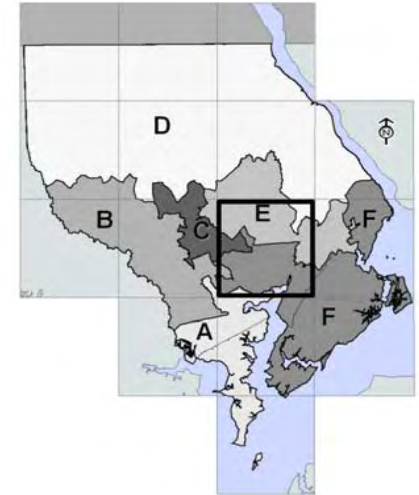
This project involves the expansion, replacement, installation, and major repair for campus parking lots, roadways, and sidewalks to address utilization issues. Roadway and parking lot improvements include measures to reduce rainwater run-off and will be aligned with the Facilities Master Plan. Planning for an extension of the road behind Bel Air and Havre de Grace Halls to the Susquehanna Center will be initiated.

PROJECT SCHEDULE:

FY 15: Expansion of T-Lot and J-Lot North

FY 16: Replacement roads at Fallston and Chesapeake

FY 17: Replace T-Lot

**PROJECT STATUS:**

Completion of current projects.

Observatory road.

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	353,751		353,751						353,751
Land Acquisition			0						0
Construction	1,867,500	250,000	2,117,500	250,000	250,000	250,000	250,000	250,000	3,367,500
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,221,251	250,000	2,471,251	250,000	250,000	250,000	250,000	250,000	3,721,251

FUNDING SCHEDULE

R8750 Paygo	325,000		325,000						325,000
R7100 Prior Bonds	928,251		928,251						928,251
R6999 Other	611,000	250,000	861,000	250,000	250,000	250,000	250,000	250,000	2,111,000
R7920 State Bonds	357,000		357,000						357,000
			0						0
			0						0
Total Funds	2,221,251	250,000	2,471,251	250,000	250,000	250,000	250,000	250,000	3,721,251

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$91,649

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 1,253,251

Encumbered 0

Total \$1,253,251

OUTYEAR PROJECTS

FY 17 - FY 21

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

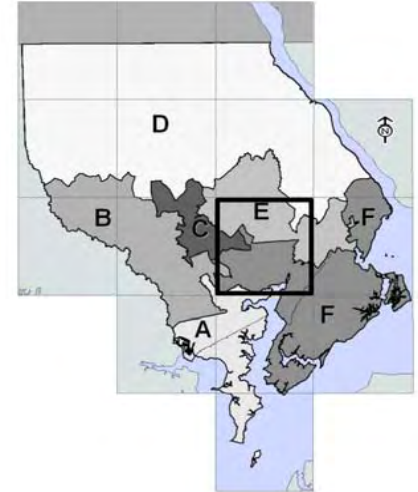
This project has been moved up on the Facilities Master Plan due to systemic problems. The project will consist of a major renovation to solve these problems and add two small additions to meet programmatic needs resulting in a building that will serve the College's needs for the next 25 years. The two 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.

PROJECT SCHEDULE:

FY 14: Design

FY 15: Construction

FY 16: Equipping

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	632,000		632,000						632,000
Land Acquisition			0						0
Construction			0	7,241,000					7,241,000
Inspection Fees			0						0
Equipment/Furnishing			0	759,000					759,000
Total Cost	632,000	0	632,000	8,000,000	0	0	0	0	8,632,000

FUNDING SCHEDULE

R7100 Prior Bonds	272,000		272,000						272,000
R7920 State Bonds	360,000		360,000	4,500,000					4,860,000
R7000 Future Bonds			0	3,500,000					3,500,000
			0						0
			0						0
			0						0
Total Funds	632,000	0	632,000	8,000,000	0	0	0	0	8,632,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$24,480

Annual Operating/Maintenance Cost: N/A

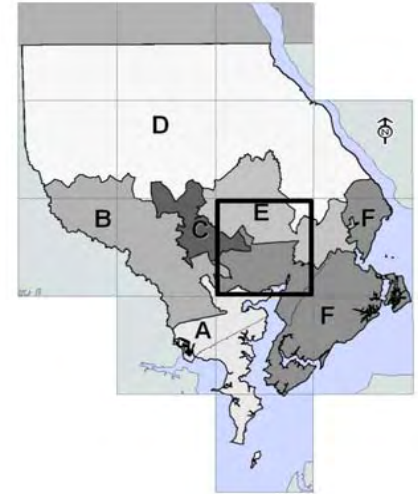
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

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

PROJECT: Regional Workforce Development Center**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****New****PROJECT DESCRIPTION / JUSTIFICATION:**

The new Regional Workforce Development Center located on the West Campus will enable the non-credit and apprentice training programs to grow. This will permit the consolidation of the existing apprenticeship programs now spread-out in Edgewood Hall, Joppa Hall, and the Observatory, into a single, appropriately-designed and highly technical facility. Projected size is a single story 49,000 GSF building. Edgewood Hall, which now houses most of the other continuing education and training programs, would be converted into classroom and lab space.

**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					2,400,000	2,400,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	2,400,000	2,400,000

FUNDING SCHEDULE

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

Expended
 Encumbered
 Total \$0

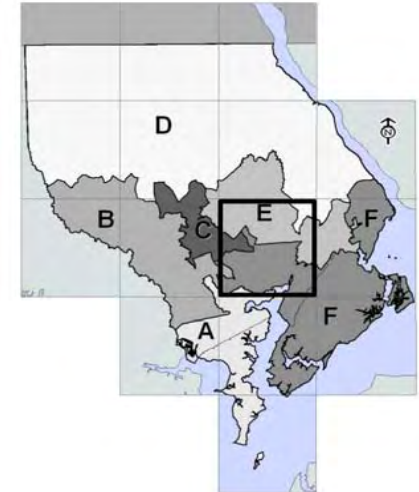
OPEN/ACTIVE PROJECTS

PROJECT: Belcamp Renovation**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****New****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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

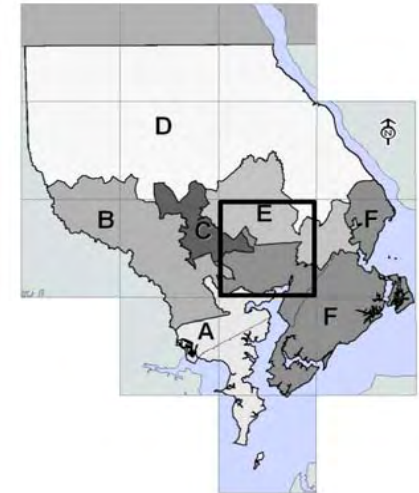
Total \$0

PROJECT: Maryland Hall Conversion**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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

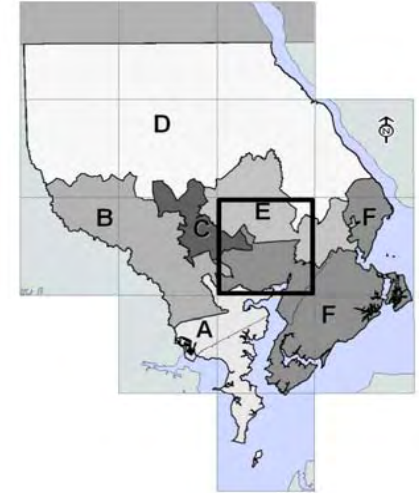
Expended

Encumbered

Total \$0

PROJECT: Susquehanna Roof Replacement**HARFORD COMMUNITY COLLEGE****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****New****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
LIBRARIES								
<u>FY 16 Funded Projects:</u>								
Havre de Grace Expansion	9,020,000	7,720,000	1,300,000	0	0	0	0	0
<u>Outyear Projects:</u>								
Technology	1,290,960	790,960	0	100,000	100,000	100,000	100,000	100,000
<u>Open Projects:</u>								
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
Facility Maintenance and Repairs	352,647	352,647	0	0	0	0	0	0
Facility Renovations	500,000	500,000	0	0	0	0	0	0
Jarrettsville Library	5,884,000	5,884,000	0	0	0	0	0	0
Joppa Branch - Centralized Dehumidification	100,000	100,000	0	0	0	0	0	0
Whiteford Library Expansion	4,238,200	4,238,200	0	0	0	0	0	0
Libraries Total by Project	21,497,807	19,697,807	1,300,000	100,000	100,000	100,000	100,000	100,000
Paygo	2,605,197	2,105,197	0	100,000	100,000	100,000	100,000	100,000
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	16,487,400	16,487,400	0	0	0	0	0	0
State	1,000,000	0	1,000,000	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Reappropriated	5,210	5,210	0	0	0	0	0	0
Other	1,000,000	700,000	300,000	0	0	0	0	0
Libraries Total by Fund	21,497,807	19,697,807	1,300,000	100,000	100,000	100,000	100,000	100,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

LIBRARIES

Havre de Grace Expansion	1,300,000	0	0	0	0	0	0	1,000,000	0	0	0	300,000
SUB-TOTAL LIBRARIES	1,300,000	0	0	0	0	0	0	1,000,000	0	0	0	300,000

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

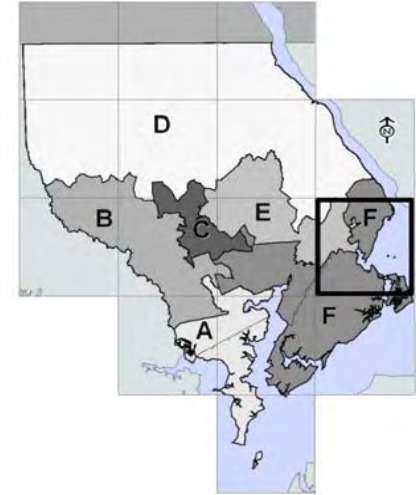
A feasibility study was completed in February 2009. The related report indicated the Branch is undersized and cramped. The consultant recommended expanding the Branch from 8,420 square feet to approximately 15,000 square feet. Feasibility (\$52,000) and design (\$535,000) funds totaling \$587,000 was 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. The existing facility closed for renovations on 9/27/14. Operations are continuing on a reduced scale in a temporary location in Havre de Grace while the renovations take place. Groundbreaking for the new facility is scheduled for November, 2014.

PROJECT SCHEDULE:

FY 09: Feasibility study

FY14: Design

FY15- FY 16: 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	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	1,350,000	1,300,000	2,650,000						2,650,000
Total Cost	7,720,000	1,300,000	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	600,000	300,000	900,000						900,000
R3399 State Other		1,000,000	1,000,000						1,000,000
			0						0
			0						0
Total Funds	7,720,000	1,300,000	9,020,000	0	0	0	0	0	9,020,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$604,800

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 3/1/15:

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

OUTYEAR PROJECTS

FY 17 - FY 21

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. Additionally, the Library is requesting network infrastructure replacement and upgrades (i.e. port switches, routers, servers, cabling, storage racks), replacement computer monitors and printers, self-checkout equipment for the branches, RFID security equipment, phone system replacements and upgrades.

PROJECT SCHEDULE:

Ongoing

PROJECT STATUS:

This project is active.



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	790,960		790,960	100,000	100,000	100,000	100,000	100,000	1,290,960
Total Cost	790,960	0	790,960	100,000	100,000	100,000	100,000	100,000	1,290,960

FUNDING SCHEDULE

R8750 Paygo	790,960		790,960	100,000	100,000	100,000	100,000	100,000	1,290,960
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	790,960	0	790,960	100,000	100,000	100,000	100,000	100,000	1,290,960

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	294,773
Encumbered	0
Total	<u>\$294,773</u>

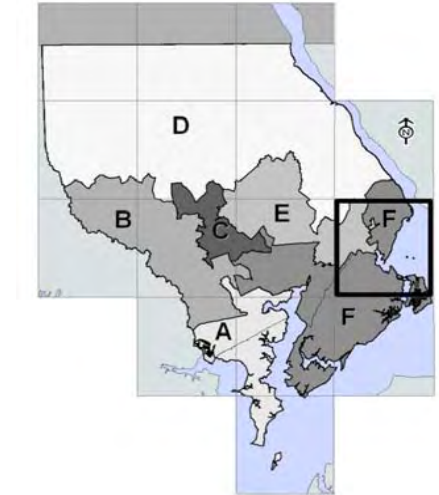
OPEN/ACTIVE PROJECTS

PROJECT: Aberdeen Branch - Expansion**LIBRARIES****COUNCIL DISTRICT: E****LOCATION: Aberdeen, MD****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 5,000 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.

PROJECT SCHEDULE:

FY 2014: Feasibility Study

**PROJECT STATUS:**

Ongoing. \$56,000 was appropriated in FY 12 for a feasibility study to help determine the extent and location of the expansion, the size of the materials collection, the parking resources required, etc.

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	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
R7000 Future Bonds			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:

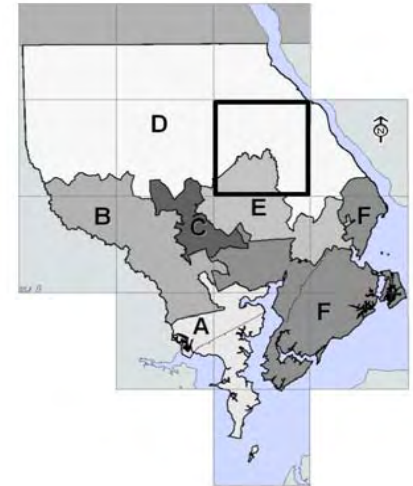
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	39,406
Encumbered	6,954
Total	\$46,360

PROJECT: Darlington Branch - Expansion**LIBRARIES****COUNCIL DISTRICT: D****LOCATION: Darlington, MD****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 will be conducted in FY 2014 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 8,000 square feet is currently being used as a basis for estimating design and construction costs. Land acquisition costs, if any are excluded from the cost estimates below.

**PROJECT SCHEDULE:**

FY 14: Feasibility study

PROJECT STATUS:

Ongoing - \$56,000 was appropriated in FY 12 for a feasibility study to help determine the extent and location of the expansion.

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	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
R7000 Future Bonds			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 3/1/15:

Expended	28,768
Encumbered	3,177
Total	\$31,945

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

This project provides funding for miscellaneous maintenance and repairs at the Library's 12 locations. Projects include, but are not limited to, painting, electrical work, interior and exterior lighting repairs, and other minor maintenance tasks.

PROJECT SCHEDULE:

This project is ongoing.

**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	352,647		352,647						352,647
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	352,647	0	352,647	0	0	0	0	0	352,647

FUNDING SCHEDULE

R8750 Paygo	347,437		347,437						347,437
R8089 Reappropriated Paygo	5,210		5,210						5,210
			0						0
			0						0
			0						0
			0						0
Total Funds	352,647	0	352,647	0	0	0	0	0	352,647

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	102,735
Encumbered	0
Total	\$102,735

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:

This project is ongoing.

**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	400,000		400,000						400,000
Inspection Fees			0						0
Equipment/Furnishing	100,000		100,000						100,000
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 3/1/15:

Expended	102,735
Encumbered	0
Total	\$102,735

PROJECT: Jarrettsville Library

LIBRARIES

COUNCIL DISTRICT: D

LOCATION: Jarrettsville, MD

L004109

PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funding for a 14,000 square foot library facility, a start up collection, and furniture and equipment.

PROJECT SCHEDULE:



PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 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	212,000		212,000						212,000
Land Acquisition	404,061		404,061						404,061
Construction	5,267,939		5,267,939						5,267,939
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	5,884,000	0	5,884,000	0	0	0	0	0	5,884,000

FUNDING SCHEDULE

R7100 Prior Bonds	5,784,000		5,784,000						5,784,000
R6999 Other	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	5,884,000	0	5,884,000	0	0	0	0	0	5,884,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$366,971

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

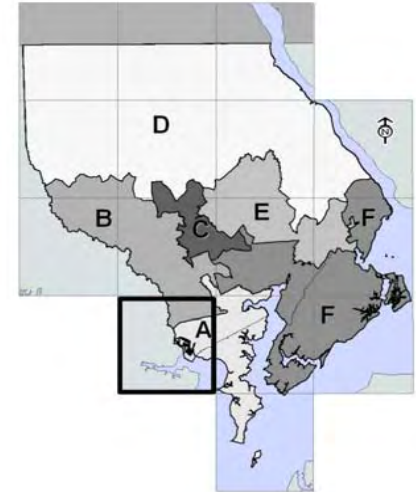
Expended 5,841,309

Encumbered 0

Total \$5,841,309

PROJECT: Joppa Branch - Centralized Dehumidification**LIBRARIES****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Whiteford Library Expansion**LIBRARIES****COUNCIL DISTRICT: F****LOCATION: Whiteford, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$422,400

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	4,234,977
Encumbered	0
Total	<u>\$4,234,977</u>



Abingdon Library

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

GENERAL FUND

BOARD OF EDUCATION

FY 16 Funded Projects:

Center for Educational Opportunity - Air Conditioning	4,625,000	0	4,625,000	0	0	0	0	0
Churchville Elementary School Roof Replacement	825,000	0	825,000	0	0	0	0	0
North Harford MS Domestic Water Improvements	1,000,000	500,000	500,000	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	0	4,685,000	0	0	0	0	0
Technology Education Lab Refresh	650,000	0	250,000	0	200,000	0	200,000	0
Youth's Benefit Elementary School Replacement	47,057,866	28,818,866	17,139,000	1,100,000	0	0	0	0

Outyear Projects:

Building Envelope Improvements	1,650,000	700,000	0	150,000	200,000	200,000	200,000	200,000
Havre de Grace Middle/High School Replacement	86,050,000	3,950,000	0	34,700,000	37,400,000	10,000,000	0	0
Joppatowne High School Systemic Project	28,973,000	13,673,000	0	0	0	0	0	15,300,000
Major HVAC Repairs	33,690,134	8,690,134	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Major Roof Repair/Replacement	15,000,000	0	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Paving - Overlay and Maintenance	2,680,630	1,430,630	0	250,000	250,000	250,000	250,000	250,000
Replacement Buses	13,825,197	11,325,197	0	500,000	500,000	500,000	500,000	500,000
Technology Infrastructure 15	13,618,237	10,618,237	0	600,000	600,000	600,000	600,000	600,000

Open Projects:

Aberdeen High School Stadium & Weight Room Upgrades	1,600,000	1,600,000	0	0	0	0	0	0
Aberdeen High School North Building	665,000	665,000	0	0	0	0	0	0
ADA Improvements	600,000	600,000	0	0	0	0	0	0
Athletic Fields Repair and Restoration	487,000	487,000	0	0	0	0	0	0
Backflow Prevention	600,000	600,000	0	0	0	0	0	0
Band Uniform Refresh	72,340	72,340	0	0	0	0	0	0
Bel Air High School Replacement	79,876,086	79,876,086	0	0	0	0	0	0
Bleacher Replacement	500,000	500,000	0	0	0	0	0	0
Campus Hills Elementary School	900,000	900,000	0	0	0	0	0	0
Career and Tech Education Equipment Refresh	500,000	500,000	0	0	0	0	0	0
Darlington ES Comprehensive HVAC System	2,138,000	2,138,000	0	0	0	0	0	0
Deerfield ES Replacement	31,734,200	31,734,200	0	0	0	0	0	0
Dublin ES Boiler Replacement	244,112	244,112	0	0	0	0	0	0
Dublin ES Comprehensive HVAC	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 Lab	115,000	115,000	0	0	0	0	0	0
Energy Conservation Measures	500,000	500,000	0	0	0	0	0	0
Energy Efficiency Initiative Projects	4,873,775	4,873,775	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

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

BOARD OF EDUCATION

Open Projects (cont.):

Fallston High School Autism Renovation	250,000	250,000	0	0	0	0	0	0
Fallston HS Comprehensive HVAC Systemic Projects	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
Forest Hill Annex Electrical Upgrades	344,527	344,527	0	0	0	0	0	0
Fountain Green Elementary School Technology	200,000	200,000	0	0	0	0	0	0
Harford Technical High School Field Improvements	4,878,825	4,878,825	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
Hickory Elementary School Technology	100,000	100,000	0	0	0	0	0	0
Homestead Wakefield Electrical Support for Technology	250,000	250,000	0	0	0	0	0	0
Homestead Wakefield ES Modernization	133,454	133,454	0	0	0	0	0	0
Integrated Business Systems	403,000	403,000	0	0	0	0	0	0
Jarrettsville ES Comprehensive HVAC	3,700,000	3,700,000	0	0	0	0	0	0
John Archer School at Bel Air Middle School	83,045	83,045	0	0	0	0	0	0
Joppatowne Elementary School Modernization	13,533,863	13,533,863	0	0	0	0	0	0
Joppatowne High School Weight Room Repairs	250,000	250,000	0	0	0	0	0	0
Locker Replacement	430,000	430,000	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	50,000	50,000	0	0	0	0	0	0
Music Equipment Refresh Program 05	575,000	575,000	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 ES Comprehensive HVAC	4,550,390	4,550,390	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 High School Repairs	50,000	50,000	0	0	0	0	0	0
North Harford Middle School Water System	261,114	261,114	0	0	0	0	0	0
Outdoor Track Reconditioning	200,000	200,000	0	0	0	0	0	0
Paving - New Parking Areas	300,000	300,000	0	0	0	0	0	0
Playground Equipment	350,000	350,000	0	0	0	0	0	0
Prospect Mill Elementary School	1,997,778	1,997,778	0	0	0	0	0	0
Red Pump Road Elementary School	29,837,480	29,837,480	0	0	0	0	0	0
Relocatable Classrooms	3,588,022	3,588,022	0	0	0	0	0	0
Replacement of Riverside Heating/Cooling	11,748,347	11,748,347	0	0	0	0	0	0
Replacement Vehicles	6,084,396	6,084,396	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	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
BOARD OF EDUCATION								
Open Projects (cont.):								
Ring Factory ES HVAC Equipment Replacement Project	1,099,000	1,099,000	0	0	0	0	0	0
Roof Replacement	933,702	933,702	0	0	0	0	0	0
Roof Replacements 13	830,000	830,000	0	0	0	0	0	0
Roof Replacements 14	706,041	706,041	0	0	0	0	0	0
Roofing Replacement 07	1,236,530	1,236,530	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
Southampton Middle School HVAC	1,141,703	1,141,703	0	0	0	0	0	0
Special Education Facilities Improvements	200,000	200,000	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	725,000	725,000	0	0	0	0	0	0
Swimming Pool Renovations	300,000	300,000	0	0	0	0	0	0
Technology	4,751,467	4,751,467	0	0	0	0	0	0
Technology Infrastructure 04	14,285,802	14,285,802	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
Youth's Benefit ES Primary Building HVAC	2,488,734	2,488,734	0	0	0	0	0	0
Education Total by Project	667,710,951	493,086,951	28,024,000	45,300,000	47,150,000	19,550,000	9,750,000	24,850,000
Paygo	39,213,575	30,863,575	250,000	1,500,000	1,750,000	1,550,000	1,750,000	1,550,000
Future Bonds	115,565,000	0	18,465,000	31,100,000	35,000,000	14,000,000	4,000,000	13,000,000
Prior Bonds	316,510,577	316,510,577	0	0	0	0	0	0
Reappropriated	14,212,196	14,212,196	0	0	0	0	0	0
Transfer Tax	19,209,204	19,209,204	0	0	0	0	0	0
Recordation Tax	780,614	780,614	0	0	0	0	0	0
State	144,314,860	93,605,860	9,309,000	12,700,000	10,400,000	4,000,000	4,000,000	10,300,000
Other	12,795,175	12,795,175	0	0	0	0	0	0
Lease Purchase	5,109,750	5,109,750	0	0	0	0	0	0
Education Total by Fund	667,710,951	493,086,951	28,024,000	45,300,000	47,150,000	19,550,000	9,750,000	24,850,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

GENERAL FUND

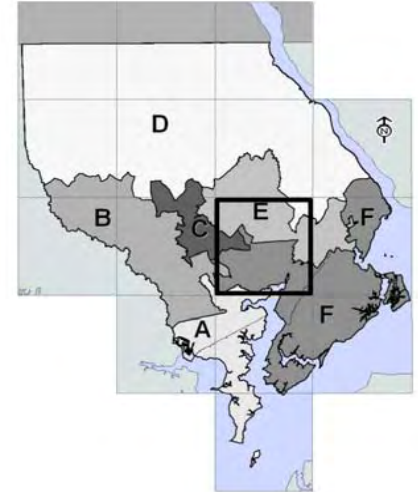
BOARD OF EDUCATION

Center for Educational Opportunity HVAC	4,625,000	0	0	2,200,000	0	0	0	2,425,000	0	0	0	0
Churchville Elementary School Roof Replacement	825,000	0	0	330,000	0	0	0	495,000	0	0	0	0
North Harford MS Domestic Water System Improvements	500,000	0	0	500,000	0	0	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	0	0	2,294,000	0	0	0	2,391,000	0	0	0	0
Technology Education Lab Refresh	250,000	250,000	0	0	0	0	0	0	0	0	0	0
Youth's Benefit Elementary School Replacement	17,139,000	0	0	13,141,000	0	0	0	3,998,000	0	0	0	0

SUB-TOTAL BOARD OF EDUCATION	28,024,000	250,000	0	18,465,000	0	0	0	9,309,000	0	0	0	0

PROJECT: Center for Educational Opportunity - HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Aberdeen, MD****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 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		4,625,000	4,625,000						4,625,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	4,625,000	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
R7000 Future Bonds		2,200,000	2,200,000						2,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	4,625,000	4,625,000	0	0	0	0	0	4,625,000

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

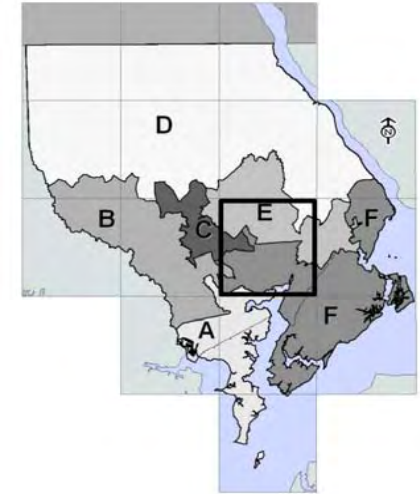
Expended
Encumbered
Total \$0

PROJECT: Churchville Elementary School Roof Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****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 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		825,000	825,000						825,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	825,000	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	0	825,000	825,000	0	0	0	0	0	825,000

OPERATING BUDGET IMPACT:

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

Financial Activity as of

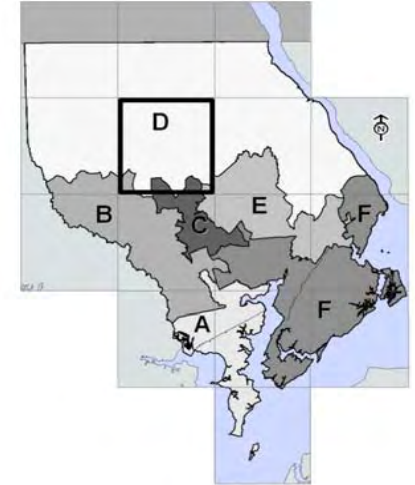
Expended
 Encumbered
 Total \$0

PROJECT: North Harford Middle School Domestic Water Improvements**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Pylesville, MD****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 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	500,000	500,000	1,000,000						1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	500,000	500,000	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	500,000		500,000						500,000
R7000 Future Bonds		500,000	500,000						500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	500,000	1,000,000	0	0	0	0	0	1,000,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$45,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

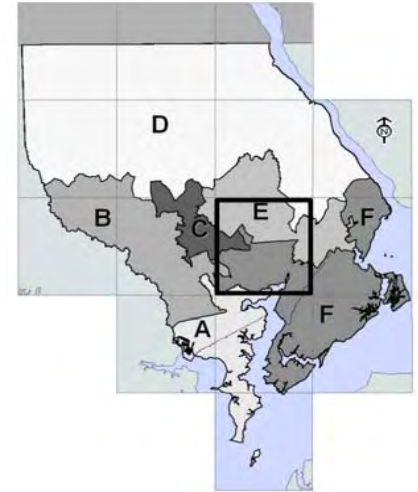
Expended

Encumbered

Total \$0

PROJECT: Prospect Mill Elementary School HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Bel Air, MD****B164111****PROJECT DESCRIPTION / JUSTIFICATION:**

Originally built in 1973 the building had three separate additions and renovations in 190, 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 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		4,685,000	4,685,000						4,685,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	4,685,000	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
R7000 Future Bonds		2,294,000	2,294,000						2,294,000
									0
			0						0
			0						0
			0						0
Total Funds	0	4,685,000	4,685,000	0	0	0	0	0	4,685,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost:

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended

Encumbered 0

Total \$0

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 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		250,000	250,000		200,000		200,000		650,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	250,000	250,000	0	200,000	0	200,000	0	650,000

FUNDING SCHEDULE

R8750 Paygo		250,000	250,000		200,000		200,000		650,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	0	200,000	0	200,000	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

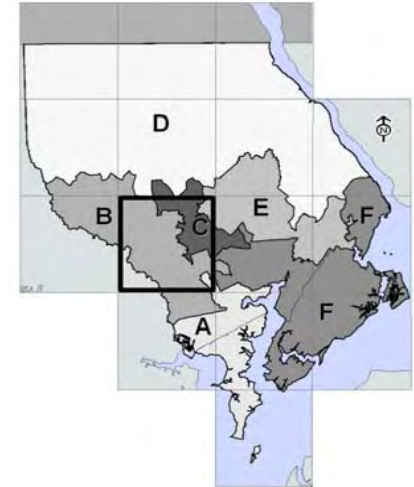
Expended

Encumbered

Total \$0

PROJECT: Youth's Benefit Elementary School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Fallston, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	3,510,600		3,510,600						3,510,600
Land Acquisition			0						0
Construction	22,068,266	17,139,000	39,207,266						39,207,266
Inspection Fees	3,240,000		3,240,000						3,240,000
Equipment/Furnishing			0	1,100,000					1,100,000
Total Cost	28,818,866	17,139,000	45,957,866	1,100,000	0	0	0	0	47,057,866

FUNDING SCHEDULE

R7100 Prior Bonds	20,255,600		20,255,600						20,255,600
R7920 State Bonds	6,252,000	3,998,000	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		13,141,000	13,141,000	1,100,000					14,241,000
			0						0
			0						0
Total Funds	28,818,866	17,139,000	45,957,866	1,100,000	0	0	0	0	47,057,866

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,054,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	3,366,990
Encumbered	0
Total	\$3,366,990

OUTYEAR PROJECTS

FY 17 - FY 21

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:

Future projects:

Southampton Middle School masonry pointing project

Riverside Elementary School exterior doors and hardware

Edgewood Middle School masonry point up and fascia coating waterproofing

Bel Air Middle School windows and doors

Harford Technical High School exterior doors and windows

Edgewood Middle School exterior doors and windows

**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	150,000	200,000	200,000	200,000	200,000	1,650,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	700,000	0	700,000	150,000	200,000	200,000	200,000	200,000	1,650,000

FUNDING SCHEDULE

R6999 Other BOE	500,000		500,000						500,000
R8750 Paygo	200,000		200,000	150,000	200,000	200,000	200,000	200,000	1,150,000
			0						0
			0						0
			0						0
			0						0
Total Funds	700,000	0	700,000	150,000	200,000	200,000	200,000	200,000	1,650,000

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 03/01/15:

Expended 199,718

Encumbered 0

Total \$199,718

PROJECT: Havre de Grace Middle/High School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****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 Specifications 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	3,950,000		3,950,000						3,950,000
Land Acquisition			0						0
Construction			0	34,700,000	34,400,000	5,500,000			74,600,000
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	34,700,000	37,400,000	10,000,000	0	0	86,050,000

FUNDING SCHEDULE

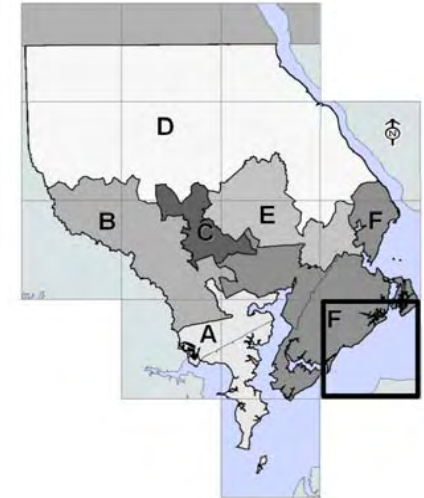
R7100 Prior Bonds	3,700,000		3,700,000						3,700,000
R7920 State Bonds			0	8,700,000	6,400,000				15,100,000
R6999 Other BOE	250,000		250,000						250,000
R7000 Future Bonds			0	26,000,000	31,000,000	10,000,000			67,000,000
			0						0
			0						0
Total Funds	3,950,000	0	3,950,000	34,700,000	37,400,000	10,000,000	0	0	86,050,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$333,000
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

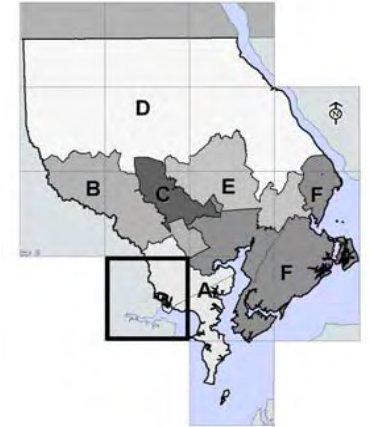
Financial Activity as of 03/1/15:

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



PROJECT: Joppatowne High School Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	1,551,244		1,551,244					1,500,000	3,051,244
Land Acquisition			0						0
Construction	12,121,756		12,121,756					13,800,000	25,921,756
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	13,673,000	0	13,673,000	0	0	0	0	15,300,000	28,973,000

FUNDING SCHEDULE

R7100 Prior Bonds	7,400,000		7,400,000						7,400,000
R7920 State Bonds	6,273,000		6,273,000					6,300,000	12,573,000
R7000 Future Bonds			0					9,000,000	9,000,000
			0						0
			0						0
			0						0
Total Funds	13,673,000	0	13,673,000	0	0	0	0	15,300,000	28,973,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$666,000
 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: 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.

Per BOE request, \$500,000 in Prior Bonds (Bond Bill 11-25) was reallocated to this project from the BOE Red Pump ES Capital Project.

PROJECT SCHEDULE:

North Bend ES chiller, tower and gym handling unit replacement
Homestead ES boilers (2), chillers (1), cooling tower and controls; Fallston MS chiller and tower replacement
Old Post Road boilers (2), Joppatowne HS boilers (2)
Edgewood MS chiller and Natatorium unit replacement
Hickory ES chiller replacement



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	500,000	500,000	500,000	500,000	500,000	2,500,000
Land Acquisition			0						0
Construction	8,690,134		8,690,134	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	31,190,134
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,690,134	0	8,690,134	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	33,690,134

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
R3399 State Other			0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
R7100 Prior Bonds	4,953,911		4,953,911						4,953,911
R7000 Future Bonds			0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
R8770 Reappropriated	100,000		100,000						100,000
Total Funds	8,690,134	0	8,690,134	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	33,690,134

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$460,317
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	4,462,086
Encumbered	0
Total	<u>\$4,462,086</u>

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:



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	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000

FUNDING SCHEDULE

R7000 Future Bonds			0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
R7920 State Bonds			0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000

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: 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:

Joppatowne High School (full)
 Riverside Elementary School (partial)
 Halls Cross Road Elementary School (partial area)
 North Bend Elementary School (partial area)
 Meadowvale Elementary School (entire area)
 William Paca /Old Post ES

**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	1,430,630		1,430,630	250,000	250,000	250,000	250,000	250,000	2,680,630
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,430,630	0	1,430,630	250,000	250,000	250,000	250,000	250,000	2,680,630

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000	250,000	250,000	250,000	250,000	250,000	1,550,000
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	250,000	250,000	250,000	250,000	250,000	2,680,630

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 10/31/14:

Expended	200,000
Encumbered	0
Total	\$200,000

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 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	11,325,197		11,325,197	500,000	500,000	500,000	500,000	500,000	13,825,197
Total Cost	11,325,197	0	11,325,197	500,000	500,000	500,000	500,000	500,000	13,825,197

FUNDING SCHEDULE

R8750 Paygo	7,426,574		7,426,574	500,000	500,000	500,000	500,000	500,000	9,926,574
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	0	11,325,197	500,000	500,000	500,000	500,000	500,000	13,825,197

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 03/01/15:

Expended 8,000,482

Encumbered 0

Total \$8,000,482

PROJECT: Technology Infrastructure 15**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B154117****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 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	10,618,237		10,618,237	600,000	600,000	600,000	600,000	600,000	13,618,237
Total Cost	10,618,237	0	10,618,237	600,000	600,000	600,000	600,000	600,000	13,618,237

FUNDING SCHEDULE

R8750 Paygo	16,948		16,948	600,000	600,000	600,000	600,000	600,000	3,016,948
R1525 Transfer Tax	52,381		52,381						52,381
R7100 Prior Bonds	2,340,682		2,340,682						2,340,682
R8026 Reappropriated Transfer Tax	55,473		55,473						55,473
R6999 Other BOE	8,152,753		8,152,753						8,152,753
			0						0
			0						0
Total Funds	10,618,237	0	10,618,237	600,000	600,000	600,000	600,000	600,000	13,618,237

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

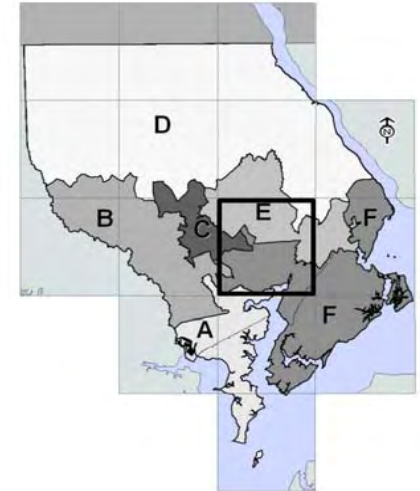
Financial Activity as of 03/1/15:

Expended	519,972
Encumbered	0
Total	\$519,972

OPEN/ACTIVE PROJECTS

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	1,466,381
Encumbered	0
Total	<u>\$1,466,381</u>

PROJECT: Aberdeen HS North Building

BOARD OF EDUCATION

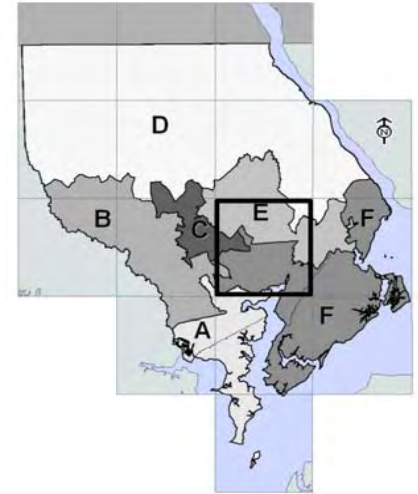
COUNCIL DISTRICT: E

LOCATION: Aberdeen, MD

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 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	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
R8770 Reappropriated	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 03/01/15:

Expended	567,053
Encumbered	0
Total	<u>\$567,053</u>

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:



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

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

Financial Activity as of 3/1/15:

Expended	228,423
Encumbered	0
Total	<u>\$228,423</u>

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

This project provides funds of \$5,000 for each existing high school athletic field. There are a total of ten (10) high schools. In addition, this account also provides funds of \$20,000 for one high school a year to restore its stadium fields which includes practice and/or stadium fields. The funds are important for the routine maintenance of the sod, which has a five (5) year life cycle.

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	487,000		487,000						487,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	487,000	0	487,000	0	0	0	0	0	487,000

FUNDING SCHEDULE

R8750 Paygo	151,000		151,000						151,000
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	0	0	0	0	0	487,000

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	270,287
Encumbered	0
Total	\$270,287

PROJECT: Backflow Prevention

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B054111

PROJECT DESCRIPTION / JUSTIFICATION:

Design services to inventory all schools to determine the existing backflow prevention on water systems within the school.

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	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
			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 03/01/15:

Expended 339,509

Encumbered 0

Total \$339,509

PROJECT: Band Uniform Refresh**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13008****PROJECT DESCRIPTION / JUSTIFICATION:**

Band uniforms have a life expectancy of about ten years under normal use conditions. Uniforms generally consist of a jacket, pants, hat and ornamental plume. Other accessories that may be purchased could include: gauntlets, capes, raingear and/or other items of an ornamental nature. The cost of a basic uniform generally runs \$400-\$450. A complete inventory must consist of various sizes from very small to very large and number about 20% greater than the number of students in the group for any given year to meet the varying size demands of the students.

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	72,340		72,340						72,340
Total Cost	72,340	0	72,340	0	0	0	0	0	72,340

FUNDING SCHEDULE

R6999 Other BOE	72,340		72,340						72,340
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	72,340	0	72,340	0	0	0	0	0	72,340

OPERATING BUDGET IMPACT:

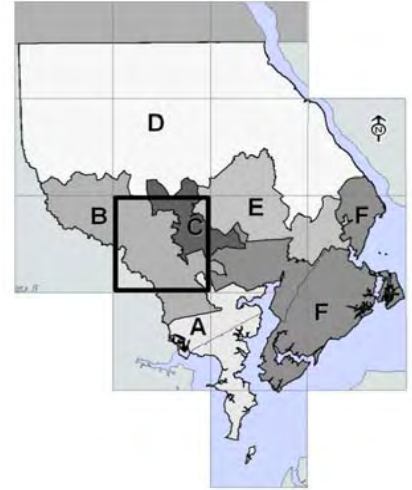
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: Bel Air High School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****B994119****PROJECT DESCRIPTION / JUSTIFICATION:**

The Bel Air High School replacement building was completed and occupied in August, 2009. The State maximum allocation is \$11,876,519, of which \$11,450,000 was approved in FY 11. The balance of \$426,520 was requested for FY 12. The FY 12 State reimbursement received for Bel Air High School was reallocated to fund other capital projects.

**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	3,145,463		3,145,463						3,145,463
Land Acquisition			0						0
Construction	72,175,831		72,175,831						72,175,831
Inspection Fees			0						0
Equipment/Furnishing	4,554,792		4,554,792						4,554,792
Total Cost	79,876,086	0	79,876,086	0	0	0	0	0	79,876,086

FUNDING SCHEDULE

R7920 State Bonds	27,095,683		27,095,683						27,095,683
R7100 Prior Bonds	74,709,204		74,709,204						74,709,204
R6999 Other BOE	(25,404,945)		(25,404,945)						(25,404,945)
R8750 Paygo	2,014,314		2,014,314						2,014,314
R8770 Reappropriated	20,000		20,000						20,000
R1525 Transfer Tax	1,441,830		1,441,830						1,441,830
Total Funds	79,876,086	0	79,876,086	0	0	0	0	0	79,876,086

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$5,704,145
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	78,180,719
Encumbered	0
Total	<u>\$78,180,719</u>

PROJECT: Bleacher Replacement

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

BB13013

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funding for the removal and replacement of interior bleachers.

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	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

R6999 Other BOE	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

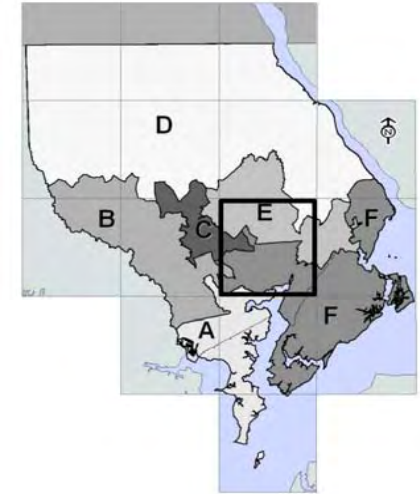
New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	<u>\$0</u>

PROJECT: Campus Hills Elementary School**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****B084131****PROJECT DESCRIPTION / JUSTIFICATION:**

The schools to the north and east of Bel Air are experiencing capacity problems due to the intensive development along Rt. 543/Fountain Green corridor. There were several schools identified for additions, but they did not have site conditions which allowed for them. This project is viewed as a comprehensive solution to numerous enrollment impacts. The site was recently purchased by Harford County for the purpose of building an elementary school. This is outside the development envelope and is not in the priority funding area. The IAC approved the site on June 30, 2008 for the development of an elementary school site.

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

Design development is 60% 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	137,856		137,856						137,856
Land Acquisition			0						0
Construction	762,144		762,144						762,144
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	900,000	0	900,000	0	0	0	0	0	900,000

FUNDING SCHEDULE

R7100 Prior Bonds	800,000		800,000						800,000
R1515 Recordation Tax	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	900,000	0	900,000	0	0	0	0	0	900,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$61,781
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	839,860
Encumbered	0
Total	\$839,860

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. Sample upgrades include:

1. Refresh computers, printers and scanners for the 42 sites that offer CTE programs in the Business, Finance and Information Technology Career Cluster on a four to five year cycle (current price is \$35,000 per classroom)
2. Replace instructional technology and laboratory equipment for the 40 sites that offer CTE programs in the Health and Human Service Career Cluster as needed (examples: walk in cooler @ \$19,700; Hobart commercial mixer @ \$2,040; ActivBoard @ \$4,600)
3. Replace instructional technology and machinery for the 18 sites that offer CTE programs in the Science, Engineering and Technology Career Cluster as needed (examples: hot water pressure @ \$5,700; wheel balancers @ \$3,890; printing press @ \$12,650)
4. Purchase additional equipment to meet industry standards and postsecondary articulation agreements as CTE programs are added or expanded at the 11 County high schools (examples: Pre-Engineering, Cyber Security, Biomedical Sciences)

**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	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:

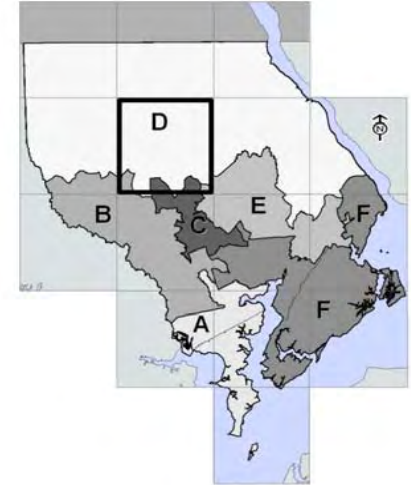
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	200,000
Encumbered	0
Total	\$200,000

PROJECT: Darlington Elementary School Comprehensive HVAC Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Darlington, MD****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. Temperature controls however remained rudimentary and there is no centralized control of the HVAC system for the school. The school continues to have problems with maintaining proper temperature and humidity control (hot, cold, and humid spaces). Since the system is at the end of its useful life, it is recommended that a new HVAC system with energy recovery, dedicated fresh air, as well as modernized DDC controls be installed to provide reduced operating costs, and better temperature and humidity control.

**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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	1,806,460		1,806,460						1,806,460
Inspection Fees	131,540		131,540						131,540
Equipment/Furnishing			0						0
Total Cost	2,138,000	0	2,138,000	0	0	0	0	0	2,138,000

FUNDING SCHEDULE

R7920 State Bonds	603,000		603,000						603,000
R7100 Prior Bonds	1,535,000		1,535,000						1,535,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,138,000	0	2,138,000	0	0	0	0	0	2,138,000

OPERATING BUDGET IMPACT:

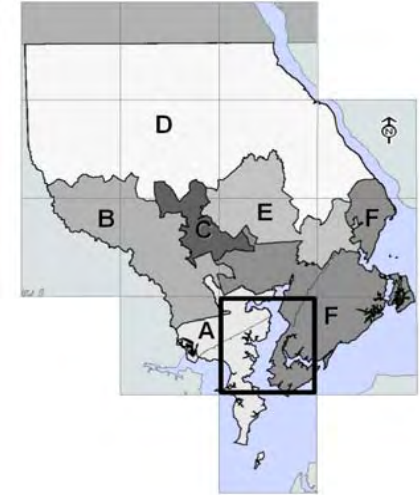
Estimated Annual Debt Service Cost: \$138,150
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	131,880
Encumbered	0
Total	<u>131,880</u>

PROJECT: Deerfield Elementary School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$1,636,611
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	21,771,317
Encumbered	0
Total	\$21,771,317

PROJECT: Dublin Elementary School Boiler Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Street, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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:

Expended

Encumbered

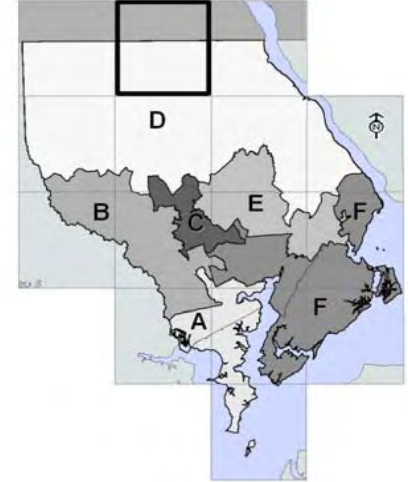
Total \$0

PROJECT: Dublin Elementary School Comprehensive HVAC Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Street, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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:

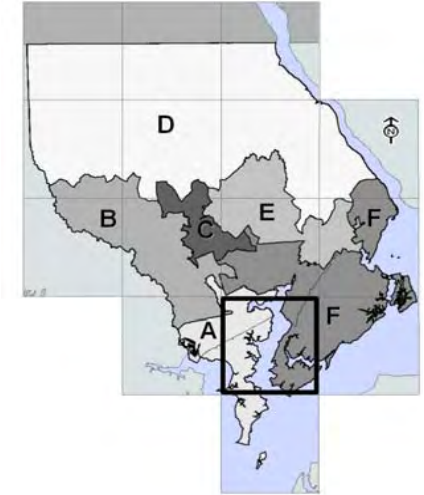
Estimated Annual Debt Service Cost: \$184,950
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	243,181
Encumbered	0
Total	\$243,181

PROJECT: Edgewood High School Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$6,449,087
 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 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	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 Conservation Measures**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13014****PROJECT DESCRIPTION / JUSTIFICATION:**

Energy conservation funds are used to replace, retrofit and install energy reducing equipment and support other related resource conservation measures within the school system. Types of expenditures included are occupancy sensors for lighting, HVAC equipment, lighting upgrades to provide efficient lighting, expanded energy management controls, water conservation, and solid waste reduction measures.

**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	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

R6999 Other BOE	500,000		500,000						500,000
R8750 Paygo			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

Expended	0
Encumbered	0
Total	\$0

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 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	4,873,775		4,873,775						4,873,775
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,873,775	0	4,873,775	0	0	0	0	0	4,873,775

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
			0						0
			0						0
			0						0
Total Funds	4,873,775	0	4,873,775	0	0	0	0	0	4,873,775

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 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:

Future projects include but not limited to:

Joppatowne High School boiler room & spray on fireproofing (above suspended ceiling); ACM removal

Halls Cross Roads crawl space ACM removal

George D. Lisby @ Hillsdale tile and Youth's Benefit acoustic plaster ACM removal

John Archer underground storage tank removal

North Harford ES underground storage tank removal

Aberdeen Middle underground storage tank removal

Homestead/Wakefield ES underground storage tank removal

**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	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 03/01/15:

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 prjoect 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 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	1,055,000		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:

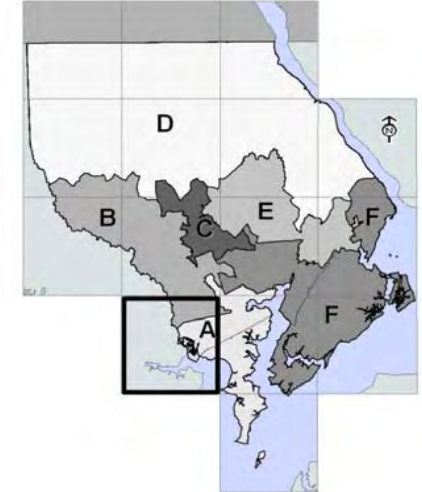
Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	718,653
Encumbered	0
Total	<u>\$718,653</u>

PROJECT: Fallston High School Autism Renovation**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Fallston, MD****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 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	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: \$737,960

Annual Operating/Maintenance Cost: N/A

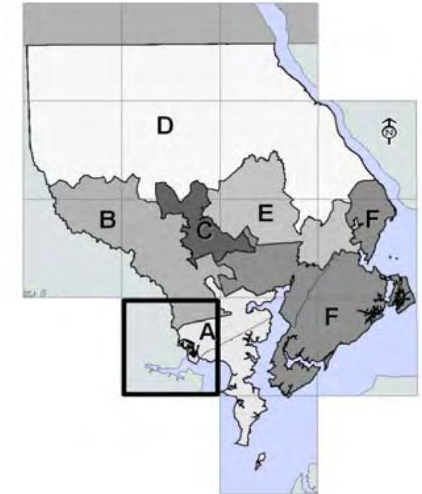
New Positions (FTE's): N/A

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, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$737,960

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 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	1,075,000		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 3/1/15:

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:

Future flooring replacement projects will be as follows:

Darlington Elementary School
 Hall's Cross Roads Elementary School
 Abingdon Elementary School
 Fallston Middle School
 Fountain Green Elementary School
 Church Creek Elementary School
 Emmorton Elementary School

**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	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
			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:

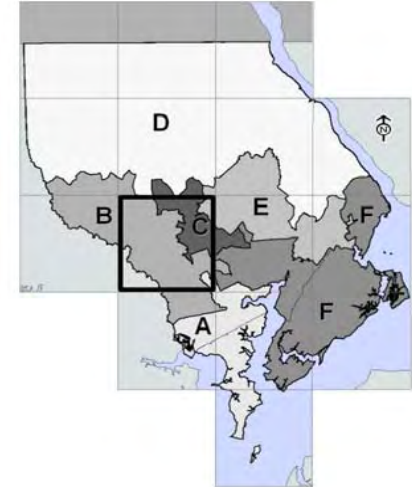
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: Forest Hill Annex Electrical Upgrades**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Forest Hill, MD****B124127****PROJECT DESCRIPTION / JUSTIFICATION:**

Funding will provide for design, bidding, construction and inspection services to replace the lighting and electrical service components to meet current life safety codes in the Forest Hill Annex facility. The itemization of the work includes the replacement of the existing 600 amp electrical service to 1,000 amp electrical service to include associated related conduits as well as distribution equipment. In addition, the work will include the replacement of the warehouse lighting to provide a minimum of 20 foot candles (average) of lighting as well as the warehouse office and associated spaces. The emergency and exit signage will also be replaced to comply with current NFPA 101 Life Safety Code. For energy efficiency occupancy sensors and new lighting, controls for safety will be installed for the new lighting system. For facility security additional lighting will be installed to supplement the existing exterior wall mounted lighting fixtures.

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

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	344,527		344,527						344,527
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	344,527	0	344,527	0	0	0	0	0	344,527

FUNDING SCHEDULE

R1525 Transfer Tax	344,527		344,527						344,527
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	344,527	0	344,527	0	0	0	0	0	344,527

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:

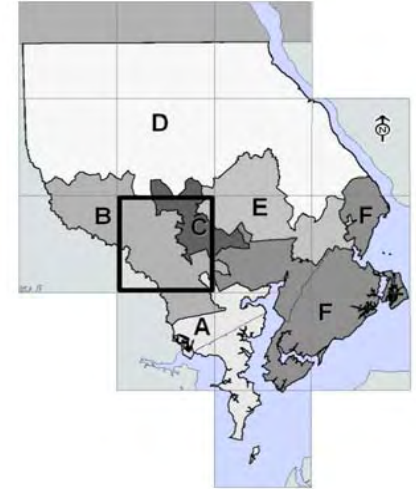
Expended	344,527
Encumbered	0
Total	\$344,527

PROJECT: Fountain Green Elementary School Technology**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****B154115****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for network upgrades and laptop carts within the Fountain Green Elementary School Campus. These upgrades and carts are necessary for the utilization of information and technology equipment for the Fountain Green students.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

**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	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:

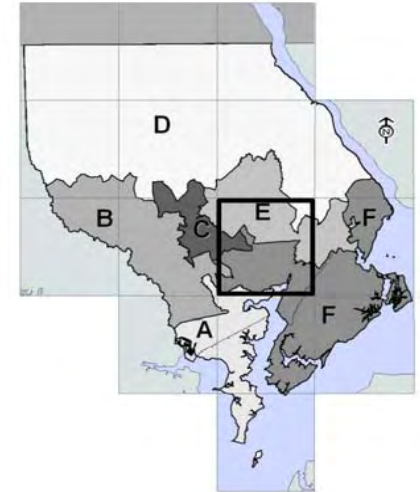
Estimated Annual Debt Service Cost:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	200,000
Encumbered	0
Total	\$200,000

PROJECT: Harford Technical High School Field Improvements**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****B074121****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funding for the redevelopment of athletic fields on the Harford Technical campus, and for the construction of a football field.

**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	300,000		300,000						300,000
Land Acquisition			0						0
Construction	4,578,825		4,578,825						4,578,825
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,878,825	0	4,878,825	0	0	0	0	0	4,878,825

FUNDING SCHEDULE

R1525 Transfer Tax	178,825		178,825						178,825
R7100 Prior Bonds	4,700,000		4,700,000						4,700,000
			0						0
			0						0
			0						0
			0						0
Total Funds	4,878,825	0	4,878,825	0	0	0	0	0	4,878,825

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$472,760

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

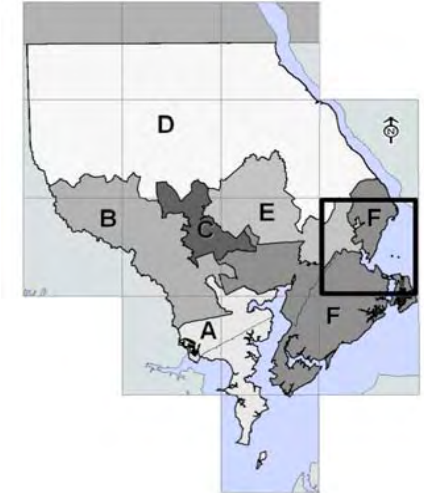
Expended 4,878,825

Encumbered 0

Total \$4,878,825

PROJECT: Havre de Grace High School Field Facilities**BOARD OF EDUCATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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

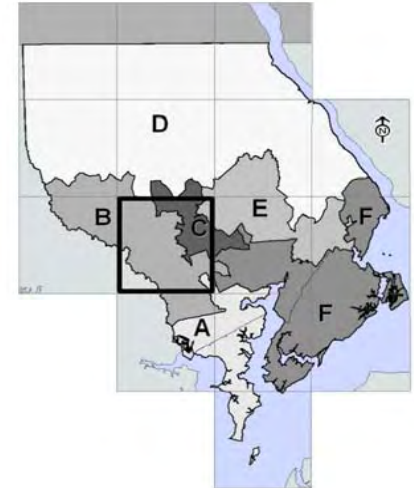
Total \$308,886

PROJECT: Hickory Elementary School Technology**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****B154116****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for network upgrades within the Hickory Elementary School Campus. These upgrades are necessary for the utilization of information and technology equipment for the Hickory students.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

**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	100,000		100,000						100,000
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:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

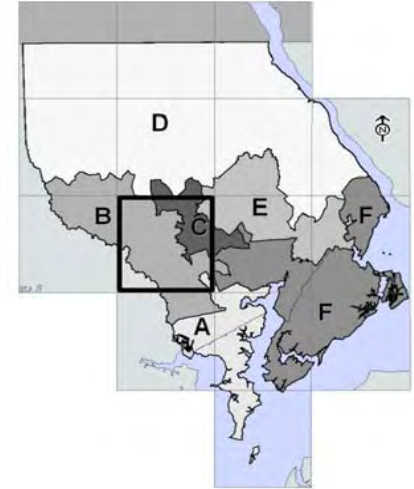
Expended	100,000
Encumbered	0
Total	\$100,000

PROJECT: Homestead Wakefield Electrical Support for Technology**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****B144132****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for network upgrades and laptop carts within the Homestead Wakefield Elementary School Campus. These upgrades and carts are necessary for the utilization of information and technology equipment for the Homestead Wakefield students.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

**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	250,000		250,000						250,000
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:
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

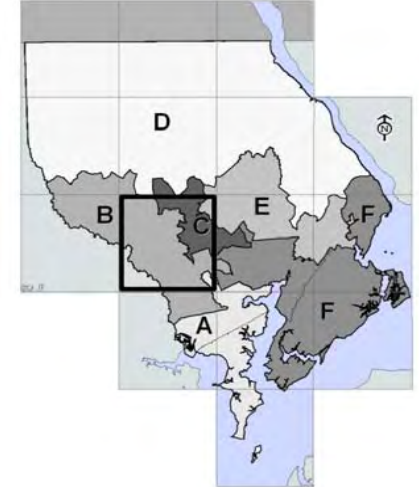
Expended	250,000
Encumbered	0
Total	\$250,000

PROJECT: Homestead Wakefield ES Modernization**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Bel Air, MD****B084113****PROJECT DESCRIPTION / JUSTIFICATION:**

Wakefield Elementary School was constructed in 1958 with a kindergarten annex in 1968 and a media center addition in 1996. Homestead Elementary School was constructed in 1966 with a media addition in 1998. A full scope study was performed during FY 08. The project calls for the full modernization of 115,458 square feet in the two building campus. A scope study was performed in FY 09 and FY 10. This scope study determined that the optimal building scheme and the proposed John Archer School at Bel Air Middle School request that the Homestead building be demolished.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is in the design phase.

**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	133,454		133,454						133,454
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	133,454	0	133,454	0	0	0	0	0	133,454

FUNDING SCHEDULE

R7100 Prior Bonds	33,454		33,454						33,454
R6999 Other BOE	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	133,454	0	133,454	0	0	0	0	0	133,454

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$3,560

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	32,454
Encumbered	0
Total	\$32,454

PROJECT: Integrated Business Systems**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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	403,000		403,000						403,000
Total Cost	403,000	0	403,000	0	0	0	0	0	403,000

FUNDING SCHEDULE

R8770 Reappropriated	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:

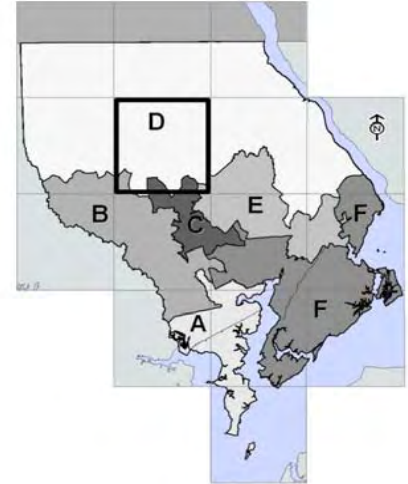
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	384,344
Encumbered	0
Total	<u>\$384,344</u>

PROJECT: Jarrettsville Elementary School Comprehensive HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Jarrettsville, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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:

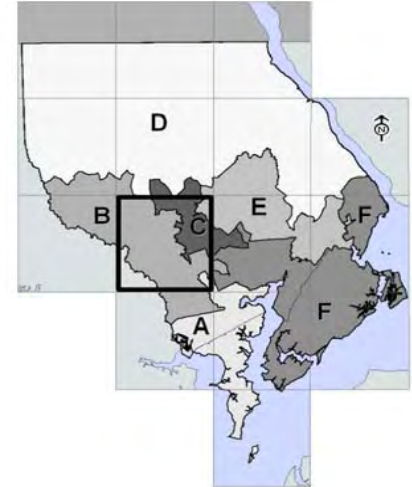
Estimated Annual Debt Service Cost: \$247,859
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	2,921,622
Encumbered	0
Total	\$2,921,622

PROJECT: John Archer School at Bel Air Middle School**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****B074122****PROJECT DESCRIPTION / JUSTIFICATION:**

This facility was originally constructed in 1971 as a self contained special education facility for Grades PK-12. An addition was added in 1981. The facility currently houses approximately 160 medically fragile and severely disabled students. As the majority of the students once attending this school have been mainstreamed, the remaining space has been used for providing Countywide special education services, including diagnostic, prescriptive and remedial services. This meets Federal and State inclusion laws and brings the campus closer to the central part of the County where medical services are readily available. This addition is proposed to attach to the Bel Air Middle School facility which is currently located on the same site where the Homestead/Wakefield Elementary School and the Bel Air High School facilities are located. A scope study was performed in FY 09 and FY 10 and it was determined that the Homestead/Wakefield ES project must proceed first to accommodate the proposed John Archer School at the Bel Air Middle School addition.

**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	83,045		83,045						83,045
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	83,045	0	83,045	0	0	0	0	0	83,045

FUNDING SCHEDULE

R7100 Prior Bonds	83,045		83,045						83,045
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	83,045	0	83,045	0	0	0	0	0	83,045

OPERATING BUDGET IMPACT:

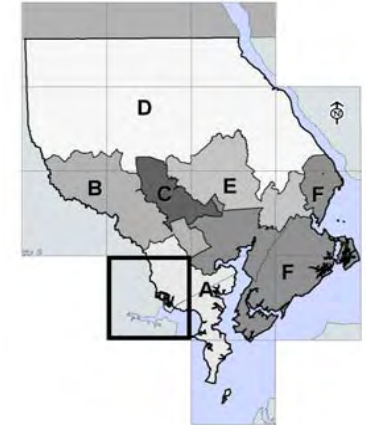
Estimated Annual Debt Service Cost: \$48,955
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	83,045
Encumbered	0
Total	\$83,045

PROJECT: Joppatowne Elementary Modernization**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne, MD****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.

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	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		10,787,034						10,787,034
R8026 Reappropriated Transfer Tax	1,016,311		1,016,311						1,016,311
R8750 Paygo	8,052		8,052						8,052
			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: \$949,230

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

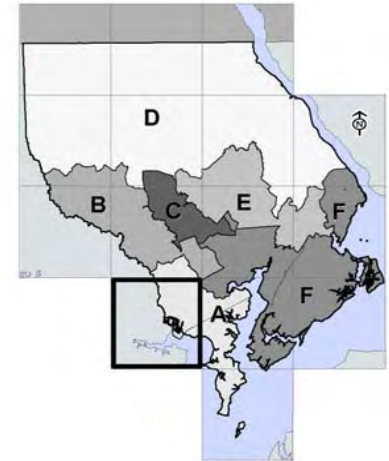
Expended 11,811,863

Encumbered 0

Total \$11,811,863

PROJECT: Joppatowne High School Weight Room Repairs**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne, MD****B144133****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding to repair the weight room at Joppatowne High School.

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

Financial Activity as of 03/1/15:

Expended	18,340
Encumbered	0
Total	\$18,340

PROJECT: Locker Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13016****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding for replacement of lockers of boys and girls locker rooms.

PROJECT SCHEDULE:

Future projects planned:

C. Milton Wright High School
 Bel Air Middle Media Center
 Southampton Middle School
 North Harford Middle School
 Harford Technical High School
 Havre de Grace High School

**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	430,000		430,000						430,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	430,000	0	430,000	0	0	0	0	0	430,000

FUNDING SCHEDULE

R6999 Other BOE	430,000		430,000						430,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	430,000	0	430,000	0	0	0	0	0	430,000

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: Magnolia Middle School Comprehensive HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****B124132****PROJECT DESCRIPTION / JUSTIFICATION:**

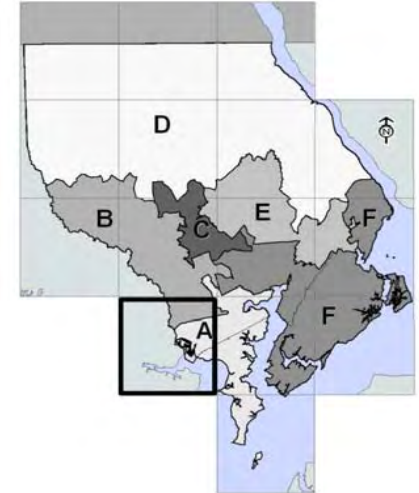
The age of the HVAC equipment and systems in this facility are at least 32 years old, with the exception of the cooling tower and HVAC controller. There are numerous equipment inefficiencies and noise issues, in addition to indoor air quality concerns, that could be proactively addressed with a major 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$279,167

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	3,241,805
Encumbered	0
Total	\$3,241,805

PROJECT: Music Equipment Refresh Program**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 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	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 03/1/15:

Expended	47,524
Encumbered	0
Total	\$47,524

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 be required to 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 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	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 03/01/15:

Expended	325,000
Encumbered	0
Total	\$325,000

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:

Future year budget requests will be to install new music technology labs as well as to refresh hardware and software as follows:

New labs at Joppatowne High School; refresh at Bel Air High School
 Refresh at Edgewood High School
 Fallston & Havre de Grace High schools will be refreshed
 Aberdeen & C. Milton Wright High Schools will be refreshed
 Harford Technical & North Harford High schools will be refreshed
 Joppatowne High School will be refreshed

**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	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:

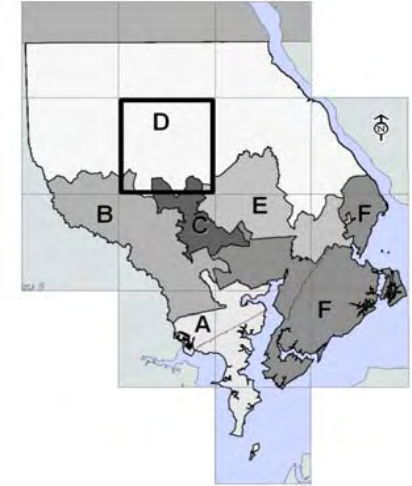
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	150,000
Encumbered	0
Total	\$150,000

PROJECT: Norrisville Elementary School Comprehensive HVAC Systemic Project**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: White Hall, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$154,521

Annual Operating/Maintenance Cost: N/A

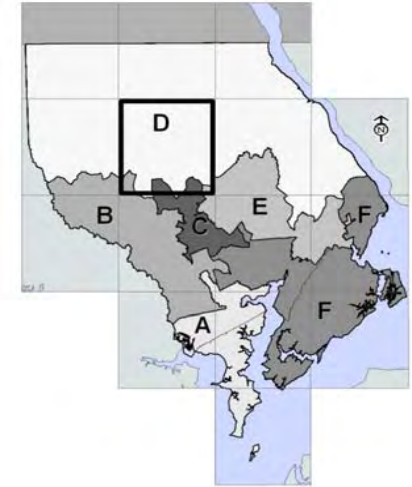
New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	1,126,985
Encumbered	0
Total	<u>\$1,126,985</u>

PROJECT: North Harford ES Comprehensive HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Pylesville, MD****B144116****PROJECT DESCRIPTION / JUSTIFICATION:**

This single story building was originally constructed in 1984 consisting of 48,275 square feet. The HVAC system is original to the building and at the end of its anticipated life. The building is served primarily by unit ventilators in the classrooms and media center, the gymnasium and cafeteria is served by air handling units. The building experiences high humidity levels in the cooling season requiring the use of portable dehumidification units in most if not all classrooms. Building pressurization problems exist since there is no functional interlock between the building exhaust system and the unit ventilators that are introducing outside air into the building. The school also has antiquated pneumatic temperature controls and requires 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 as well as new air handling units serving the bigger spaces such as the cafeteria, gymnasium, and media center, with an energy recovery type dedicated outside air system for 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. The existing chiller is approximately 10 years old and will be reused as part of this project. 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.

**PROJECT SCHEDULE:**

Start design in July, 2012; complete design in February, 2013; bid contract in March, 2013; award contract in May, 2013. Based on this tentative schedule the anticipated completion and occupancy is August 2014.

PROJECT STATUS:

N/A

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	330,000		330,000						330,000
Land Acquisition			0						0
Construction	4,220,390		4,220,390						4,220,390
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,550,390	0	4,550,390	0	0	0	0	0	4,550,390

FUNDING SCHEDULE

R7920 State Bonds	2,325,000		2,325,000						2,325,000
R6999 Other BOE	1,050,390		1,050,390						1,050,390
R7100 Prior Bonds	1,175,000		1,175,000						1,175,000
			0						0
			0						0
			0						0
Total Funds	4,550,390	0	4,550,390	0	0	0	0	0	4,550,390

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$103,273

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

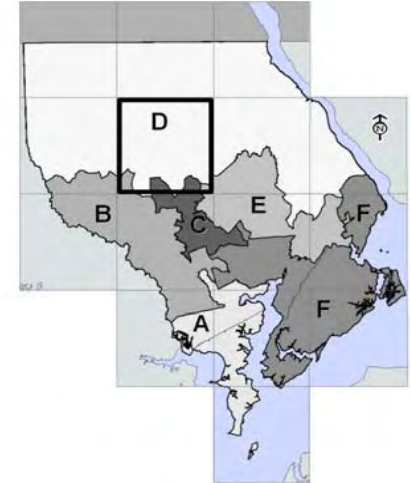
Expended	1,032,212
Encumbered	0
Total	\$1,032,212

PROJECT: North Harford High School Modernization**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Pylesville, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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
R8770 Reappropriated	7,343,237		7,343,237						7,343,237
			0						0
			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: \$1,580,703

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended 31,560,459

Encumbered 0

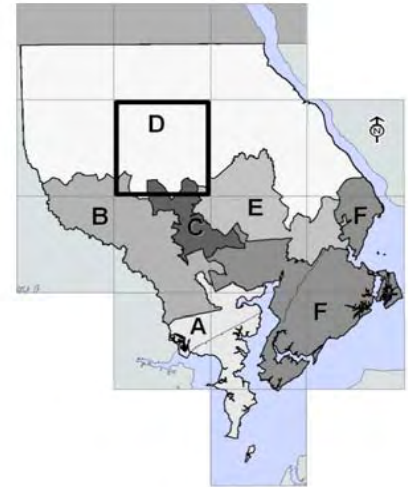
Total 31,560,459

PROJECT: North Harford High School Repairs**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Pylesville, MD****B074148****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided matching funds to construct a concession stand at North Harford High School.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project 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	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

R7100 Prior Bonds	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: \$5,321

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended 32,200

Encumbered 0

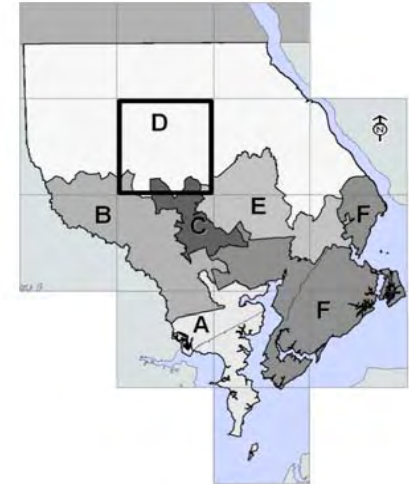
Total \$32,200

PROJECT: North Harford Middle School Water System**BOARD OF EDUCATION****COUNCIL DISTRICT: D****LOCATION: Pylesville, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 03/1/15:

Expended	255,014
Encumbered	0
Total	<u>\$255,014</u>

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.

PROJECT SCHEDULE:

Bel Air and Havre de Grace
 Harford Tech and Edgewood
 C. Milton Wright and Aberdeen
 Joppatowne and Patterson Mill

**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	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

Expended	0
Encumbered	0
Total	\$0

PROJECT: Paving - New Parking Areas

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B064126

PROJECT DESCRIPTION / JUSTIFICATION:

Installation of new parking areas and associated stormwater management. Locations will be determined following a systemwide needs assessment.

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	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

R6999 Other BOE	100,000		100,000						100,000
R8750 Paygo	200,000		200,000						200,000
			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: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	200,000
Encumbered	0
Total	<u>\$200,000</u>

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 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	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 03/01/15:

Expended	193,858
Encumbered	0
Total	\$193,858

PROJECT: Prospect Mill Elementary School

BOARD OF EDUCATION

COUNCIL DISTRICT: E

LOCATION: Bel Air, MD

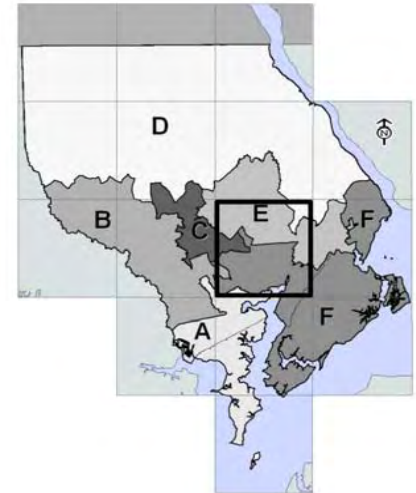
B074144

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 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	1,997,778		1,997,778						1,997,778
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,997,778	0	1,997,778	0	0	0	0	0	1,997,778

FUNDING SCHEDULE

R7100 Prior Bonds	1,997,778		1,997,778						1,997,778
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,997,778	0	1,997,778	0	0	0	0	0	1,997,778

OPERATING BUDGET IMPACT:

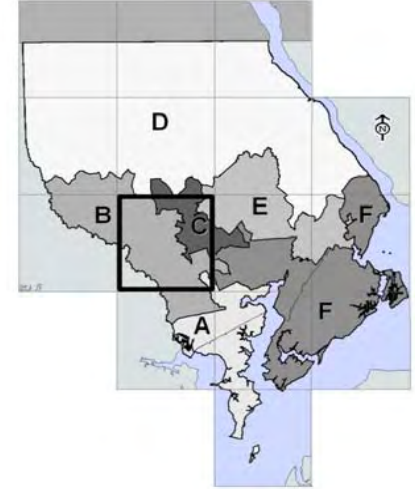
Estimated Annual Debt Service Cost: \$211,097
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

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, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$2,085,409

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended 28,010,061

Encumbered 0

Total \$28,010,061

PROJECT: Relocatable Classrooms**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B094120****PROJECT DESCRIPTION / JUSTIFICATION:**

The funds for this account are used to provide capacity and program space for schools that show a significant need due to variations caused by enrollment as well as other special educational programs introduced to the school. Harford County Public Schools will conduct audits annually to review enrollments, school capacities and individual school needs as outlined by Board of Education policy. We will also use these funds to move or add relocatable classrooms to support construction at a specific school by offering classroom space as needed while construction has disturbed permanent classroom space.

**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	3,588,022		3,588,022						3,588,022
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,588,022	0	3,588,022	0	0	0	0	0	3,588,022

FUNDING SCHEDULE

R3399 State Other	565,956		565,956						565,956
R8750 Paygo	529,830		529,830						529,830
R6999 Other BOE	2,375,896		2,375,896						2,375,896
R1525 Transfer Tax	58,170		58,170						58,170
R8770 Reappropriated	58,170		58,170						58,170
			0						0
Total Funds	3,588,022	0	3,588,022	0	0	0	0	0	3,588,022

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 188,000

Encumbered 0

Total \$188,000

PROJECT: Replacement of Riverside Heating/Cooling**BOARD OF EDUCATION****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****B954177****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funding to replace heating and cooling units at the Riverside Elementary School building.

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	590,000		590,000						590,000
Land Acquisition			0						0
Construction	11,158,347		11,158,347						11,158,347
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	11,748,347	0	11,748,347	0	0	0	0	0	11,748,347

FUNDING SCHEDULE

R1515 Recordation Tax	680,614		680,614						680,614
R1525 Transfer Tax	1,393,811		1,393,811						1,393,811
R6999 Other BOE	409,000		409,000						409,000
R7100 Prior Bonds	6,490,000		6,490,000						6,490,000
R8770 Reappropriated	1,596,005		1,596,005						1,596,005
R8750 Paygo	1,178,917		1,178,917						1,178,917
Total Funds	11,748,347	0	11,748,347	0	0	0	0	0	11,748,347

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$548,270

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended 11,339,347

Encumbered 0

Total \$11,339,347

PROJECT: Replacement Vehicles**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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	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 03/1/15:

Expended	2,000,758
Encumbered	0
Total	<u>\$2,000,758</u>

PROJECT: Ring Factory Elementary School HVAC Equipment Replacement Project**BOARD OF EDUCATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$42,300
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	68,509
Encumbered	
Total	<u>\$68,509</u>

PROJECT: Roof Replacement**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13024****PROJECT DESCRIPTION / JUSTIFICATION:**

Replacement of roof systems to prevent continuing damage to the building interior and indoor air quality issues. North Bend Elementary School is scheduled for a roof replacement in FY 12. Projects are submitted for funding consideration through the State Systemic Renovation program.

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	47,424		47,424						47,424
Land Acquisition			0						0
Construction	886,278		886,278						886,278
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	933,702	0	933,702	0	0	0	0	0	933,702

FUNDING SCHEDULE

R7920 State Bonds	561,000		561,000						561,000
R6999 Other BOE	372,702		372,702						372,702
			0						0
			0						0
			0						0
			0						0
Total Funds	933,702	0	933,702	0	0	0	0	0	933,702

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: Roof Replacements 13**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13027****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. Havre de Grace High School is scheduled for a roof replacement for FY 2013. Projects are submitted for funding consideration through the State Systemic Renovation program.

**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	69,300		69,300						69,300
Land Acquisition			0						0
Construction	760,700		760,700						760,700
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	830,000	0	830,000	0	0	0	0	0	830,000

FUNDING SCHEDULE

R7920 State Bonds	829,521		829,521						829,521
R6999 Other BOE	479		479						479
			0						0
			0						0
			0						0
Total Funds	830,000	0	830,000	0	0	0	0	0	830,000

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: Roof Replacements 14**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B144118****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. George D. Lisby Elementary School is scheduled for a roof replacement in FY 14. Projects are submitted for funding consideration through the State Systemic Renovation program.

PROJECT SCHEDULE:**PROJECT STATUS:**

Design start - July 2013; design complete - November 2013; bid February 2014; award contract - May 2014; construction start in June 2014; construction completed in August 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	42,221		42,221						42,221
Land Acquisition			0						0
Construction	663,820		663,820						663,820
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	706,041	0	706,041	0	0	0	0	0	706,041

FUNDING SCHEDULE

R7920 State Bonds	434,000		434,000						434,000
R8750 Paygo	272,041		272,041						272,041
			0						0
			0						0
			0						0
			0						0
Total Funds	706,041	0	706,041	0	0	0	0	0	706,041

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	147,956
Encumbered	0
Total	\$147,956

PROJECT: Roofing Replacement 07**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****B074126****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided funding for replacement of roof systems to prevent continuing damage to the building interior and indoor air quality issues. The projects were funded through the State Systemic Renovation program.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project is ongoing.

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	1,236,530		1,236,530						1,236,530
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,236,530	0	1,236,530	0	0	0	0	0	1,236,530

FUNDING SCHEDULE

R8750 Paygo	704,035		704,035						704,035
R7100 Prior Bonds	202,495		202,495						202,495
R1525 Transfer Tax	330,000		330,000						330,000
			0						0
			0						0
			0						0
Total Funds	1,236,530	0	1,236,530	0	0	0	0	0	1,236,530

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$18,225
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/1/15:

Expended	955,041
Encumbered	0
Total	<u>\$955,041</u>

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 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	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 3/1/15:

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 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	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 3/1/15:

Expended	682,887
Encumbered	0
Total	<u>\$682,887</u>

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 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	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

Expended	0
Encumbered	0
Total	\$0

PROJECT: Southampton Middle School HVAC

BOARD OF EDUCATION

COUNCIL DISTRICT: C

LOCATION: Bel Air, MD

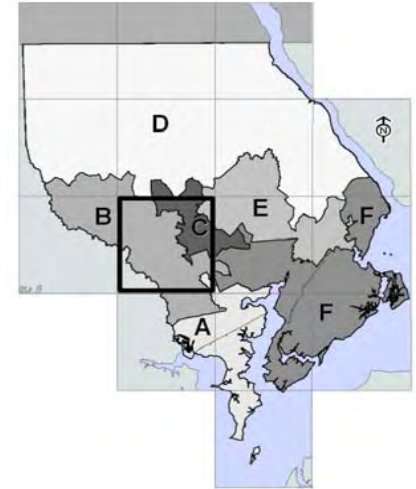
B104108

PROJECT DESCRIPTION / JUSTIFICATION:

Systemic replacement of the boilers and chillers.

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	104,000		104,000						104,000
Land Acquisition			0						0
Construction	1,037,703		1,037,703						1,037,703
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,141,703	0	1,141,703	0	0	0	0	0	1,141,703

FUNDING SCHEDULE

R6999 Other BOE	1,141,703		1,141,703						1,141,703
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,141,703	0	1,141,703	0	0	0	0	0	1,141,703

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: Special Education Facilities Improvements**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13012****PROJECT DESCRIPTION / JUSTIFICATION:**

This capital project funds the necessary renovation and upgrades for our facilities to comply with special education laws and mandates. The State and Local code mandates are unknown at this time, but can be issued without notice. The following are examples of general projects that may be required in the future: restraint and seclusion updates as mandated by reauthorization of law; Autism Spectrum Disorder (ASD) program and school refinements; moving of centers and programs as required due to spacing issues; securing space for a post secondary program in the Joppatowne or Edgewood area that would provide work/enclave access for students. Capital plans/funding are based on the implementation of IDEA and the compliance of laws and mandates associated with supporting students with disabilities in HCPS.

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	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

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 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	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 3/1/15:

Expended	261,334
Encumbered	0
Total	\$261,334

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.

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	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 03/1/15:

Expended	150,000
Encumbered	0
Total	<u>\$150,000</u>

PROJECT: Swimming Pool Renovations**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****BB13019****PROJECT DESCRIPTION / JUSTIFICATION:**

This budget category is used for renovation and replacement of the infrastructure for three (3) swimming pools that are located at Edgewood, Magnolia, and North Harford Middle Schools. It will also be used to provide routine maintenance based on a professional plan. It addresses current, medium, and long range maintenance needs to preserve the infrastructure and the filtration system, so that it can remain viable for many years to come.

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	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

R6999 Other BOE	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

Expended	0
Encumbered	0
Total	<u>\$0</u>

PROJECT: Technology

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B984169

PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funds for infrastructure and interconnections of computers into a network for information sharing and management. This included a network of offices, media centers and classrooms, that enhanced the access and use of technology in schools. Infrastructure includes electrical capacity; network wiring and equipment; audio/visual systems; and internal/external pathways for WAN connections.

PROJECT SCHEDULE:



PROJECT STATUS:

This project is ongoing dedicated to the upgrade of infrastructure in support of telecommunications operations and technology integration in the classroom. Funds are requested each fiscal year to maintain, refresh, and expand the infrastructure.

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	4,257,467		4,257,467						4,257,467
Inspection Fees			0						0
Equipment/Furnishing	494,000		494,000						494,000
Total Cost	4,751,467	0	4,751,467	0	0	0	0	0	4,751,467

FUNDING SCHEDULE

R1525 Transfer Tax	2,472,634		2,472,634						2,472,634
R8770 Reappropriated	494,000		494,000						494,000
R8750 Paygo	1,754,833		1,754,833						1,754,833
R7100 Prior Bonds	30,000		30,000						30,000
			0						0
			0						0
Total Funds	4,751,467	0	4,751,467	0	0	0	0	0	4,751,467

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,700
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	4,751,467
Encumbered	0
Total	<u>\$4,751,467</u>

PROJECT: Technology Infrastructure 04**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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	14,285,802		14,285,802						14,285,802
Total Cost	14,285,802	0	14,285,802	0	0	0	0	0	14,285,802

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						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	0	0	0	0	0	14,285,802

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 03/1/15:

Expended	11,028,690
Encumbered	0
Total	\$11,028,690

PROJECT: Textbook/Supplemental Materials Refresh**BOARD OF EDUCATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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 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	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:

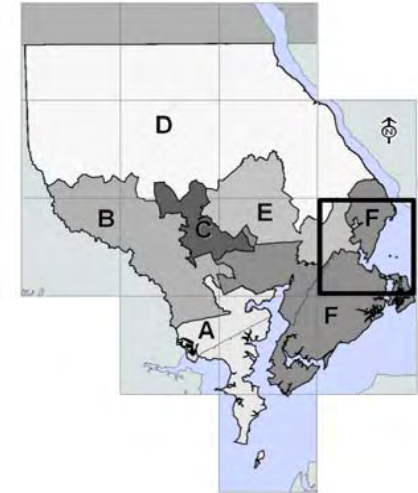
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	2,399,771
Encumbered	0
Total	<u>\$2,399,771</u>

PROJECT: William Paca Elementary School HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: E****LOCATION: Edgewood, MD****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 2015 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
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:

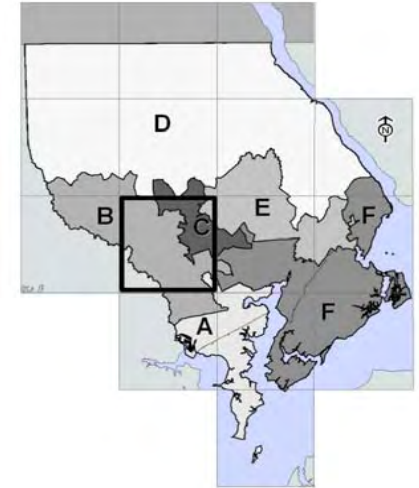
Estimated Annual Debt Service Cost: \$294,519
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/1/15

Expended	3,936,983
Encumbered	0
Total	\$3,936,983

PROJECT: Youth's Benefit ES Primary Building HVAC**BOARD OF EDUCATION****COUNCIL DISTRICT: B****LOCATION: Fallston, MD****B124129****PROJECT DESCRIPTION / JUSTIFICATION:**

This facility is a two school campus, with the original buildings constructed in 1953 and 1973, respectively. The Primary Building does not have air conditioning and 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 work is to install a Packaged Unit Ventilator System with its own cooling/compressor system built in. This would include a hot water heating system. Existing heating unit ventilators with surrounding casework would be removed and replaced with new compatible casework.

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

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	2,488,734		2,488,734						2,488,734
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,488,734	0	2,488,734	0	0	0	0	0	2,488,734

FUNDING SCHEDULE

R7100 Prior Bonds	2,488,734		2,488,734						2,488,734
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,488,734	0	2,488,734	0	0	0	0	0	2,488,734

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$203,954
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 03/01/15:

Expended	2,488,734
Encumbered	0
Total	\$2,488,734

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
SOLID WASTE SERVICES								
FY 16 Funded Projects:								
Waste to Energy Facility Closure	9,400,000	400,000	3,000,000	3,000,000	3,000,000	0	0	0
Outyear Projects:		0	0	0	0	0	0	0
HWDC Pavement Upgrades	900,000	200,000	0	0	0	350,000	0	350,000
Scarboro Landfill Groundwater Treatment Plant	500,000	0	0	500,000	0	0	0	0
Open Projects:								
Air Pollution Control	12,850,000	12,850,000	0	0	0	0	0	0
814 Philadelphia Road Structure Demolition	100,000	100,000	0	0	0	0	0	0
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	20,570,353	20,570,353	0	0	0	0	0	0
HWDC Landfill Capping	9,320,000	9,320,000	0	0	0	0	0	0
Solid Waste Transfer Station	3,700,000	3,700,000	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
Tollgate Yard Trim Recycling Center	100,000	100,000	0	0	0	0	0	0
Waste to Energy Repairs 15	403,753	403,753	0	0	0	0	0	0
Waste to Energy Repairs	1,300,000	1,300,000	0	0	0	0	0	0
Solid Waste Services Total by Project	70,519,766	60,319,766	3,000,000	3,500,000	3,000,000	350,000	0	350,000
Paygo	30,161,043	19,961,043	3,000,000	3,500,000	3,000,000	350,000	0	350,000
Reappropriated	2,512,269	2,512,269	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	37,391,454	37,391,454	0	0	0	0	0	0
Other	455,000	455,000	0	0	0	0	0	0
Solid Waste Services Total by Fund	70,519,766	60,319,766	3,000,000	3,500,000	3,000,000	350,000	0	350,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

SOLID WASTE SERVICES

SOLID WASTE SERVICES

Waste-to-Energy Facility Closure	3,000,000	3,000,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	3,000,000	3,000,000	0	0	0	0	0	0	0	0	0	0

PROJECT: Waste-To-Energy Facility Closure**SOLID WASTE****COUNCIL DISTRICT: A****LOCATION: Joppa****D145602****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for decommissioning and demolition of the Harford Waste-To-Energy facility after operating contract expires in 2016. In accordance with terms of the property lease with the U.S. Army, the structures and underground steam lines must be removed, and the site restored, by 2019.

PROJECT SCHEDULE:

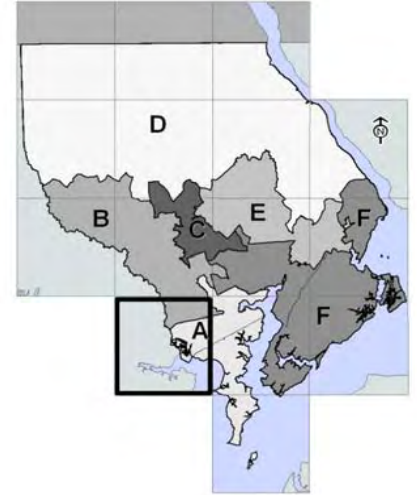
FY 14 Project Planning

FY 15 Prepare drawings and specifications

FY 16 - FY 19 Demolition and site restoration

PROJECT STATUS:

Procurement of engineer is underway

**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	400,000		400,000						400,000
Land Acquisition			0						0
Construction		3,000,000	3,000,000	3,000,000	3,000,000				9,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	400,000	3,000,000	3,400,000	3,000,000	3,000,000	0	0	0	9,400,000

FUNDING SCHEDULE

R8089 Reappropriated Paygo	400,000		400,000						400,000
R8750 Paygo		3,000,000	3,000,000	3,000,000	3,000,000				9,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	400,000	3,000,000	3,400,000	3,000,000	3,000,000	0	0	0	9,400,000

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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: HWDC Pavement Upgrades**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Street, MD****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.

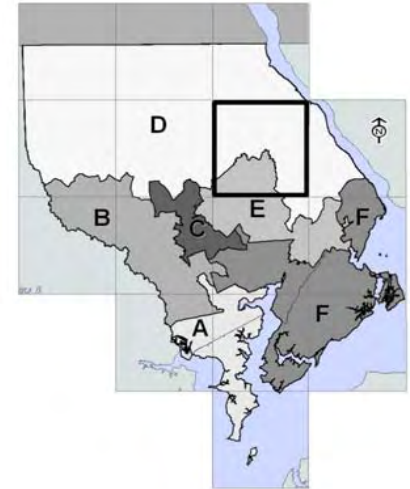
Initial projects include the repair of deteriorated pavement area at the Homeowner Bins, Maintenance Shop and Compost Facility.

PROJECT SCHEDULE:

Complete repair projects in FY 2015.

PROJECT STATUS:

On going

**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	200,000		200,000			350,000		350,000	900,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	0	200,000	0	0	350,000	0	350,000	900,000

FUNDING SCHEDULE

R8089 Reappropriated Paygo	199,857		199,857						199,857
R8750 Paygo	143		143			350,000		350,000	700,143
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	0	200,000	0	0	350,000	0	350,000	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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Scarboro Landfill Groundwater Treatment Plant Process Upgrades**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Street, MD****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.

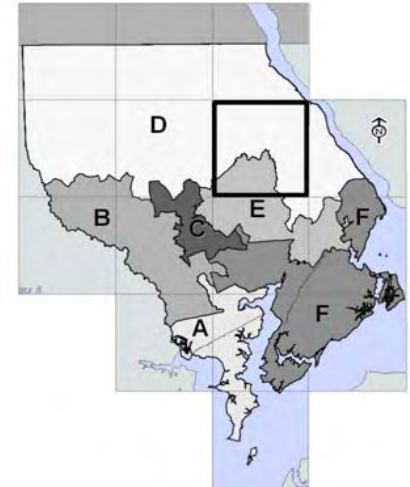
PROJECT SCHEDULE:

Evaluation and design FY 2017

Construction FY2018 - FY2019

PROJECT STATUS:

Not yet funded

**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	500,000					500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	500,000	0	0	0	0	500,000

FUNDING SCHEDULE

R8750 Paygo			0	500,000					500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	500,000	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

Expended

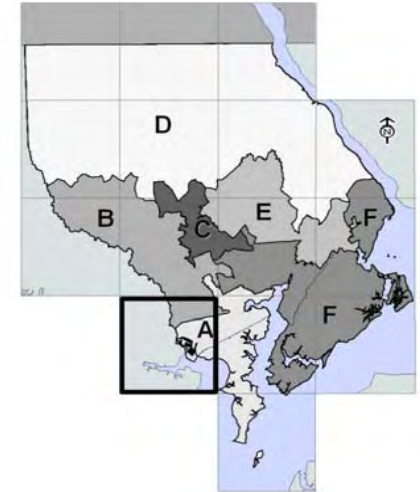
Encumbered

Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Air Pollution Control**SOLID WASTE****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****D025601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provided for an upgrade to the air pollution control equipment at the Harford Waste to Energy Plant as required by the Environmental Protection Agency and expansion at the plant to meet solid waste disposal requirements.

**PROJECT SCHEDULE:**

Air pollution system upgrade is complete. Plant expansion project is cancelled.

PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	12,850,000		12,850,000						12,850,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	12,850,000	0	12,850,000	0	0	0	0	0	12,850,000

FUNDING SCHEDULE

R6999 Other BOE	115,000		115,000						115,000
R7100 Prior Bonds	12,385,000		12,385,000						12,385,000
R8750 Paygo	350,000		350,000						350,000
R7000 Future Bonds			0						0
			0						0
			0						0
Total Funds	12,850,000	0	12,850,000	0	0	0	0	0	12,850,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$90,000
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	11,648,956
Encumbered	0
Total	<u>\$11,648,956</u>

PROJECT: 814 Philadelphia Road Structure Demolition**SOLID WASTE****COUNCIL DISTRICT: A****LOCATION: Joppatowne, MD****D145603****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for the demolition of existing structures to resolve liability concerns.

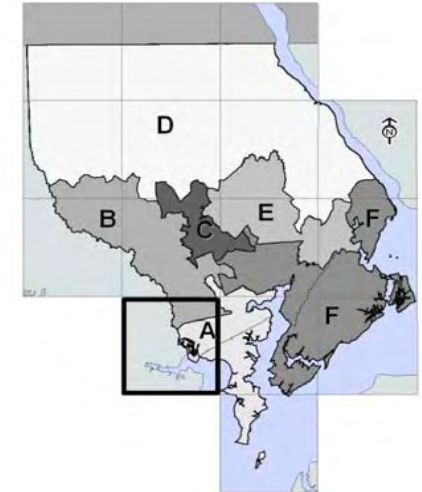
PROJECT SCHEDULE:

Complete

PROJECT STATUS:

Work completed in October 2013

Close project and reappropriate \$60,000 to D935602 Environmental Studies and Projects

**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	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 3/1/15:

Expended	34,955
Encumbered	0
Total	\$34,955

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 on-going

PROJECT STATUS:

This project is ongoing.

**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	1,440,900		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

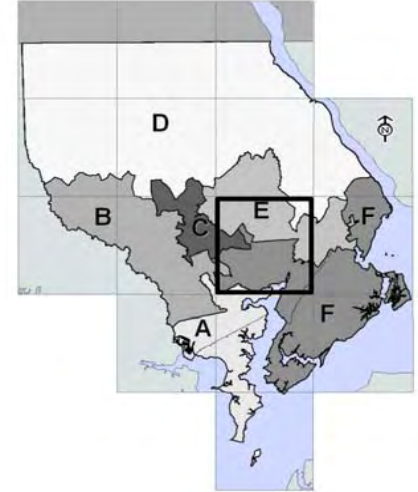
New Positions (FTE's): N/A

Financial Activity as of 3/1/16:

Expended	988,661
Encumbered	247,283
Total	<u>\$1,235,944</u>

PROJECT: Former Spencers Landfill Closure (East Side)**SOLID WASTE****COUNCIL DISTRICT: F****LOCATION: Abingdon, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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

R8770 Reappropriated	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 3/1/15:

Expended	312,154
Encumbered	379,537
Total	\$691,691

PROJECT: Full Cost Accounting Study**SOLID WASTE****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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

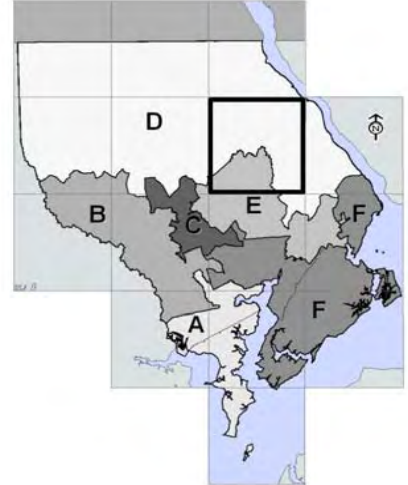
Financial Activity as of 3/1/15:

Expended	226,087
Encumbered	73,913
Total	<u>\$300,000</u>

PROJECT: HWDC Compost Area Facilities**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Street, MD****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:**

FY 2015 Initiate design and construction of facilities.

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	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: \$48,728

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	31,045
Encumbered	0
Total	\$31,045

PROJECT: HWDC Expansion**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Street, MD****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.

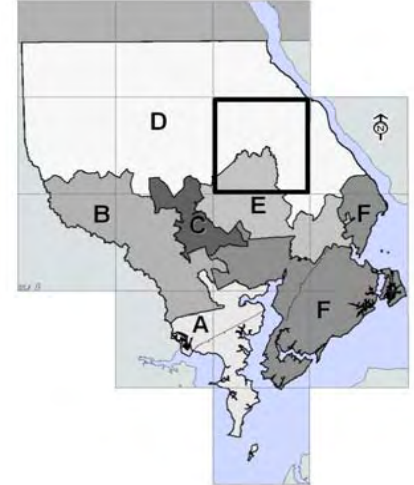
PROJECT SCHEDULE:

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	18,782,140		18,782,140						18,782,140
R8750 Paygo	800,000		800,000						800,000
R8089 Reappropriated Paygo	988,213		988,213						988,213
			0						0
			0						0
			0						0
Total Funds	20,570,353	0	20,570,353	0	0	0	0	0	20,570,353

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$1,858,934

Annual Operating/Maintenance Cost: n/a

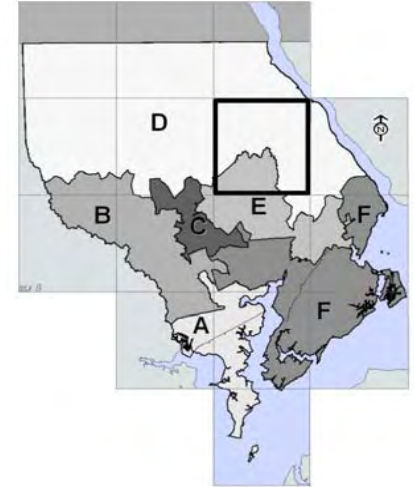
New Positions (FTE's): 0

Financial Activity as of 3/1/15:

Expended	16,548,581
Encumbered	3,740,774
Total	\$20,289,355

PROJECT: HWDC Landfill Capping**SOLID WASTE****COUNCIL DISTRICT: D****LOCATION: Street, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	2,949,779
Encumbered	4,041,155
Total	\$6,990,934

PROJECT: Solid Waste Transfer Station**SOLID WASTE****COUNCIL DISTRICT: B****LOCATION: Maryland Route 7****D125602****PROJECT DESCRIPTION / JUSTIFICATION:**

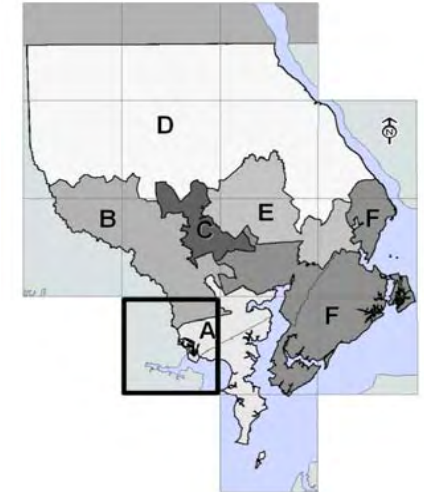
This project provides for the site selection, land acquisition, planning, permitting, engineering, and construction of a solid waste transfer station, a recycling transfer station, and a residential drop-off facility.

PROJECT SCHEDULE:

Project cancelled

PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

**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	750,000		750,000						750,000
Land Acquisition	2,950,000		2,950,000						2,950,000
Construction			0						0
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
R7000 Future Bonds			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: \$209,853

Annual Operating/Maintenance Cost: \$N/A

New Positions (FTE's): n/A

Financial Activity as of 3/1/15:

Expended 2,915,618

Encumbered 0

Total \$2,915,618

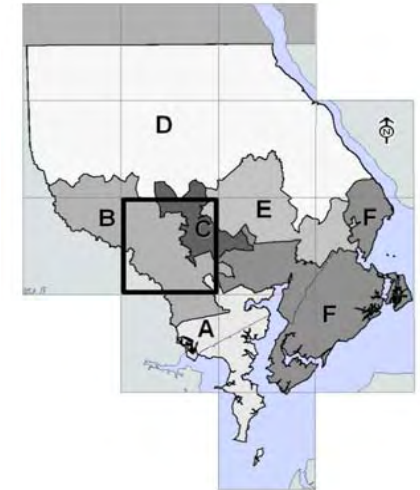
PROJECT: Tollgate Landfill Gas System**SOLID WASTE****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****D065601****PROJECT DESCRIPTION / JUSTIFICATION:**

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$69,175

Annual Operating/Maintenance Cost: N/A

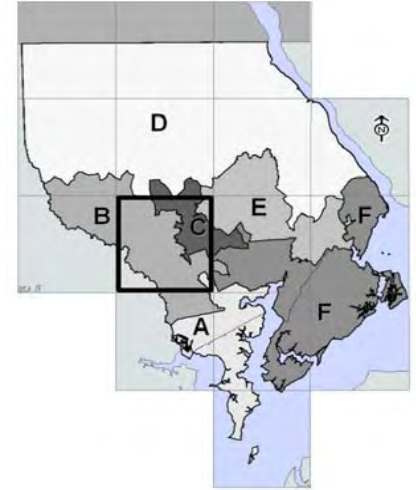
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	927,448
Encumbered	98,382
Total	\$1,025,830

PROJECT: Tollgate Yard Trim Recycling Center 15**SOLID WASTE****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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:

Begin design in FY15

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	1,375,081		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: \$121,438

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

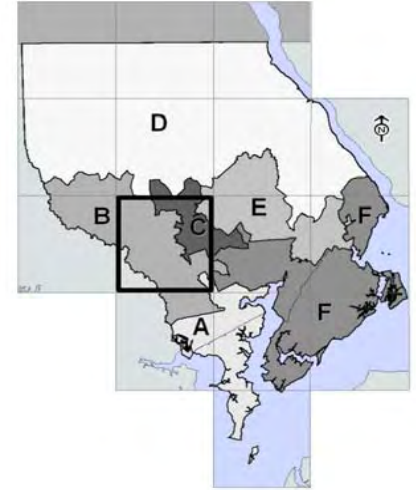
Expended	0
Encumbered	25,000
Total	\$25,000

PROJECT: Tollgate Yard Trim Recycling Center**SOLID WASTE****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****D065602****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for the design and construction improvements at the Tollgate Landfill site for a permanent yard trim collection facility. Project includes paving existing work areas, grading and paving expanded areas, personnel and storage facilities, utilities and much needed improvements to traffic flow patterns in order to serve over 2,000 customers per day. This project is related to the Harford County Ten Year Solid Waste Management Plan to provide service to increased facility traffic resulting from County population growth and to provide for proper management and disposal of solid waste.

PROJECT SCHEDULE:

Complete design in FY15 and initiate construction

**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2014. Remaining funds have been reappropriated to a new Tollgate Yard Trim Recycling Center project.

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	22,000		22,000						22,000
Land Acquisition			0						0
Construction	78,000		78,000						78,000
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 3/1/15:

Expended	74,233
Encumbered	0
Total	\$74,233

PROJECT: Waste to Energy Repairs 15**SOLID WASTE****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****D155603****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for non-routine repairs to the burner units, ash handling systems, upgrades and extraordinaries at the Harford Waste-To-Energy Plant. The age of the process equipment at the facility will result in more repairs and replacements.

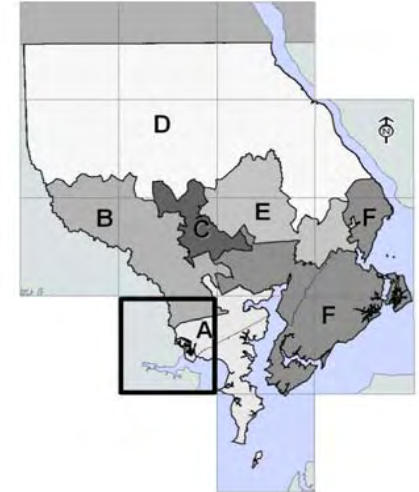
This project is related to the Harford County Ten Year Solid Waste Management Plan.

PROJECT SCHEDULE:

Ongoing repairs through 2016 (contract concludes in 2016).

PROJECT STATUS:

This project is ongoing.

**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	403,753		403,753						403,753
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	403,753	0	403,753	0	0	0	0	0	403,753

FUNDING SCHEDULE

R8089 Reappropriated Paygo	403,753		403,753						403,753
R8750 Paygo			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	403,753	0	403,753	0	0			0	403,753

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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Waste to Energy Repairs**SOLID WASTE****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****D035601****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides for non-routine repairs to the burner units, ash handling systems, upgrades and extraordinaries at the Harford Waste-To-Energy Plant. The age of the process equipment at the facility will result in more repairs and replacements.

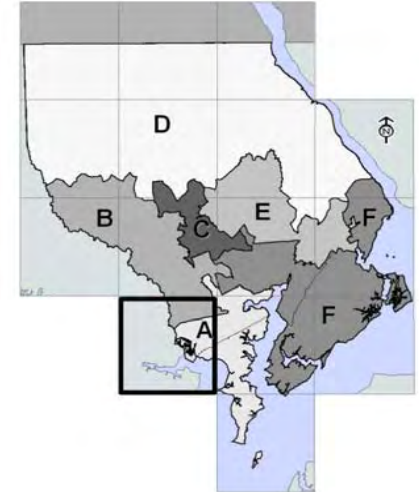
This project is related to the Harford County Ten Year Solid Waste Management Plan.

PROJECT SCHEDULE:

Ongoing repairs through 2016 (contract and site lease conclude in 2016).

PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2014. Remaining funds have been reappropriated to a new Waste to Energy Repairs capital project.

**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	175,000		175,000						175,000
Land Acquisition			0						0
Construction	1,125,000		1,125,000						1,125,000
Inspection Fees			0						0
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	1,300,000		1,300,000						1,300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,300,000	0	1,300,000	0	0			0	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 3/1/15:

Expended	896,247
Encumbered	0
Total	\$896,247

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HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
<u>PARKS & RECREATION FUND</u>								
<u>FY 16 Funded Projects:</u>								
Backstop Renovations	470,000	195,000	75,000	0	0	50,000	100,000	50,000
Broad Creek Boat Launch Ramp	679,000	649,000	30,000	0	0	0	0	0
Canoe and Kayak Water Access	550,000	0	200,000	75,000	0	0	75,000	200,000
Churchville Center Renovations	575,000	420,000	80,000	75,000	0	0	0	0
Eden Mill Park Rehabilitation	880,000	775,000	30,000	75,000	0	0	0	0
Edgeley Grove Farm - Smith Property	4,450,000	4,325,000	25,000	0	0	0	100,000	0
Emily Bayliss Graham Park	2,500,000	950,000	425,000	100,000	0	525,000	0	500,000
Emmorton Recreation & Tennis Center Improvements	920,000	545,000	275,000	0	0	100,000	0	0
Facility Renovations	1,530,000	710,000	270,000	125,000	125,000	100,000	100,000	100,000
Flying Point Park Improvements	109,000	0	109,000	0	0	0	0	0
Francis Silver Park Improvements	25,000	0	25,000	0	0	0	0	0
Gunpowder River Dredging	1,684,000	1,254,000	100,000	30,000	90,000	210,000	0	0
Harford Center for the Arts	1,050,000	0	50,000	0	1,000,000	0	0	0
Heavenly Waters Park	2,120,000	1,820,000	300,000	0	0	0	0	0
Heavenly Waters Park - Soma	100,000	0	100,000	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	725,000	650,000	75,000	0	0	0	0	0
Liriodendron Improvements	470,000	45,000	100,000	250,000	75,000	0	0	0
Natural Turf Improvements	1,840,000	960,000	130,000	150,000	150,000	150,000	150,000	150,000
Park Improvements	965,000	460,000	160,000	60,000	90,000	65,000	65,000	65,000
Parking Lot Paving	959,000	149,000	200,000	55,000	200,000	55,000	150,000	150,000
Parkland Acquisition	7,921,000	2,306,000	1,950,000	640,000	640,000	740,000	795,000	850,000
Playground Equipment	2,555,000	1,455,000	200,000	150,000	225,000	150,000	150,000	225,000
Promenade Park	165,000	0	15,000	0	0	0	150,000	0
Robert Copenhaver Park Improvements	300,000	75,000	225,000	0	0	0	0	0
Swan Harbor Farm Improvements	1,589,000	150,000	239,000	0	150,000	1,050,000	0	0
SWM Pond Repair and Renovation	910,000	150,000	200,000	110,000	110,000	110,000	110,000	120,000
Tennis/Multipurpose Court	1,090,000	490,000	100,000	100,000	100,000	100,000	100,000	100,000
<u>Outyear Projects:</u>								
Aberdeen Activity Center	500,000	0	0	500,000	0	0	0	0
ADA Improvements	400,000	100,000	0	50,000	50,000	75,000	50,000	75,000
Anita C. Leight Improvements	695,000	495,000	0	0	0	200,000	0	0
Athletic Field Improvements	12,325,000	9,450,000	0	1,700,000	1,175,000	0	0	0
Benson Field Development	1,000,000	0	0	0	0	0	500,000	500,000
Blake's Venture Park	500,000	0	0	0	0	0	0	500,000
Bleacher Renovations	670,000	370,000	0	60,000	60,000	60,000	60,000	60,000
Bulkhead Renovations	1,300,000	0	0	40,000	535,000	0	75,000	650,000
Bush River Dredging and DMP Site 16	1,725,000	0	0	0	0	150,000	1,575,000	0
Cedar Lane Sports Complex Improvements	5,311,000	1,911,000	0	100,000	500,000	1,400,000	0	1,400,000
Darlington Park Development	2,075,000	1,575,000	0	0	0	0	500,000	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

PARKS & RECREATION FUND

Outyear Projects (cont.):

Disc Golf Course	100,000	50,000	0	0	0	50,000	0	0
Dublin Community Park	150,000	0	0	0	0	0	150,000	0
Edgewood Recreation and Community Center	250,000	100,000	0	150,000	0	0	0	0
Edgewood Recreation Park	1,705,000	1,155,000	0	400,000	50,000	0	0	100,000
Emmorton Development	200,000	0	0	0	0	0	0	200,000
Enlarged Gymnasiums & Joint Facilities	1,800,000	600,000	0	0	600,000	0	0	600,000
Equestrian Center Improvements	675,000	325,000	0	250,000	100,000	0	0	0
Fallston Maintenance Shop	350,000	50,000	0	0	300,000	0	0	0
Havre de Grace Community Center Field	600,000	0	0	0	600,000	0	0	0
Havre de Grace Yacht Basin Dredging	600,000	0	0	0	50,000	550,000	0	0
Jarrettsville Recreation Center	7,360,775	510,775	0	0	6,200,000	400,000	0	250,000
Joppa/Joppatowne Youth/Senior Center	500,000	0	0	0	0	0	0	500,000
Magnolia Complex Development	425,000	0	0	0	425,000	0	0	0
Norrisville Park	775,000	0	0	125,000	500,000	150,000	0	0
Northern Regional Park	9,575,000	575,000	0	0	0	0	500,000	8,500,000
Oakington Farms - Tydings Park	3,050,000	1,900,000	0	100,000	0	0	1,050,000	0
Perryman Park Development	125,000	0	0	0	0	0	125,000	0
Prospect Mill Park	2,030,000	1,430,000	0	100,000	0	500,000	0	0
Red Pump Elementary School Facilities	1,775,000	1,600,000	0	0	50,000	125,000	0	0
Rockfield Park Improvements	400,000	100,000	0	0	100,000	0	100,000	100,000
Schucks Road Regional Sports Complex	8,810,415	8,110,415	0	0	0	0	0	700,000
Trails and Linear Parks	4,300,000	300,000	0	2,000,000	0	0	0	2,000,000
Tudor Hall Rehabilitation	800,000	500,000	0	0	150,000	0	0	150,000
Vale Road Park	1,100,000	0	0	0	100,000	1,000,000	0	0
Water and Land Trails (North Park)	2,050,000	800,000	0	0	0	0	1,000,000	250,000

Open Projects:

Abingdon Road Park	150,000	150,000	0	0	0	0	0	0
Belcamp Park Improvements	325,000	325,000	0	0	0	0	0	0
Bush River Dredging and DMP Site 04	3,030,000	3,030,000	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0
David Craig Park Development	75,000	75,000	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
Jarrettsville Complex Restrooms	350,000	350,000	0	0	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
<u>PARKS & RECREATION FUND</u>								
<u>Open Projects (cont.):</u>								
Joppatowne Area Dredging	990,000	990,000	0	0	0	0	0	0
Mariner Point Park Renovations	361,000	361,000	0	0	0	0	0	0
McFaul Activity Center Renovations	500,000	500,000	0	0	0	0	0	0
Nuttal Avenue Park Development	500,000	500,000	0	0	0	0	0	0
Parks & Rec Total by Project	128,401,020	65,803,020	5,688,000	7,570,000	14,500,000	8,065,000	7,730,000	19,045,000
Paygo	4,666,226	3,216,226	100,000	0	450,000	0	500,000	400,000
Special Paygo	280,000	150,000	130,000	0	0	0	0	0
Future Bonds	24,475,000	0	0	3,200,000	8,275,000	1,450,000	0	11,550,000
Prior Bonds	20,106,830	20,106,830	0	0	0	0	0	0
Reappropriated	5,027,289	5,027,289	0	0	0	0	0	0
Recordation Tax	27,433,933	14,203,933	1,705,000	2,080,000	2,360,000	2,015,000	2,400,000	2,670,000
State	10,533,500	6,025,500	698,000	60,000	655,000	875,000	1,600,000	620,000
Program Open Space	15,021,000	7,946,000	2,100,000	900,000	825,000	1,450,000	1,000,000	800,000
Federal	3,265,000	1,235,000	30,000	1,000,000	0	0	0	1,000,000
Developer	1,807,000	1,402,000	100,000	50,000	105,000	75,000	25,000	50,000
Other	15,785,242	6,490,242	825,000	280,000	1,830,000	2,200,000	2,205,000	1,955,000
Parks & Rec Total by Fund	128,401,020	65,803,020	5,688,000	7,570,000	14,500,000	8,065,000	7,730,000	19,045,000
TOTAL PARKS & RECREATION CAPITAL	128,401,020	65,803,020	5,688,000	7,570,000	14,500,000	8,065,000	7,730,000	19,045,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

PARKS & RECREATION FUND

PARKS & RECREATION

Backstop Renovations	75,000	0	0	0	0	0	50,000	0	0	0	0	25,000
Broad Creek Boat Launch Ramp	30,000	0	0	0	0	0	0	0	0	30,000	0	0
Canoe and Kayak Water Access	200,000	0	0	0	0	0	0	100,000	0	0	0	100,000
Churchville Center Renovations	80,000	0	0	0	0	0	80,000	0	0	0	0	0
Eden Mill Park Rehabilitation	30,000	0	0	0	0	0	30,000	0	0	0	0	0
Edgeley Grove Farm - Smith Property	25,000	0	0	0	0	0	25,000	0	0	0	0	0
Emily Bayliss Graham Park	425,000	0	0	0	0	0	0	0	0	0	0	425,000
Emmorton Recreation and Tennis Center Improvements	275,000	0	0	0	0	0	0	0	200,000	0	0	75,000
Facility Renovations	270,000	0	0	0	0	0	170,000	0	0	0	0	100,000
Flying Point Park Improvements	109,000	0	0	0	0	0	10,000	99,000	0	0	0	0
Francis Silver Park Improvements	25,000	0	0	0	0	0	25,000	0	0	0	0	0
Gunpowder River Dredging	100,000	0	0	0	0	0	0	100,000	0	0	0	0
Harford Center for the Arts	50,000	0	0	0	0	0	0	0	0	0	0	50,000
Heavenly Waters Park	300,000	0	0	0	0	0	0	300,000	0	0	0	0
Heavenly Waters Park - Soma	100,000	100,000	0	0	0	0	0	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	75,000	0	0	0	0	0	75,000	0	0	0	0	0
Liriodendron Improvements	100,000	0	0	0	0	0	100,000	0	0	0	0	0
Natural Turf Improvements	130,000	0	0	0	0	0	80,000	0	0	0	0	50,000
Park Improvements	160,000	0	0	0	0	0	60,000	0	0	0	100,000	0
Parking Lot Paving	200,000	0	0	0	0	0	200,000	0	0	0	0	0
Parkland Acquisition	1,950,000	0	0	0	0	0	50,000	0	1,900,000	0	0	0
Playground Equipment	200,000	0	0	0	0	0	200,000	0	0	0	0	0
Promenade Park	15,000	0	0	0	0	0	15,000	0	0	0	0	0
Robert Copenhaver Park Improvements	225,000	0	0	0	0	0	225,000	0	0	0	0	0
Swan Harbor Farm Improvements*	239,000	130,000	0	0	0	0	10,000	99,000	0	0	0	0
Stormwater Pond Repair and Renovation	200,000	0	0	0	0	0	200,000	0	0	0	0	0
Tennis/Multipurpose Court	100,000	0	0	0	0	0	100,000	0	0	0	0	0

*Paygo Special Revenue

TOTAL PARKS & RECREATION CAPITAL	5,688,000	230,000	0	0	0	0	1,705,000	698,000	2,100,000	30,000	100,000	825,000

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 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	195,000	75,000	270,000			50,000	100,000	50,000	470,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	195,000	75,000	270,000	0	0	50,000	100,000	50,000	470,000

FUNDING SCHEDULE

R1515 Recordation Tax	105,000	50,000	155,000			30,000	50,000	30,000	265,000
R6999 Other	90,000	25,000	115,000			20,000	50,000	20,000	205,000
			0						0
			0						0
			0						0
			0						0
Total Funds	195,000	75,000	270,000	0	0	50,000	100,000	50,000	470,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

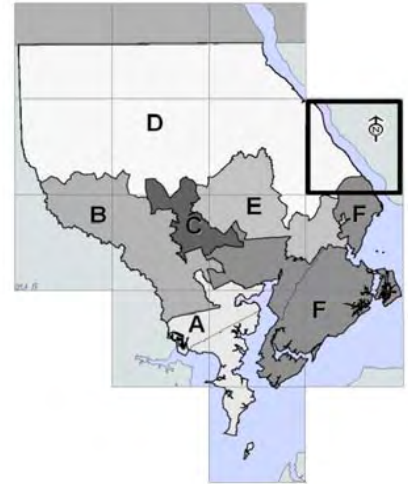
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	16,607
Encumbered	0
Total	\$16,607

PROJECT: Broad Creek Boat Launch Ramp**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Darlington, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	69,000		69,000						69,000
Land Acquisition			0						0
Construction	565,000	30,000	595,000						595,000
Inspection Fees	15,000		15,000						15,000
Equipment/Furnishing			0						0
Total Cost	649,000	30,000	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	165,000	30,000	195,000						195,000
			0						0
			0						0
			0						0
Total Funds	649,000	30,000	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 3/1/15:

Expended	37,733
Encumbered	18,398
Total	\$56,131

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 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.

**PROJECT SCHEDULE:**

FY 16 - Engineering

PROJECT STATUS:

This project is not currently funded.

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		50,000	50,000				75,000		125,000
Land Acquisition			0						0
Construction		150,000	150,000	75,000				200,000	425,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	200,000	200,000	75,000	0	0	75,000	200,000	550,000

FUNDING SCHEDULE

R6999 Other		100,000	100,000	25,000			25,000	100,000	250,000
R1515 Recordation Tax			0	50,000			25,000	100,000	175,000
R3399 State Other		100,000	100,000				25,000		125,000
			0						0
			0						0
			0						0
Total Funds	0	200,000	200,000	75,000	0	0	75,000	200,000	550,000

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

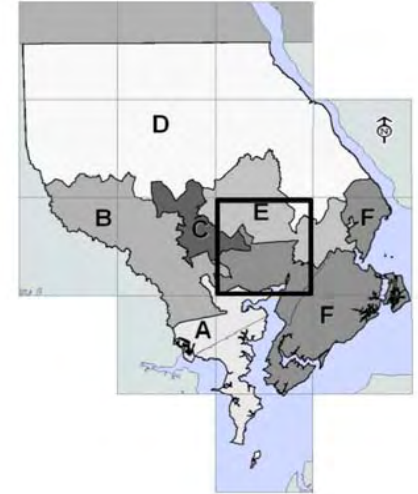
Expended

Encumbered

Total \$0

PROJECT: Churchville Center Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****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 15: Renovations for gymnastics program

FY 16: Replacement of the storage barn with a metal building

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	420,000	75,000	495,000	75,000					570,000
Inspection Fees		5,000	5,000						5,000
Equipment/Furnishing			0						0
Total Cost	420,000	80,000	500,000	75,000	0	0	0	0	575,000

FUNDING SCHEDULE

R1515 Recordation Tax	20,000	80,000	100,000	75,000					175,000
R6999 Other	200,000		200,000						200,000
R8770 Reappropriated	200,000		200,000						200,000
			0						0
			0						0
			0						0
Total Funds	420,000	80,000	500,000	75,000	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 3/1/15:

Expended	148,641
Encumbered	0
Total	\$148,641

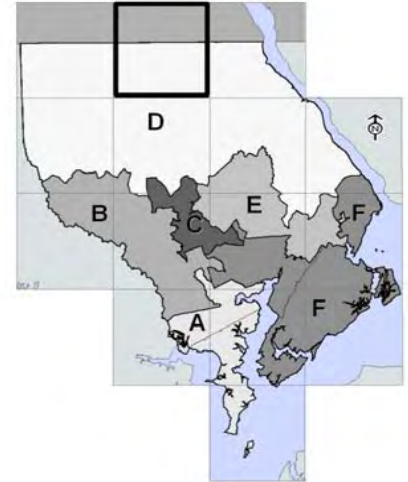
PROJECT: Eden Mill Park Rehabilitation**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Pylesville, MD****P104113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project continues renovations and improvements to Eden Mill, including repair of a sagging section of the storage barn 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 are 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 15 - Repairs to the historic mill

FY 16 - Repairs to the storage barn

**PROJECT STATUS:**

Repair and replacement of mill siding was completed in November 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			0						0
Land Acquisition			0						0
Construction	735,000	30,000	765,000	75,000					840,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	775,000	30,000	805,000	75,000	0	0	0	0	880,000

FUNDING SCHEDULE

R6999 Other	250,000		250,000						250,000
R8027 Reappropriated Recordation Tax	350,000		350,000						350,000
R1515 Recordation Tax	175,000	30,000	205,000	75,000					280,000
			0						0
			0						0
			0						0
Total Funds	775,000	30,000	805,000	75,000	0	0	0	0	880,000

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:

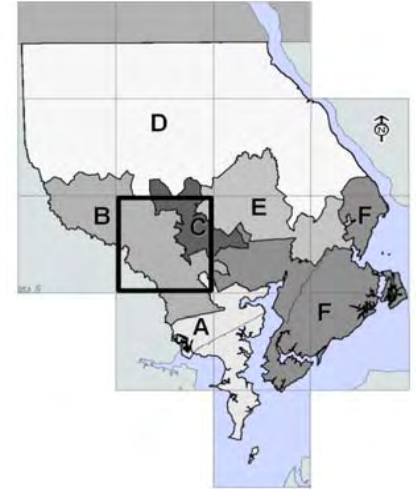
Expended	524,000
Encumbered	0
Total	<u>\$524,000</u>

PROJECT: Edgeley Grove Farm-Smith Property**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Benson, MD****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.

PROJECT SCHEDULE:

FY 16 - Renovation of the wiffle ball field at Edgeley Grove Park

**PROJECT STATUS:**

The additional staircase access to Annie's playground 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	125,000		125,000						125,000
Land Acquisition	800,000		800,000						800,000
Construction	3,250,000	25,000	3,275,000				90,000		3,365,000
Inspection Fees	150,000		150,000				10,000		160,000
Equipment/Furnishing			0						0
Total Cost	4,325,000	25,000	4,350,000	0	0	0	100,000	0	4,450,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,150,000	25,000	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	4,325,000	25,000	4,350,000	0	0	0	100,000	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 3/1/15:

Expended	3,198,825
Encumbered	27,849
Total	\$3,226,674

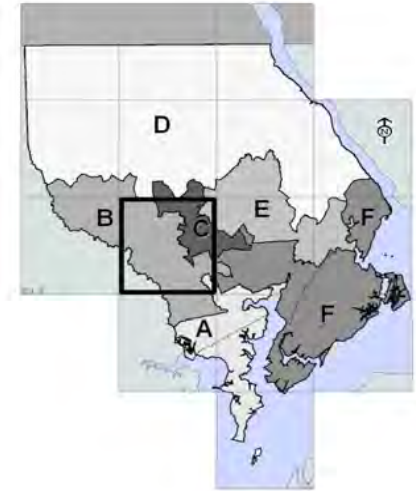
PROJECT: Emily Bayliss Graham Park**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Bel Air/Abingdon, MD****P124120****PROJECT DESCRIPTION / JUSTIFICATION:**

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 and park design

FY 17: Construction

**PROJECT STATUS:**

An environmental study of the property was recently completed

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	450,000		450,000						450,000
Land Acquisition			0						0
Construction	475,000	405,000	880,000	95,000		500,000		475,000	1,950,000
Inspection Fees	25,000	20,000	45,000	5,000		25,000		25,000	100,000
Equipment/Furnishing			0						0
Total Cost	950,000	425,000	1,375,000	100,000	0	525,000	0	500,000	2,500,000

FUNDING SCHEDULE

R6999 Other	750,000	425,000	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			0	100,000				250,000	350,000
			0						0
			0						0
Total Funds	950,000	425,000	1,375,000	100,000	0	525,000	0	500,000	2,500,000

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 3/1/15:

Expended	28,817
Encumbered	9,063
Total	\$37,880

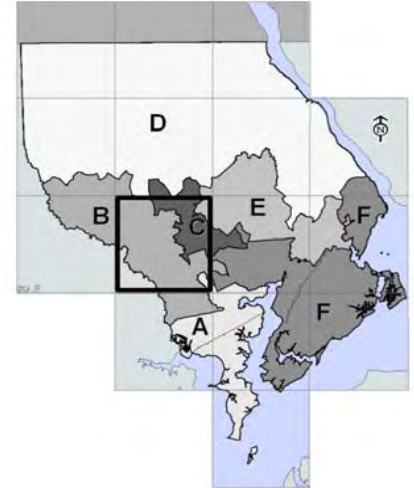
PROJECT: Emmorton Recreation and Tennis Center Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****P114121****PROJECT DESCRIPTION / JUSTIFICATION:**

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 15 - Replacement of signage at the Activity Center.

FY 16 - 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 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	534,000	265,000	799,000			90,000			889,000
Inspection Fees	11,000	10,000	21,000			10,000			31,000
Equipment/Furnishing			0						0
Total Cost	545,000	275,000	820,000	0	0	100,000	0	0	920,000

FUNDING SCHEDULE

R6330 Developer	60,000		60,000			50,000			110,000
R6999 Other	60,000	75,000	135,000			50,000			185,000
R1515 Recordation Tax	425,000		425,000						425,000
R3380 Program Open Space		200,000	200,000						200,000
			0						0
			0						0
Total Funds	545,000	275,000	820,000	0	0	100,000	0	0	920,000

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	402,832
Encumbered	22,279
Total	\$425,111

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 16: 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			0						0
Land Acquisition			0						0
Construction	677,000	255,000	932,000	120,000	120,000	95,000	95,000	95,000	1,457,000
Inspection Fees	33,000	15,000	48,000	5,000	5,000	5,000	5,000	5,000	73,000
Equipment/Furnishing			0						0
Total Cost	710,000	270,000	980,000	125,000	125,000	100,000	100,000	100,000	1,530,000

FUNDING SCHEDULE

R1515 Recordation Tax	550,000	170,000	720,000	105,000	125,000	100,000	100,000	100,000	1,250,000
R3320 State DNR/SWM	20,000		20,000	20,000					40,000
R6999 Other	140,000	100,000	240,000						240,000
			0						0
			0						0
			0						0
Total Funds	710,000	270,000	980,000	125,000	125,000	100,000	100,000	100,000	1,530,000

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:

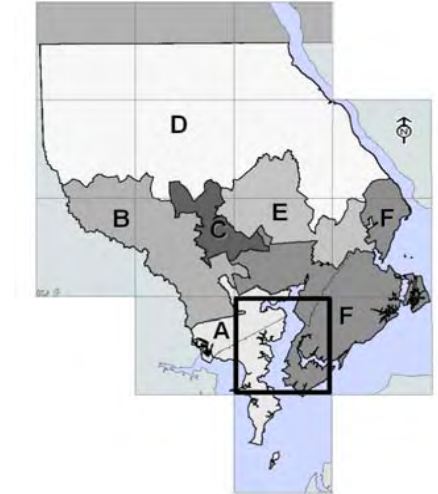
Expended	432,392
Encumbered	74
Total	\$432,466

PROJECT: Flying Point Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****P164114****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes pier renovation and improvements at the public boat launch at Flying Point Park. Waterway Improvement Funds have been requested from the Maryland Department of Natural Resources and the project will move forward as that funding becomes 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-Construction of waterway funding is available

**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		10,000	10,000						10,000
Land Acquisition			0						0
Construction		99,000	99,000						99,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	109,000	109,000	0	0	0	0	0	109,000

FUNDING SCHEDULE

R1515 Recordation Tax		10,000	10,000						10,000
R3399 State Other		99,000	99,000						99,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	109,000	109,000	0	0	0	0	0	109,000

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

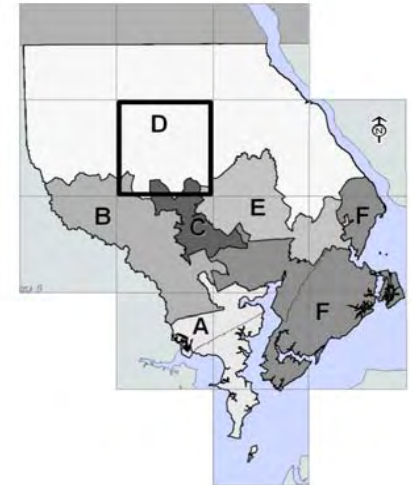
\$0

PROJECT: Francis Silver Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Darlington, MD****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 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		25,000	25,000						25,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	25,000	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	0	25,000	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

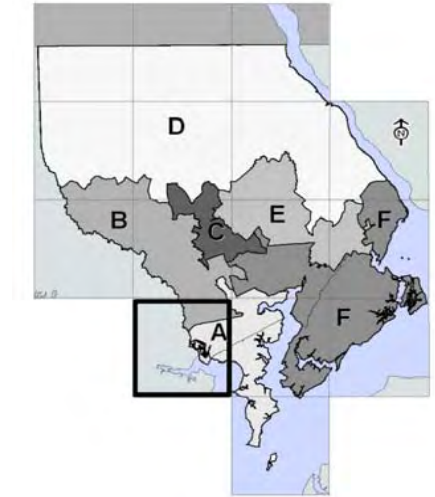
Expended

Encumbered

Total \$0

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 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

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	100,000	100,000	200,000		90,000				290,000
Land Acquisition			0						0
Construction	1,090,000		1,090,000			200,000			1,290,000
Inspection Fees	64,000		64,000	30,000		10,000			104,000
Equipment/Furnishing			0						0
Total Cost	1,254,000	100,000	1,354,000	30,000	90,000	210,000	0	0	1,684,000

FUNDING SCHEDULE

R3399 State Other	1,200,000	100,000	1,300,000		90,000	200,000			1,590,000
R1515 Recordation Tax	54,000		54,000	30,000		10,000			94,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,254,000	100,000	1,354,000	30,000	90,000	210,000	0	0	1,684,000

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:

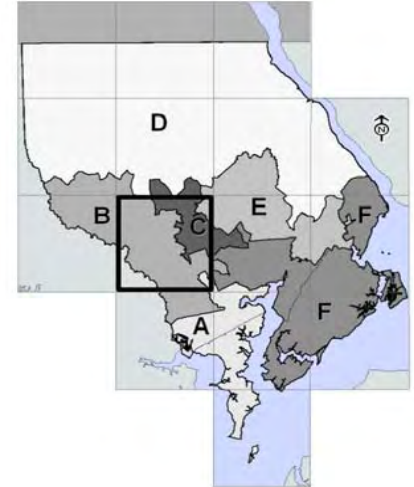
Expended	518,160
Encumbered	3,060
Total	\$521,220

PROJECT: Harford Center for the Arts**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: EMMORTON****New****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 2018. This project supports the the goals of the 2012 Master Plan and Land Use Element Plan.

PROJECT SCHEDULE:

FY 16: Construction of small parking lot
 FY2018: Detailed Construction Drawings
 FY2019: 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			0		1,000,000				1,000,000
Land Acquisition			0						0
Construction		50,000	50,000						50,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	50,000	50,000	0	1,000,000	0	0	0	1,050,000

FUNDING SCHEDULE

R7000 Future Bonds			0		500,000				500,000
R6999 Other		50,000	50,000		500,000				550,000
			0						0
			0						0
			0						0
Total Funds	0	50,000	50,000	0	1,000,000	0	0	0	1,050,000

OPERATING BUDGET IMPACT:

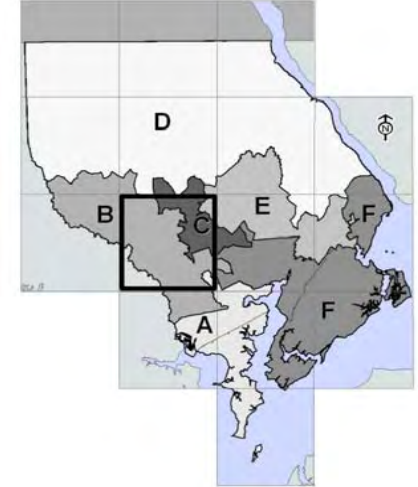
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Heavenly Waters Park**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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:****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 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	1,795,000	300,000	2,095,000						2,095,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	1,820,000	300,000	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	300,000	300,000	600,000						600,000
			0						0
Total Funds	1,820,000	300,000	2,120,000	0	0	0	0	0	2,120,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$109,678

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

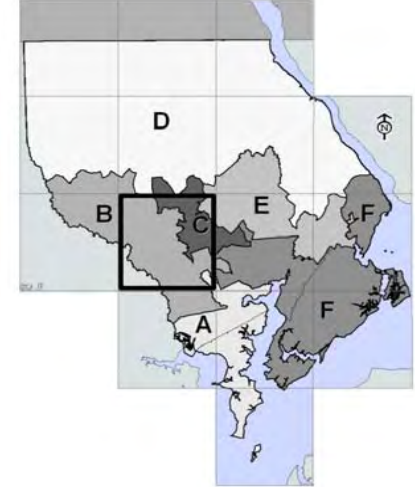
Expended	924,383
Encumbered	2,297
Total	\$926,680

PROJECT: Heavenly Waters Park - Soma**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Fallston, MD****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 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		95,000	95,000						95,000
Inspection Fees		5,000	5,000						5,000
Equipment/Furnishing			0						0
Total Cost	0	100,000	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	0	100,000	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

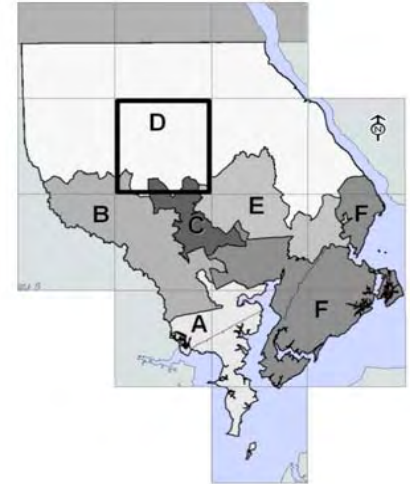
Encumbered

Total

\$0

PROJECT: Indoor Recreation Facility-Forest Hill/Hickory**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Forest Hill, MD****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 15-Roof repairs and partial replacement

FY 16-Installation of air-conditioning in the arena side of the building and parking lot improvements

PROJECT STATUS:

Roof repairs are underway at the facility.

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	5,000		5,000						5,000
Land Acquisition			0						0
Construction	595,000	75,000	670,000						670,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost	650,000	75,000	725,000	0	0	0	0	0	725,000

FUNDING SCHEDULE

R1515 Recordation Tax	450,000	75,000	525,000						525,000
R6999 Other	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	650,000	75,000	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 3/1/15:

Expended	171,652
Encumbered	1,779
Total	\$173,431

PROJECT: Liriodendron Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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.

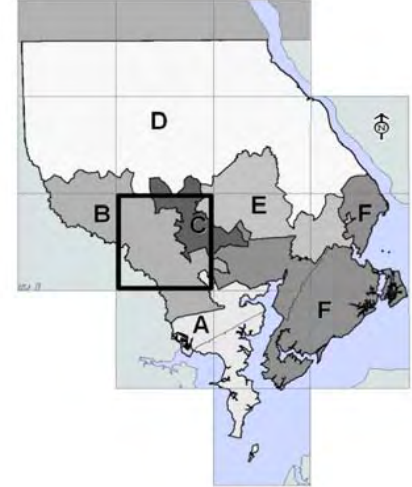
PROJECT SCHEDULE:

FY 15 - Design of storm window treatments and replacement of the south end arbor.

FY 16 - Installation of storm window treatments

PROJECT STATUS:

Design of the storm window treatments is underway

**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		10,000	10,000						10,000
Land Acquisition			0						0
Construction	42,000	90,000	132,000	237,500	75,000				444,500
Inspection Fees	3,000		3,000	12,500					15,500
Equipment/Furnishing			0						0
Total Cost	45,000	100,000	145,000	250,000	75,000	0	0	0	470,000

FUNDING SCHEDULE

R1515 Recordation Tax	35,000	100,000	135,000	175,000	50,000				360,000
R6999 Other	10,000		10,000	75,000	25,000				110,000
			0						0
			0						0
			0						0
			0						0
Total Funds	45,000	100,000	145,000	250,000	75,000	0	0	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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

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 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	960,000	130,000	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	960,000	130,000	1,090,000	150,000	150,000	150,000	150,000	150,000	1,840,000

FUNDING SCHEDULE

R1515 Recordation Tax	730,000	80,000	810,000	100,000	100,000	100,000	100,000	100,000	1,310,000
R6999 Other	230,000	50,000	280,000	50,000	50,000	50,000	50,000	50,000	530,000
			0						0
			0						0
			0						0
			0						0
Total Funds	960,000	130,000	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 3/1/15:

Expended	279,497
Encumbered	0
Total	\$279,497

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 16 - FY 21: 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			0						0
Land Acquisition			0						0
Construction	460,000	160,000	620,000	60,000	90,000	65,000	65,000	65,000	965,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	460,000	160,000	620,000	60,000	90,000	65,000	65,000	65,000	965,000

FUNDING SCHEDULE

R1515 Recordation Tax	275,000	60,000	335,000	60,000	60,000	65,000	65,000	65,000	650,000
R6330 Developer	100,000	100,000	200,000		30,000				230,000
R3399 State Other	85,000		85,000						85,000
			0						0
			0						0
			0						0
Total Funds	460,000	160,000	620,000	60,000	90,000	65,000	65,000	65,000	965,000

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	153,429
Encumbered	38,889
Total	<u>\$192,318</u>

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 16: Construction

**PROJECT STATUS:**

Work was completed at the Fallston Maintenance Shop and the Norrisville Recreation Center/Library

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	144,000	185,000	329,000	50,000	185,000	50,000	140,000	140,000	894,000
Inspection Fees	5,000	15,000	20,000	5,000	15,000	5,000	10,000	10,000	65,000
Equipment/Furnishing			0						0
Total Cost	149,000	200,000	349,000	55,000	200,000	55,000	150,000	150,000	959,000

FUNDING SCHEDULE

R1515 Recordation Tax	149,000	200,000	349,000	55,000	200,000	55,000	150,000	150,000	959,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	149,000	200,000	349,000	55,000	200,000	55,000	150,000	150,000	959,000

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	148,999
Encumbered	0
Total	\$148,999

PROJECT: Parkland Acquisition**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****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 16 - Property acquisition

**PROJECT STATUS:**

Payment of the Preston property acquisition 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	2,276,000	1,900,000	4,176,000	640,000	640,000	740,000	795,000	850,000	7,841,000
Construction			0						0
Inspection Fees	30,000	50,000	80,000						80,000
Equipment/Furnishing			0						0
Total Cost	2,306,000	1,950,000	4,256,000	640,000	640,000	740,000	795,000	850,000	7,921,000

FUNDING SCHEDULE

R1515 Recordation Tax	565,000	50,000	615,000	40,000	40,000	40,000	45,000	50,000	830,000
R3380 Program Open Space	1,741,000	1,900,000	3,641,000	600,000	600,000	700,000	750,000	800,000	7,091,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,306,000	1,950,000	4,256,000	640,000	640,000	740,000	795,000	850,000	7,921,000

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	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 16 - FY 21: Installation

**PROJECT STATUS:**

Replacement of equipment is moving forward at Mariner Point Park and Robert Copenhagen Park

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	1,455,000	200,000	1,655,000	150,000	225,000	150,000	150,000	225,000	2,555,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	1,455,000	200,000	1,655,000	150,000	225,000	150,000	150,000	225,000	2,555,000

FUNDING SCHEDULE

R1515 Recordation Tax	666,000	200,000	866,000	100,000	125,000	125,000	125,000	150,000	1,491,000
R6330 Developer	340,000		340,000	50,000	75,000	25,000	25,000	50,000	565,000
R6999 Other	90,000		90,000		25,000			25,000	140,000
R3380 Program Open Space	359,000		359,000						359,000
			0						0
			0						0
Total Funds	1,455,000	200,000	1,655,000	150,000	225,000	150,000	150,000	225,000	2,555,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

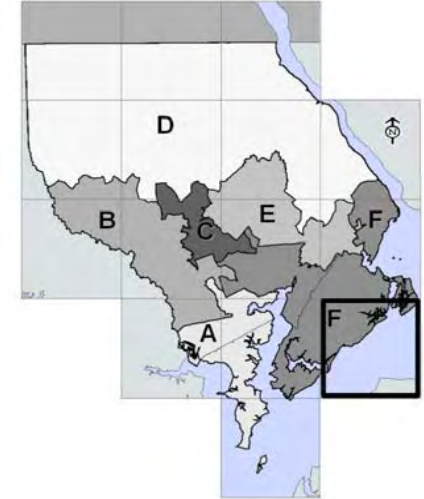
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	439,325
Encumbered	75,747
Total	<u>\$515,072</u>

PROJECT: Promenade Park**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****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

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				150,000		150,000
Land Acquisition			0						0
Construction		15,000	15,000						15,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	15,000	15,000	0	0	0	150,000	0	165,000

FUNDING SCHEDULE

R1515 Recordation Tax		15,000	15,000				150,000		165,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	15,000	15,000	0	0	0	150,000	0	165,000

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

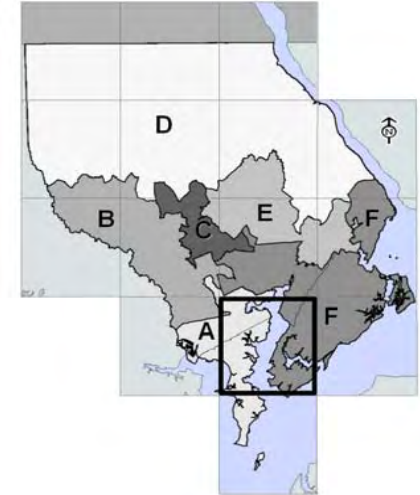
Total \$0

PROJECT: Robert Copenhaver Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne****P144126****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide improvements to Robert Copenhaver Park in support of the Joppatowne Seahawks recreation football program. Copenhaver 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.

PROJECT SCHEDULE:

FY 16 - Renovation of existing restrooms, including water and sewer 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			0						0
Land Acquisition			0						0
Construction	70,000	200,000	270,000						270,000
Inspection Fees	5,000	25,000	30,000						30,000
Equipment/Furnishing			0						0
Total Cost	75,000	225,000	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R1515 Recordation Tax	75,000	225,000	300,000						300,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	75,000	225,000	300,000	0	0	0	0	0	300,000

OPERATING BUDGET IMPACT:

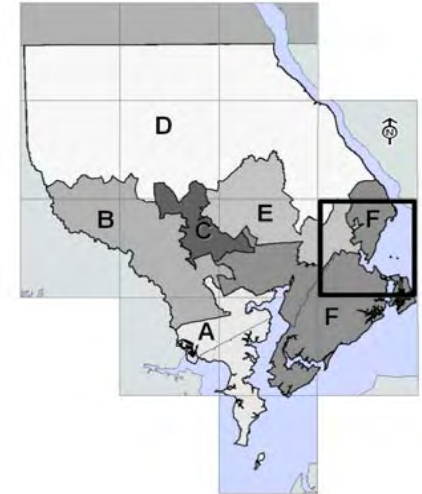
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	41,686
Encumbered	0
Total	\$41,686

PROJECT: Swan Harbor Farm Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****P154113****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes renovations and improvements at Swan Harbor Farm. 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

PROJECT STATUS:

The stamped concrete pad and tent replacement project is in process.

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		150,000				150,000
Land Acquisition			0						0
Construction	145,000	154,000	299,000			1,050,000			1,349,000
Inspection Fees	5,000	5,000	10,000						10,000
Equipment/Furnishing		80,000	80,000						80,000
Total Cost	150,000	239,000	389,000	0	150,000	1,050,000	0	0	1,589,000

FUNDING SCHEDULE

R8750 Paygo - Parks & Rec Fund	150,000	130,000	280,000		150,000				430,000
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	150,000	239,000	389,000	0	150,000	1,050,000	0	0	1,589,000

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	0
Total	\$0

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 16: 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			0						0
Land Acquisition			0						0
Construction	150,000	200,000	350,000	110,000	110,000	110,000	110,000	120,000	910,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	150,000	200,000	350,000	110,000	110,000	110,000	110,000	120,000	910,000

FUNDING SCHEDULE

R1515 Recordation Tax	150,000	200,000	350,000	110,000	110,000	110,000	110,000	120,000	910,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	200,000	350,000	110,000	110,000	110,000	110,000	120,000	910,000

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	0
Total	\$0

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 16: 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			0						0
Land Acquisition			0						0
Construction	490,000	100,000	590,000	100,000	100,000	100,000	100,000	100,000	1,090,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	490,000	100,000	590,000	100,000	100,000	100,000	100,000	100,000	1,090,000

FUNDING SCHEDULE

R1515 Recordation Tax	390,255	100,000	490,255	100,000	100,000	100,000	100,000	100,000	990,255
R8027 Reappropriated Recordation Tax	99,745		99,745						99,745
			0						0
			0						0
			0						0
			0						0
Total Funds	490,000	100,000	590,000	100,000	100,000	100,000	100,000	100,000	1,090,000

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:

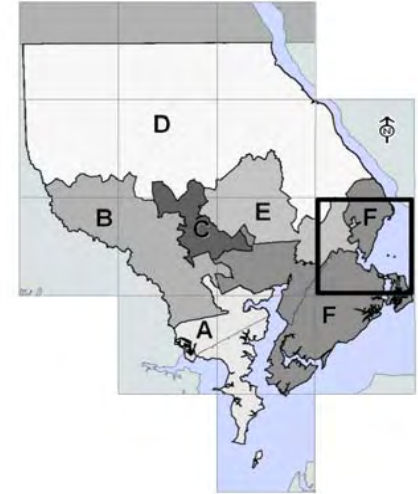
Expended	385,594
Encumbered	57,574
Total	<u>\$443,168</u>

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: Aberdeen Activity Center**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Aberdeen, MD****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 FY 2017. 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:****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	2,020	FY 2021	
Engineering/Design			0	500,000					500,000
Land Acquisition			0						0
Construction									0
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	0	0	0	500,000	0	0	0	0	500,000

FUNDING SCHEDULE

R7000 Future Bonds				500,000					500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	500,000	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

Expended
 Encumbered
 Total \$0

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 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	100,000		100,000	50,000	50,000	75,000	50,000	75,000	400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	50,000	50,000	75,000	50,000	75,000	400,000

FUNDING SCHEDULE

R1515 Recordation Tax	100,000		100,000	50,000	50,000	75,000	50,000	75,000	400,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	50,000	50,000	75,000	50,000	75,000	400,000

OPERATING BUDGET IMPACT:

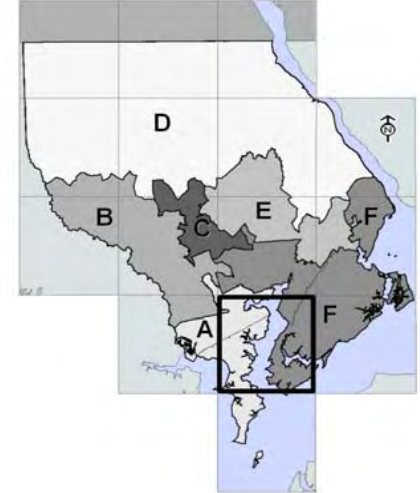
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	1,309
Encumbered	28,541
Total	\$29,850

PROJECT: Anita C. Leight Center Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Abingdon, MD****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. Funding has been used for improvements to the roadway leading to the Center's boat launch and a feasibility study for parking lot repairs. Other possible projects include a storage building for kayak equipment and a small pavilion at the Center's canoe launch. Additional funding may be received for the Coastal Zone Management Program. 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

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	160,000		160,000						160,000
Land Acquisition			0						0
Construction	325,000		325,000			200,000			525,000
Inspection Fees	10,000		10,000						10,000
Equipment/Furnishing			0						0
Total Cost	495,000	0	495,000	0	0	200,000	0	0	695,000

FUNDING SCHEDULE

R1515 Recordation Tax	305,000		305,000			100,000			405,000
R6999 Other	100,000		100,000			100,000			200,000
R3380 Program Open Space	90,000		90,000						90,000
			0						0
			0						0
			0						0
Total Funds	495,000	0	495,000	0	0	200,000	0	0	695,000

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	79,359
Encumbered	18,640
Total	\$97,999

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 and engineering at Patterson Mill High-Middle School. With the joint use agreement between Parks and Recreation and HCPS for turf fields, this will greatly benefit the programs of the Fallston and Emmorton Recreation Councils, 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 17: Patterson Mill Middle-High School-Engineering

FY 18: Patterson Mill Middle-High School-Construction

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 2015.

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	525,000		525,000	150,000	150,000				825,000
Land Acquisition			0						0
Construction	8,630,000		8,630,000	1,500,000	1,000,000				11,130,000
Inspection Fees	295,000		295,000	50,000	25,000				370,000
Equipment/Furnishing			0						0
Total Cost	9,450,000	0	9,450,000	1,700,000	1,175,000	0	0	0	12,325,000

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	1,700,000	1,175,000				2,875,000
R7100 Prior Bonds	7,300,000		7,300,000						7,300,000
R8092 Reappropriated Recordation Tax	250,000		250,000						250,000
			0						0
Total Funds	9,450,000	0	9,450,000	1,700,000	1,175,000	0	0	0	12,325,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$627,762

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	8,160,106
Encumbered	302,498
Total	\$8,462,604

PROJECT: Benson Field Development**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Fallston, MD****New****PROJECT DESCRIPTION / JUSTIFICATION:**

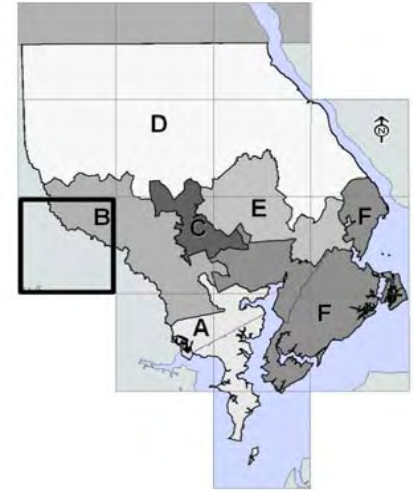
This project proposes the construction of active recreation facilities on the 41 acre parcel adjacent to Edgeley Grove Farm. This parcel is relatively level and well suited for baseball/softball diamonds as well as multipurpose fields and will provide facilities needed by the Fallston Recreation Council. 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 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							500,000	500,000	1,000,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	500,000	500,000	1,000,000

FUNDING SCHEDULE

R1515 Recordation Tax							500,000	500,000	1,000,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	500,000	500,000	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

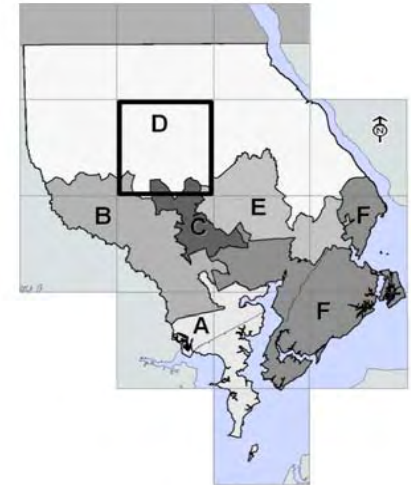
Expended

Encumbered

Total \$0

PROJECT: Blake's Venture Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Forest Hill, MD****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:****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					100,000	100,000
Land Acquisition			0						0
Construction			0					400,000	400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	500,000	500,000

FUNDING SCHEDULE

R1515 Recordation Tax			0					500,000	500,000
			0						0
			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: 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 21: Purchase and installation of bleacher units

**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	370,000		370,000	60,000	60,000	60,000	60,000	60,000	670,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	370,000	0	370,000	60,000	60,000	60,000	60,000	60,000	670,000

FUNDING SCHEDULE

R1515 Recordation Tax	200,000		200,000	30,000	30,000	30,000	30,000	30,000	350,000
R6999 Other	170,000		170,000	30,000	30,000	30,000	30,000	30,000	320,000
			0						0
			0						0
			0						0
			0						0
Total Funds	370,000	0	370,000	60,000	60,000	60,000	60,000	60,000	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 3/1/15:

Expended	155,697
Encumbered	0
Total	\$155,697

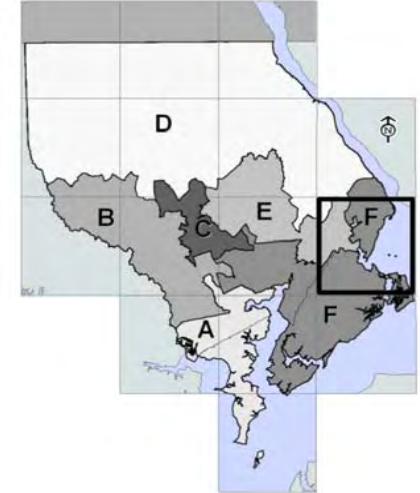
PROJECT: Bulkhead Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Tydings Island, MD****New****PROJECT DESCRIPTION / JUSTIFICATION:**

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 17: Design and Engineering

FY 18: 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			0	40,000					40,000
Land Acquisition			0						0
Construction			0		515,000		70,000	650,000	1,235,000
Inspection Fees			0		20,000		5,000		25,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	40,000	535,000	0	75,000	650,000	1,300,000

FUNDING SCHEDULE

R3399 State Other			0	40,000	515,000		75,000	620,000	1,250,000
R1515 Recordation Tax			0		20,000				20,000
R6999 Other			0					30,000	30,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	40,000	535,000	0	75,000	650,000	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

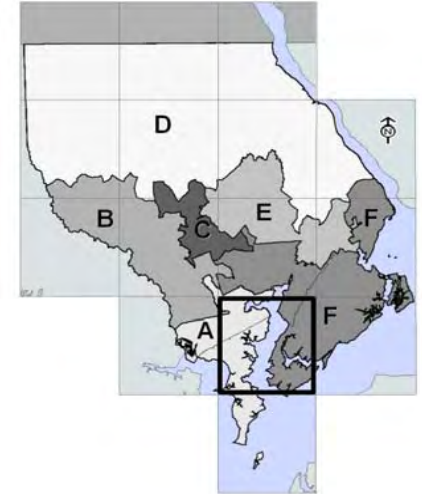
Encumbered

Total

\$0

PROJECT: Bush River Dredging and DMP Site 16**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Edgewood, MD****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.

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

Yearly SAV monitoring 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			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	0	150,000	1,575,000	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	0	150,000	1,575,000	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

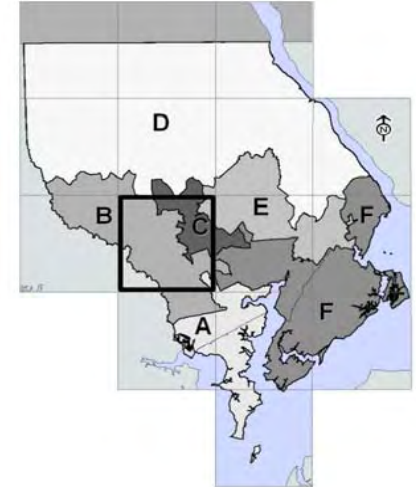
Expended

Encumbered

Total \$0

PROJECT: Cedar Lane Sports Complex Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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, irrigation, 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 - Playground Installation

PROJECT STATUS:

Construction of the irrigation system and other field improvements continue. Accessibility improvements to begin in FY15.

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	30,000		30,000		100,000				130,000
Land Acquisition			0						0
Construction	1,821,000		1,821,000	90,000	350,000	900,000		1,250,000	4,411,000
Inspection Fees	60,000		60,000	10,000	50,000	100,000		150,000	370,000
Equipment/Furnishing			0			400,000			400,000
Total Cost	1,911,000	0	1,911,000	100,000	500,000	1,400,000	0	1,400,000	5,311,000

FUNDING SCHEDULE

R6999 Other	1,000,000		1,000,000	100,000	500,000	1,400,000		1,400,000	4,400,000
R8750 Paygo	661,000		661,000						661,000
R7100 Prior Bonds	100,000		100,000						100,000
R8092 Reappropriated Recordation Tax	150,000		150,000						150,000
			0						0
			0						0
Total Funds	1,911,000	0	1,911,000	100,000	500,000	1,400,000	0	1,400,000	5,311,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$9,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	115,299
Encumbered	1,653
Total	\$116,952

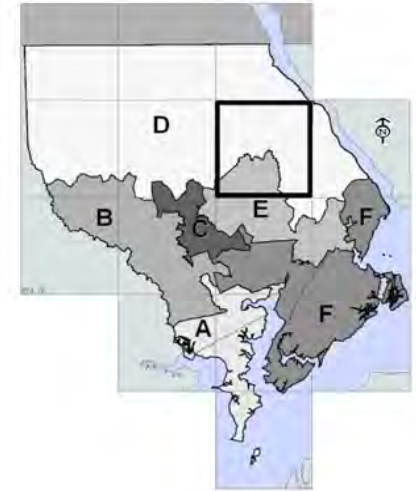
PROJECT: Darlington Park Development**COUNCIL DISTRICT: D****LOCATION: Darlington, MD****PARKS AND RECREATION****P094124****PROJECT DESCRIPTION / JUSTIFICATION:**

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.

PROJECT SCHEDULE:**PROJECT STATUS:**

Field construction is underway.



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	125,000		125,000						125,000
Land Acquisition			0						0
Construction	1,410,000		1,410,000				475,000		1,885,000
Inspection Fees	40,000		40,000				25,000		65,000
Equipment/Furnishing			0						0
Total Cost	1,575,000	0	1,575,000	0	0	0	500,000	0	2,075,000

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
			0						0
			0						0
			0						0
Total Funds	1,575,000	0	1,575,000	0	0	0	500,000	0	2,075,000

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 3/1/15:

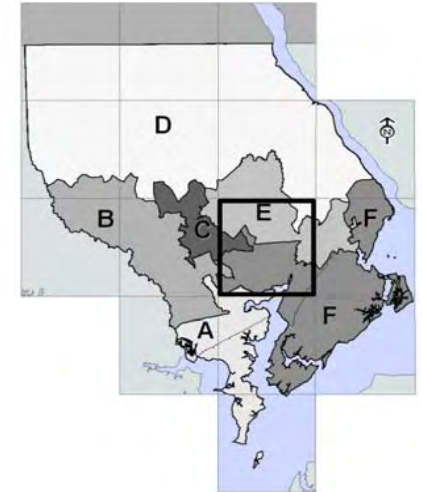
Expended	91,305
Encumbered	9,103
Total	\$100,408

PROJECT: Disc Golf Course**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****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.

PROJECT SCHEDULE:**PROJECT STATUS:**

The new disc golf course at Churchville 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	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	0	0	50,000	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	0	0	50,000	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 3/1/15:

Expended	42,205
Encumbered	386
Total	\$42,591

PROJECT: Dublin Community Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Dublin, MD****New****PROJECT DESCRIPTION / JUSTIFICATION:**

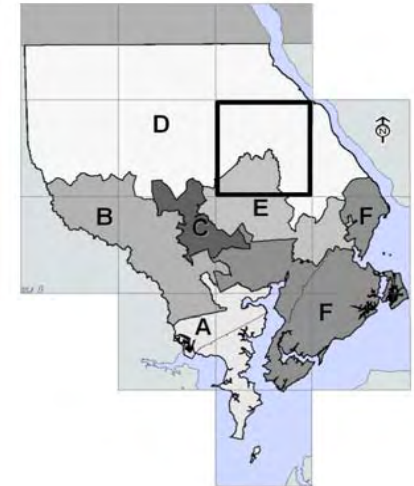
This project is for the development of Dublin Community Park on the property located in Dublin at Conowingo Road and Route 136. The property would provide additional needed field space for the Dublin/Darlington Recreation Council, as well as, other park amenities, such as a walking trail and picnic pavilion. 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	0	0	150,000	0	150,000

FUNDING SCHEDULE

R1515 Recordation Tax			0				150,000		150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	150,000	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

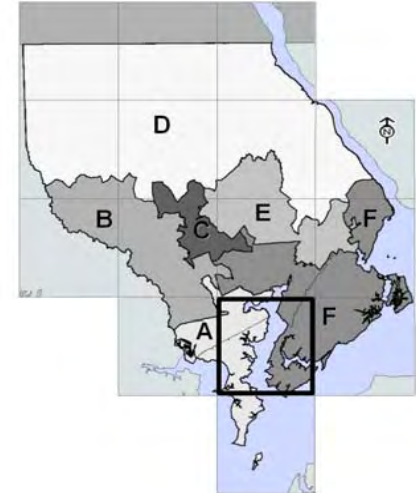
Total \$0

PROJECT: Edgewood Recreation and Community Center**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****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 17 the field would be available for use in 2018.

**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	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 3/1/15:

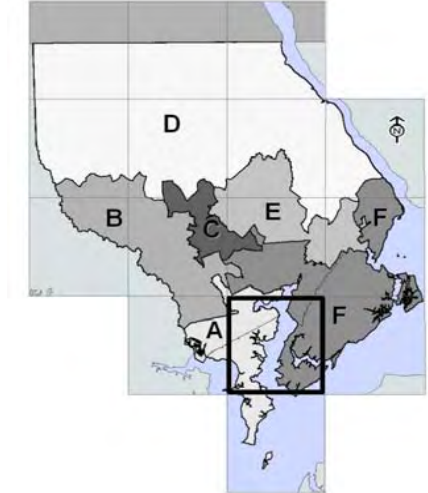
Expended	40,222
Encumbered	0
Total	\$40,222

PROJECT: Edgewood Recreation Park**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****P074131****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 17: Installation of restroom facility

**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	80,000		80,000	30,000					110,000
Land Acquisition			0						0
Construction	1,022,000		1,022,000	350,000	50,000			100,000	1,522,000
Inspection Fees	53,000		53,000	20,000					73,000
Equipment/Furnishing			0						0
Total Cost	1,155,000	0	1,155,000	400,000	50,000	0	0	100,000	1,705,000

FUNDING SCHEDULE

R1515 Recordation Tax	480,000		480,000	100,000	50,000			100,000	730,000
R6330 Developer	175,000		175,000						175,000
R6999 Other	49,742		49,742						49,742
R8027 Reappropriated Recordation Tax	258		258						258
R3380 Program Open Space	450,000		450,000	300,000					750,000
			0						0
Total Funds	1,155,000	0	1,155,000	400,000	50,000	0	0	100,000	1,705,000

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	912,180
Encumbered	0
Total	\$912,180

PROJECT: Emmorton Development**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Emmorton, MD****New****PROJECT DESCRIPTION / JUSTIFICATION:**

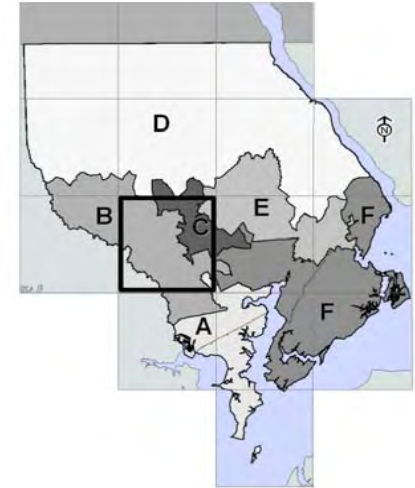
This project proposes development of active field space in the Emmorton Recreation Council service area. The Emmorton Recreation Council serves a growing area of Harford County and needs additional active field space to meet the growing needs of their Council programs. This project supports the goals and objectives of the 2013 Land Preservation, Parks and Recreation Plan, and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 21 - Engineering and Design

PROJECT STATUS:

This project is not yet funded.

**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					200,000	200,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	200,000	200,000

FUNDING SCHEDULE

R1515 Recordation Tax			0					200,000	200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	0	200,000	200,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$817,649

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

Expended

Encumbered 0

Total \$0

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. 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:**PROJECT STATUS:**

Youth's Benefit Elementary modernization is underway.

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			600,000	1,800,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	600,000	0	600,000	0	600,000	0	0	600,000	1,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	600,000		600,000						600,000
R7000 Future Bonds			0		600,000			600,000	1,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	0	600,000	0	600,000	0	0	600,000	1,800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$54,000
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

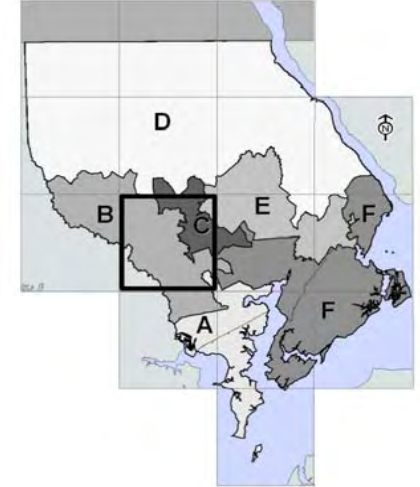
Expended	0
Encumbered	0
Total	\$0

PROJECT: Equestrian Center Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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 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	311,000		311,000	238,000	100,000				649,000
Inspection Fees	14,000		14,000	12,000					26,000
Equipment/Furnishing			0						0
Total Cost	325,000	0	325,000	250,000	100,000	0	0	0	675,000

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	250,000					250,000
			0						0
			0						0
Total Funds	325,000	0	325,000	250,000	100,000	0	0	0	675,000

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	106,115
Encumbered	0
Total	\$106,115

PROJECT: Fallston Maintenance Shop**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Fallston, MD****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.

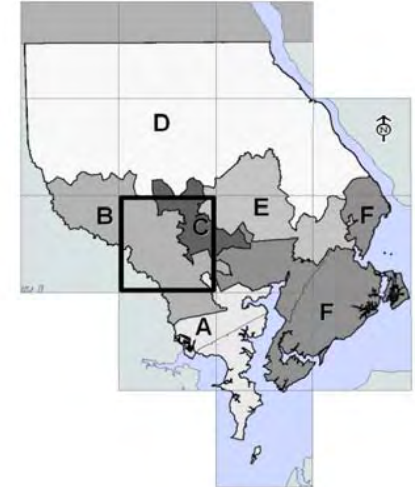
PROJECT SCHEDULE:

FY 18: 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 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	50,000		50,000		300,000				350,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	50,000	0	50,000	0	300,000	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	0	300,000	0	0	0	350,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

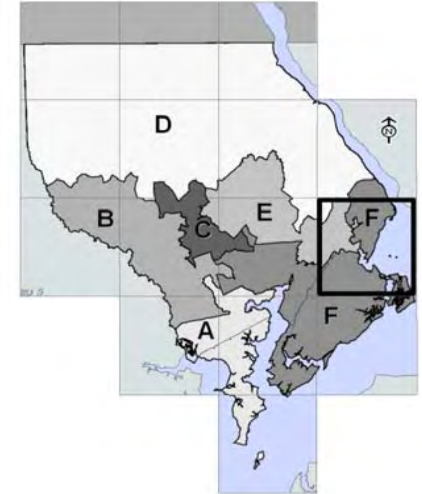
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	39,793
Encumbered	0
Total	\$39,793

PROJECT: Havre de Grace Community Center Field**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the construction of a connection to the Lower Susquehanna Heritage Greenway Trail at the Havre de Grace Community Center. The existing park and undeveloped area will be improved to create a field, practice area and parking. The parking lot can serve the field, the community center, and the Lower Susquehanna Heritage Greenway Trail, making efficient use of the site. Additional residential development is anticipated in this area. Population growth will generate increased demand for 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 18: Engineering, Design and 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			0		50,000				50,000
Land Acquisition			0						0
Construction			0		500,000				500,000
Inspection Fees			0		50,000				50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	600,000	0	0	0	600,000

FUNDING SCHEDULE

R1515 Recordation Tax			0		300,000				300,000
R6999 Other			0		300,000				300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	600,000	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

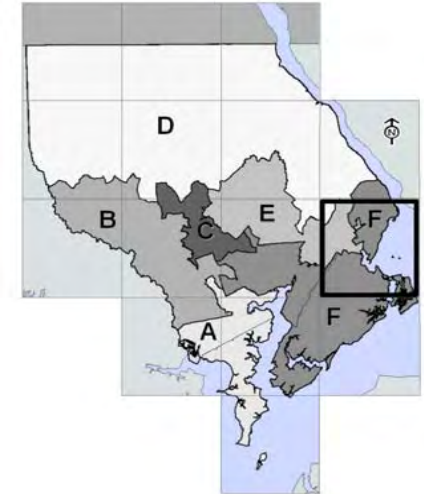
Expended

Encumbered

Total \$0

PROJECT: Havre de Grace Yacht Basin Dredging**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****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.

**PROJECT SCHEDULE:**

FY 18-Engineering and permitting for project

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		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	0	50,000	550,000	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	0	50,000	550,000	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

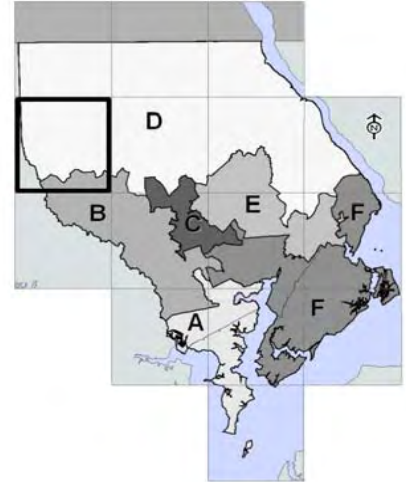
Expended

Encumbered 0

Total \$0

PROJECT: Jarrettsville Recreation Center**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Jarrettsville, MD****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. Design will be initiated in FY 2015 with construction beginning in FY2018. 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:**

FY 15: Design and Engineering

FY 18: 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	510,775		510,775						510,775
Land Acquisition			0						0
Construction					6,168,000				6,168,000
Inspection Fees					32,000			238,000	270,000
Equipment/Furnishing			0			400,000		12,000	412,000
Total Cost	510,775	0	510,775	0	6,200,000	400,000	0	250,000	7,360,775

FUNDING SCHEDULE

R8750 Paygo	425,000		425,000						425,000
R6999 Other			0		200,000				200,000
R7000 Future Bonds			0		6,000,000	400,000		250,000	6,650,000
R8092 Reappropriated Recordation Tax	85,775		85,775						85,775
			0						0
			0						0
Total Funds	510,775	0	510,775	0	6,200,000	400,000	0	250,000	7,360,775

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

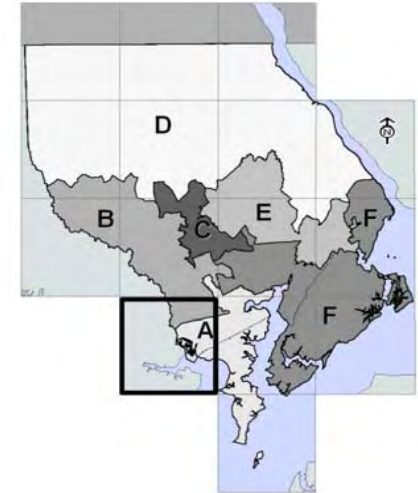
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Joppa/Joppatowne Youth/Senior Center**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppatowne, MD****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide funding for the 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 2021. 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 and Design

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					500,000	500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	500,000	500,000

FUNDING SCHEDULE

R7000 Future Bonds			0					500,000	500,000
			0						0
			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

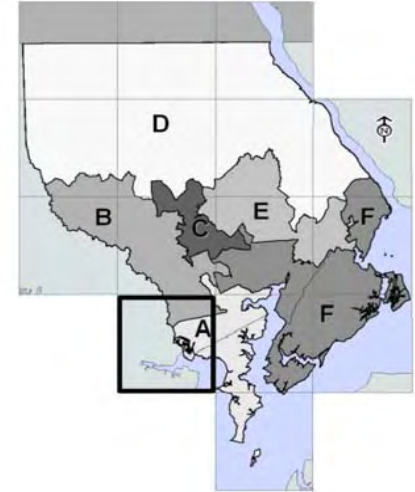
PROJECT: Magnolia Complex Development**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****New****PROJECT DESCRIPTION / JUSTIFICATION:**

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:

FY 18 - Engineering for restroom

FY 18 - Restroom 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			0						0
Land Acquisition			0						0
Construction			0		400,000				400,000
Inspection Fees			0		25,000				25,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	425,000	0	0	0	425,000

FUNDING SCHEDULE

R1515 Recordation Tax			0		200,000				200,000
R6330 Developer			0						0
R3199 Federal Other			0						0
R7100 Prior Bonds			0						0
R6999 Other			0						0
R3380 Program Open Space			0		225,000				225,000
Total Funds	0	0	0	0	425,000	0	0	0	425,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$90,425

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of

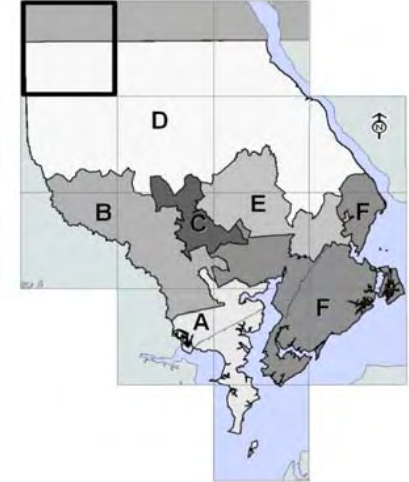
Expended

Encumbered 0

Total \$0

PROJECT: Norrisville Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Norrisville, MD****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 2017 with construction in FY 2018. 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 17: Engineering/Design

FY 18: 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			0	125,000					125,000
Land Acquisition			0						0
Construction			0		500,000	142,000			642,000
Inspection Fees			0			8,000			8,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	125,000	500,000	150,000	0	0	775,000

FUNDING SCHEDULE

R1515 Recordation Tax			0	125,000	500,000	150,000			775,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	125,000	500,000	150,000	0	0	775,000

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

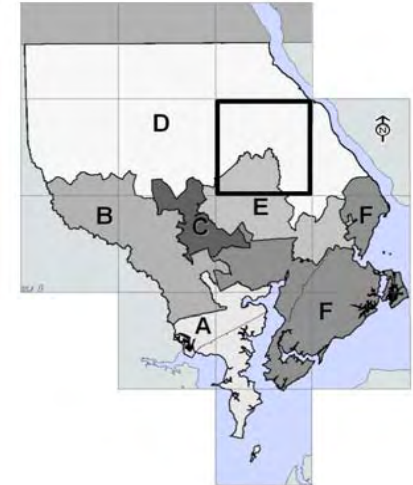
Total \$0

PROJECT: Northern Regional Park**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Whiteford, MD****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 2020 and 2021 and will include an indoor recreation facility. Construction would be done in 2021. 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0				500,000		500,000
Land Acquisition	575,000		575,000						575,000
Construction								8,000,000	8,000,000
Inspection Fees								500,000	500,000
Equipment/Furnishing			0						0
Total Cost	575,000	0	575,000	0	0	0	500,000	8,500,000	9,575,000

FUNDING SCHEDULE

R8750 Paygo	75,000		75,000				500,000		575,000
R3380 Program Open Space	500,000		500,000						500,000
R7000 Future Bonds			0					8,500,000	8,500,000
			0						0
			0						0
			0						0
Total Funds	575,000	0	575,000	0	0	0	500,000	8,500,000	9,575,000

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 3/1/15:

Expended	458,465
Encumbered	0
Total	\$458,465

PROJECT: Oakington Farms-Tydings Park**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****P124123****PROJECT DESCRIPTION / JUSTIFICATION:**

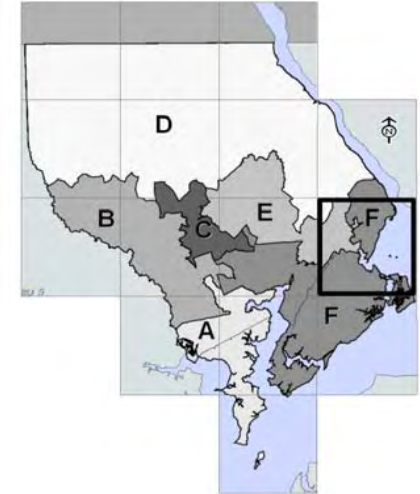
This project proposes the development of the Millard and Eleanore Tydings Park in partnership with Chesapeake Therapeutic Riding, a nonprofit Recreation Council. The large French barn and other structures will be adapted for this use and an indoor riding arena constructed. Future development will be 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:

FY 17 - Construction of the indoor riding arena

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	1,781,000		1,781,000	95,000			1,000,000		2,876,000
Inspection Fees	19,000		19,000	5,000			50,000		74,000
Equipment/Furnishing			0						0
Total Cost	1,900,000	0	1,900,000	100,000	0	0	1,050,000	0	3,050,000

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
R1515 Recordation Tax			0	100,000			50,000		150,000
			0						0
			0						0
Total Funds	1,900,000	0	1,900,000	100,000	0	0	1,050,000	0	3,050,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

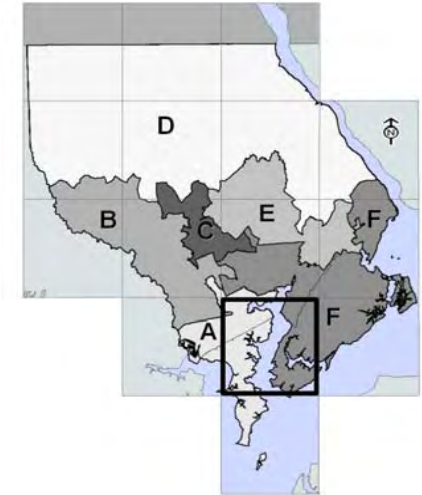
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	465,100
Encumbered	30,550
Total	\$495,650

PROJECT: Perryman Park Development**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Perryman, MD****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 20 - Engineering

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				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

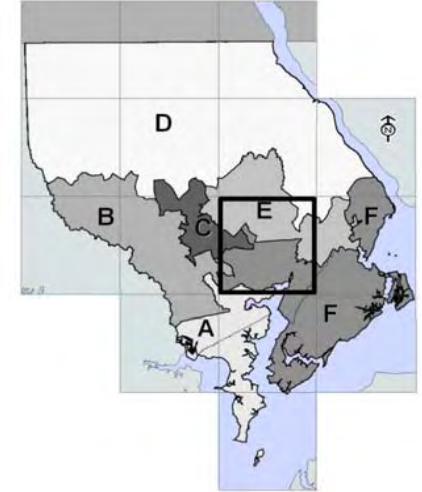
Expended

Encumbered

Total \$0

PROJECT: Prospect Mill Park**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Bel Air, MD****P044126****PROJECT DESCRIPTION / JUSTIFICATION:**

Harford County has 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 2016. 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 16: Installation of pavilion

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	92,000		92,000						92,000
Land Acquisition			0						0
Construction	1,280,000		1,280,000	95,000		480,000			1,855,000
Inspection Fees	58,000		58,000	5,000		20,000			83,000
Equipment/Furnishing			0						0
Total Cost	1,430,000	0	1,430,000	100,000	0	500,000	0	0	2,030,000

FUNDING SCHEDULE

R1515 Recordation Tax	180,000		180,000	100,000		250,000			530,000
R6330 Developer	100,000		100,000						100,000
R3380 Program Open Space	350,000		350,000			250,000			600,000
R8027 Reappropriated Recordation Tax	800,000		800,000						800,000
			0						0
			0						0
Total Funds	1,430,000	0	1,430,000	100,000	0	500,000	0	0	2,030,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

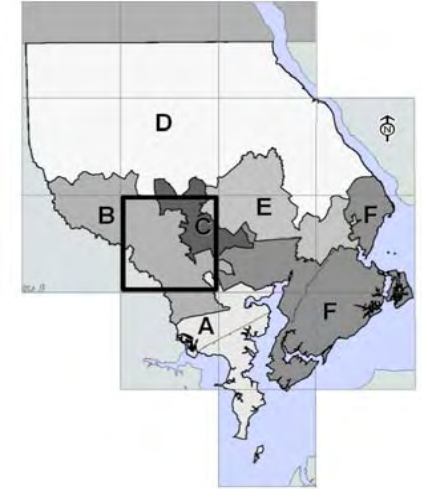
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	1,223,207
Encumbered	0
Total	<u>\$1,223,207</u>

PROJECT: Red Pump Road Elementary School Facilities**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****P084127****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:**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	1,540,000		1,540,000		50,000	120,000			1,710,000
Inspection Fees	60,000		60,000			5,000			65,000
Equipment/Furnishing			0						0
Total Cost	1,600,000	0	1,600,000	0	50,000	125,000	0	0	1,775,000

FUNDING SCHEDULE

R1515 Recordation Tax	100,000		100,000			125,000			225,000
R6330 Developer	200,000		200,000						200,000
R7100 Prior Bonds	1,300,000		1,300,000						1,300,000
R6999 Other			0		50,000				50,000
			0						0
			0						0
Total Funds	1,600,000	0	1,600,000	0	50,000	125,000	0	0	1,775,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$141,532

Annual Operating/Maintenance Cost: N/A

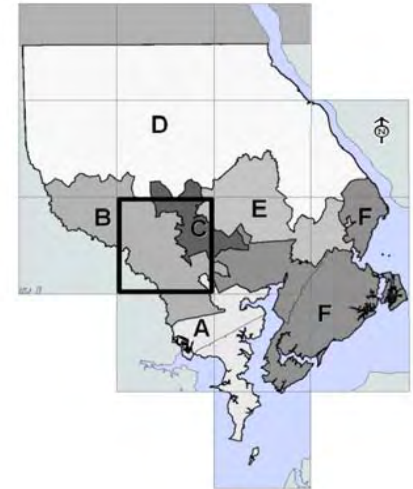
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	911,033
Encumbered	2,440
Total	\$913,473

PROJECT: Rockfield Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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. 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:****PROJECT STATUS:**

Construction of the pathway to the playground is underway.

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	100,000		100,000		95,000		95,000	95,000	385,000
Inspection Fees					5,000		5,000	5,000	15,000
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	100,000	0	100,000	100,000	400,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000		50,000		50,000	50,000	200,000
R6999 Other	50,000		50,000		50,000		50,000	50,000	200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	100,000	0	100,000	100,000	400,000

OPERATING BUDGET IMPACT:

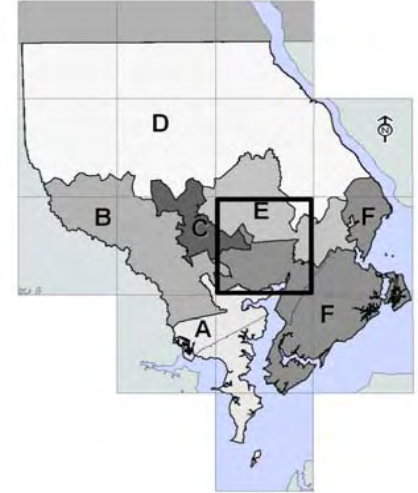
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	15,728
Encumbered	0
Total	\$15,728

PROJECT: Schucks Road Regional Complex**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Bel Air, MD****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. A future indoor recreation center is planned for construction in FY 2021. 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:****PROJECT STATUS:**

Construction of the park is complete. Fields are currently available.

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	150,000		150,000					700,000	850,000
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	700,000	8,810,415

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	1,529,415		1,529,415						1,529,415
R3380 Program Open Space	1,956,000		1,956,000						1,956,000
R7000 Future Bonds			0					700,000	700,000
Total Funds	8,110,415	0	8,110,415	0	0	0	0	700,000	8,810,415

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$223,205

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	5,363,297
Encumbered	115,583
Total	\$5,478,880

PROJECT: Trails & Linear Parks**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Bel Air & Whiteford, MD****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 in the Town of Bel Air

FY 17: Construction of the Ma & Pa trail connection in the Town of Bel Air

PROJECT STATUS:

Engineering for the trail portion through the Town of Bel Air is underway

**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	245,000		245,000						245,000
Land Acquisition	55,000		55,000						55,000
Construction				1,900,000				1,900,000	3,800,000
Inspection Fees				100,000				100,000	200,000
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	2,000,000	0	0	0	2,000,000	4,300,000

FUNDING SCHEDULE

R1515 Recordation Tax	225,000		225,000						225,000
R8750 Paygo	75,000		75,000						75,000
R3140 Federal MAP-21			0	1,000,000				1,000,000	2,000,000
R7000 Future Bonds			0	1,000,000				1,000,000	2,000,000
			0						0
			0						0
Total Funds	300,000	0	300,000	2,000,000	0	0	0	2,000,000	4,300,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

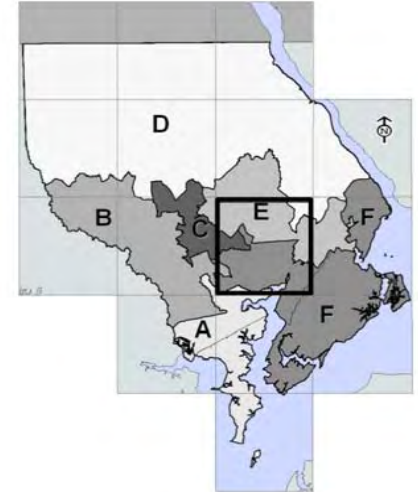
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	1,100
Encumbered	0
Total	\$1,100

PROJECT: Tudor Hall Rehabilitation**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Bel Air, MD****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 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	475,000		475,000		140,000			140,000	755,000
Inspection Fees	25,000		25,000		10,000			10,000	45,000
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	0	150,000	0	0	150,000	800,000

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					150,000	150,000
			0						0
			0						0
Total Funds	500,000	0	500,000	0	150,000	0	0	150,000	800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

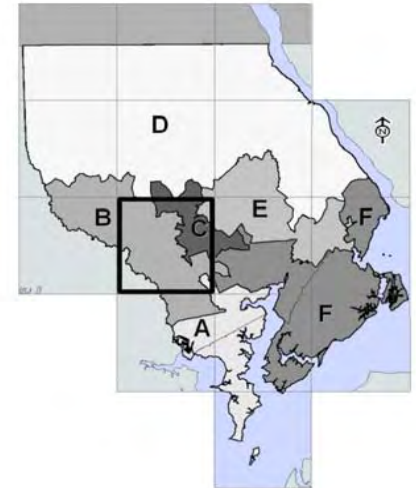
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	129,814
Encumbered	7,116
Total	\$136,930

PROJECT: Vale Road Park**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design			0		100,000				100,000
Land Acquisition			0						0
Construction			0			950,000			950,000
Inspection Fees			0			50,000			50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	100,000	1,000,000	0	0	1,100,000

FUNDING SCHEDULE

R1515 Recordation Tax			0		100,000	500,000			600,000
R3380 Program Open Space			0			500,000			500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	100,000	1,000,000	0	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

Expended

Encumbered

Total \$0

PROJECT: Water and Land Trails (North Park)**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Various****P134111****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the engineering, design, acquisition, development, repair and/or maintenance of land and water based trails and facilities. Trails will be constructed along the Lower Susquehanna Heritage trail system, the John Smith National Historic trail and/or the Star Spangled Banner National trails. These trails will be used for transportation, as well as physical fitness and provide facilities for walking, jogging, bike riding, and public access to the water for various recreational opportunities.

PROJECT SCHEDULE:

FY 20 - Design and 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	800,000		800,000						800,000
Land Acquisition			0						0
Construction			0				1,000,000	250,000	1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	800,000	0	800,000	0	0	0	1,000,000	250,000	2,050,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000					250,000	550,000
R6999 Other	500,000		500,000				1,000,000		1,500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	800,000	0	800,000	0	0	0	1,000,000	250,000	2,050,000

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	300,000
Encumbered	0
Total	\$300,000

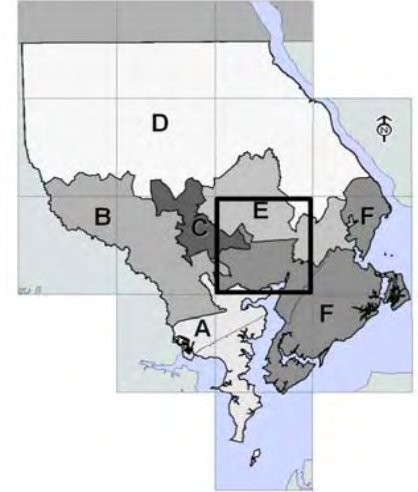
OPEN/ACTIVE PROJECTS

PROJECT: Abingdon Road Park**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Abingdon, MD****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.

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 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	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

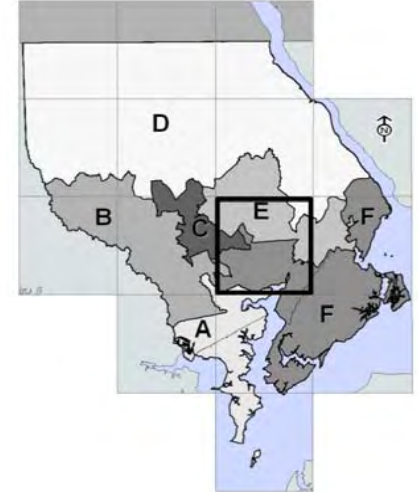
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Belcamp Park Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Belcamp, MD****P104109****PROJECT DESCRIPTION / JUSTIFICATION:**

Belcamp Park includes baseball/softball diamonds and athletic fields to serve the Belcamp Recreation Council. This Council has limited facilities with only one elementary school and two parks. Lighting of one of the athletic fields would significantly improve usability of the field for games and practices. Funding will be a combination of developer fee in lieu of funds and County funds. 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:****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	325,000		325,000						325,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	325,000	0	325,000	0	0	0	0	0	325,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000						50,000
R6330 Developer	227,000		227,000						227,000
R6999 Other	48,000		48,000						48,000
			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

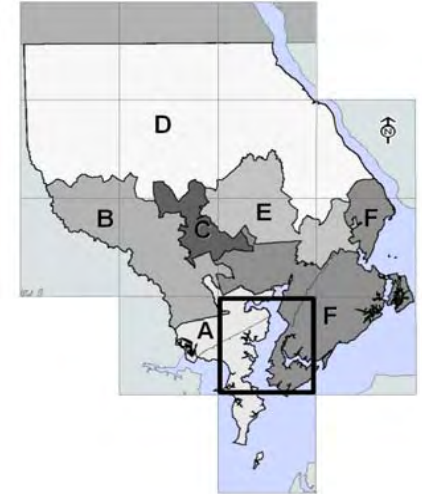
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	251,149
Encumbered	28,307
Total	\$279,456

PROJECT: Bush River Dredging and DMP Site 04**PARKS AND RECREATION****COUNCIL DISTRICT: MULTIPLE****LOCATION: Edgewood, MD****P044121****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.

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

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	215,000		215,000						215,000
Land Acquisition			0						0
Construction	2,680,000		2,680,000						2,680,000
Inspection Fees	135,000		135,000						135,000
Equipment/Furnishing			0						0
Total Cost	3,030,000	0	3,030,000	0	0	0	0	0	3,030,000

FUNDING SCHEDULE

R1515 Recordation Tax	235,000		235,000						235,000
R3399 State Other	2,795,000		2,795,000						2,795,000
			0						0
			0						0
			0						0
			0						0
Total Funds	3,030,000	0	3,030,000	0	0	0	0	0	3,030,000

OPERATING BUDGET IMPACT:

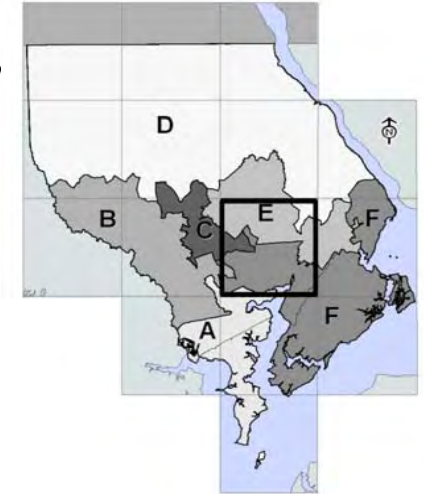
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	2,139,882
Encumbered	0
Total	\$2,139,882

PROJECT: Churchville Complex Development**PARKS AND RECREATION****COUNCIL DISTRICT: E****LOCATION: Churchville, MD****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 design 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 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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: \$450,000

Annual Operating/Maintenance Cost: N/A

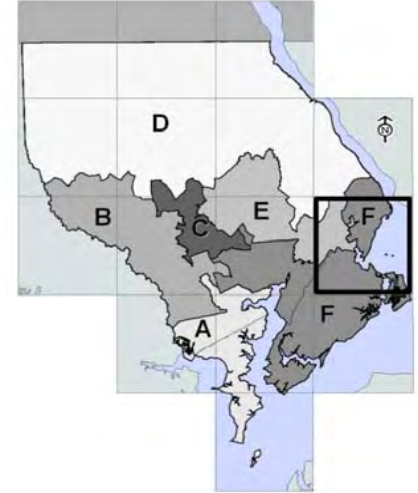
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	3,252,962
Encumbered	50,209
Total	\$3,303,171

PROJECT: David Craig Park Development**PARKS AND RECREATION****COUNCIL DISTRICT: F****LOCATION: Havre de Grace, MD****P134106****PROJECT DESCRIPTION / JUSTIFICATION:**

This project proposes the development of facilities at David Craig Park, a small waterfront park in Havre de Grace. Community efforts have begun to improve the park and FY 2013 funds will be used for initial amenities. Funding may be available from the City of Havre de Grace and the the Department of Natural Resources to assist with this 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:**

Park improvements are 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	75,000		75,000						75,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	75,000	0	75,000	0	0	0	0	0	75,000

FUNDING SCHEDULE

R8750 Paygo	12,904		12,904						12,904
R8089 Reappropriated Paygo	62,096		62,096						62,096
			0						0
			0						0
			0						0
			0						0
Total Funds	75,000	0	75,000	0	0	0	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 3/1/15:

Expended	40,081
Encumbered	0
Total	\$40,081

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.

PROJECT SCHEDULE:

As needed

PROJECT STATUS:

Project is open and ongoing.



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	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 3/1/15:

Expended	0
Encumbered	0
Total	<u>\$0</u>

PROJECT: Fallston Recreation Complex Improvements**PARKS AND RECREATION****COUNCIL DISTRICT: B****LOCATION: Fallston, MD****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.

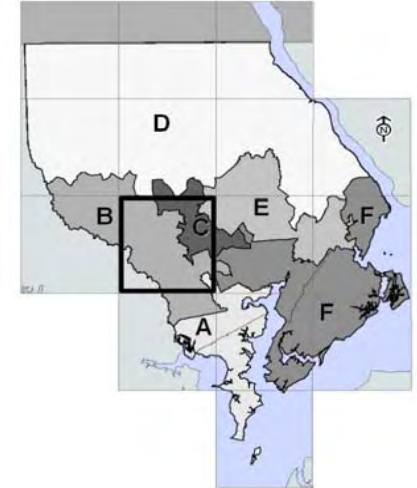
PROJECT SCHEDULE:

FY 14 - Engineering

FY 15 - Construction

PROJECT STATUS:

Project is currently being engineered.

**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	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

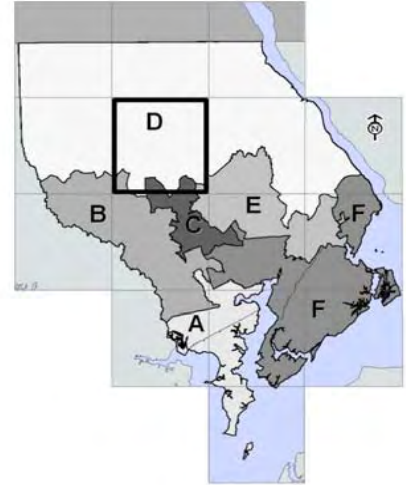
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	15,731
Encumbered	305,110
Total	\$320,841

PROJECT: Jarrettsville Complex Restrooms**PARKS AND RECREATION****COUNCIL DISTRICT: D****LOCATION: Jarrettsville, MD****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 and under warranty

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	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 3/1/15:

Expended	269,499
Encumbered	0
Total	\$269,499

PROJECT: Joppatowne Area Dredging**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****P084123****PROJECT DESCRIPTION / JUSTIFICATION:**

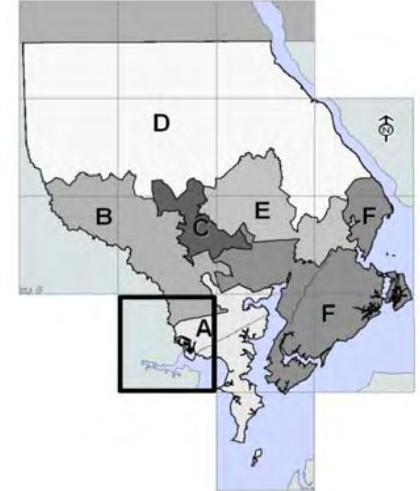
This project funded the dredging of the existing navigation channel in Foster Branch Creek and the waterway around Rumsey Island that took place in December, 2010. The project was a 50% State and 50% locally funded project. The County is responsible for 50% of the final SAV assessment fee. Participation 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:

FY 15: SAV monitoring

PROJECT STATUS:

SAV monitoring 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	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

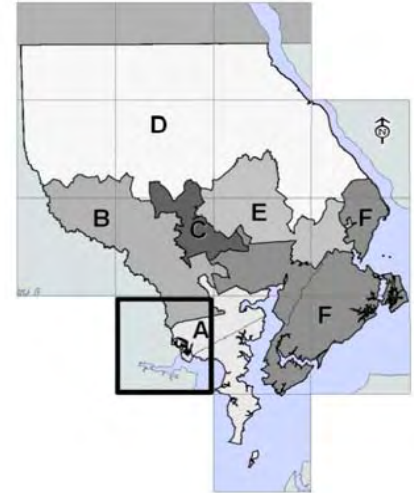
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	409,221
Encumbered	12,652
Total	\$421,873

PROJECT: Mariner Point Park Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****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:****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	340,000		340,000						340,000
Inspection Fees	21,000		21,000						21,000
Equipment/Furnishing			0						0
Total Cost	361,000	0	361,000	0	0	0	0	0	361,000

FUNDING SCHEDULE

R1515 Recordation Tax	62,000		62,000						62,000
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	0	361,000

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	13,605
Encumbered	20,435
Total	\$34,040

PROJECT: McFaul Activity Center Renovations**PARKS AND RECREATION****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****P144125****PROJECT DESCRIPTION / JUSTIFICATION:**

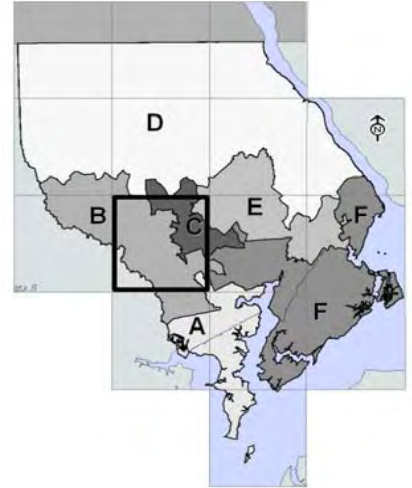
This project proposes further replacement of the roof at the McFaul Activity Center. The roof at the activity center has developed several leaks over its lifetime and is in need of repair and partial replacement, particularly over the office areas in the building. This will prevent further damage to the building.

PROJECT SCHEDULE:

FY 16: Construction

PROJECT STATUS:

Replacement of the roof is underway

**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	25,000		25,000						25,000
Land Acquisition			0						0
Construction	455,000		455,000						455,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R8750 Paygo	242,000		242,000						242,000
R1515 Recordation Tax	258,000		258,000						258,000
			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 3/1/15:

Expended	59,950
Encumbered	17,732
Total	\$77,682

PROJECT: Nuttal Avenue Park Development**PARKS AND RECREATION****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****P094128****PROJECT DESCRIPTION / JUSTIFICATION:**

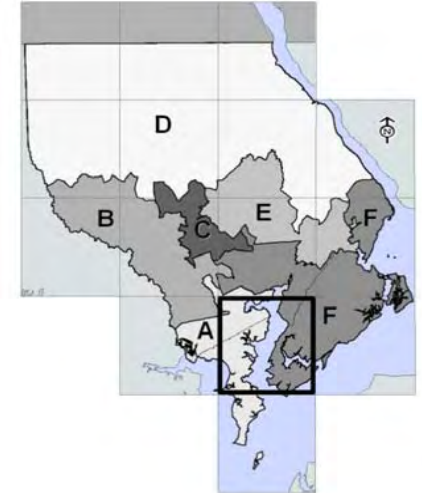
This project proposes the development of passive community amenities, such as trails, a picnic pavilion and amphitheatre on a vacant site. Engineering, including site investigation of remnants of former structures, was initiated in FY 2010. Development of an attractive park site and community attractions 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 16: Construction

PROJECT STATUS:

Design is being modified to address neighborhood concerns.

**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	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

R8089 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 3/1/15:

Expended	33,363
Encumbered	11,657
Total	\$45,020



Eden Mill

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

BRIDGES

FY 16 Funded Projects:

Abingdon Road Bridge #169 over CSX	4,155,000	730,000	300,000	500,000	2,625,000	0	0	0
Bridge and Road Scour Repairs	2,100,000	950,000	150,000	200,000	200,000	200,000	200,000	200,000
Bridge Inspection Program	5,310,000	2,940,000	50,000	650,000	160,000	650,000	160,000	700,000
Bridge Rehabilitation	1,950,000	750,000	200,000	200,000	200,000	200,000	200,000	200,000
Carrs Mill Road Bridge #216	2,245,000	1,995,000	250,000	0	0	0	0	0
Fawn Grove Road Bridge #132	1,085,000	175,000	(165,000)	225,000	50,000	800,000	0	0
Glenville Road Bridge #30	1,320,000	0	250,000	25,000	1,045,000	0	0	0
Jericho Road Bridge	1,530,000	1,500,000	30,000	0	0	0	0	0
Macton Road Bridge #145	990,008	1,086,268	(96,260)	0	0	0	0	0
New Park Road Bridge #125	530,000	175,000	25,000	330,000	0	0	0	0
Phillips Mill Road Bridge #70	1,925,000	400,000	100,000	50,000	0	1,375,000	0	0
Robinson Mill Road Bridge #154	1,385,000	1,265,000	120,000	0	0	0	0	0
Watervale Road Bridge #63	4,155,000	3,380,000	775,000	0	0	0	0	0

Outyear Projects:

Boggs Road Bridge #66	990,000	0	0	0	200,000	20,000	0	770,000
Bridge Painting	600,000	100,000	0	100,000	100,000	100,000	100,000	100,000
Carea Road Bridge #126	420,000	0	0	20,000	0	400,000	0	0
Chestnut Hill Bridge #40	1,120,000	340,000	0	80,000	700,000	0	0	0
Culvert Rehabilitation	4,550,000	4,050,000	0	100,000	100,000	100,000	100,000	100,000
Deep Run Road Bridge #152	735,000	0	0	0	175,000	10,000	0	550,000
Edwards Lane Culvert	950,000	50,000	0	0	0	0	900,000	0
Green Road Bridges #119 & #122	640,000	190,000	0	450,000	0	0	0	0
Johnson Mill Road Bridge #45	620,000	0	0	140,000	10,000	470,000	0	0
Moore's Road Bridge #78	925,000	0	0	0	200,000	25,000	0	700,000
Prospect Road Bridge #217	885,000	225,000	0	0	10,000	0	650,000	0
Scarboro Road Bridge #140	160,000	0	0	0	150,000	0	10,000	0
Snake Lane Bridge #31	795,000	195,000	0	0	600,000	0	0	0
Stafford Road Bridge #24	950,000	200,000	0	750,000	0	0	0	0
Structural Evaluation	670,000	420,000	0	50,000	50,000	50,000	50,000	50,000
West Ring Factory Pedestrian Bridge	500,000	0	0	130,000	20,000	0	350,000	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

BRIDGES

Open Projects:

Bridge Painting	225,000	225,000	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Glen Cove Road Bridge #156	150,000	150,000	0	0	0	0	0	0
Green Road Bridge #119	15,000	15,000	0	0	0	0	0	0
Harford Creamery Road Bridge #104	1,710,000	1,710,000	0	0	0	0	0	0
Hess Road Bridge #82	1,300,000	1,300,000	0	0	0	0	0	0

Bridges Total by Project	50,440,008	27,366,268	1,988,740	4,000,000	6,595,000	4,400,000	2,720,000	3,370,000

Paygo	19,118,557	14,009,817	138,740	780,000	830,000	650,000	2,060,000	650,000
Future Bonds	8,504,000	0	505,000	1,570,000	2,269,000	2,000,000	140,000	2,020,000
Prior Bonds	1,187,268	1,187,268	0	0	0	0	0	0
Reappropriated	573,183	573,183	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	20,577,000	11,116,000	1,345,000	1,650,000	3,496,000	1,750,000	520,000	700,000
Other	480,000	480,000	0	0	0	0	0	0
Developer	0	0	0	0	0	0	0	0

Bridges Total by Fund	50,440,008	27,366,268	1,988,740	4,000,000	6,595,000	4,400,000	2,720,000	3,370,000

ROADWAYS

FY 16 Funded Projects:

Drainage Improvements	1,725,000	1,275,000	(50,000)	100,000	100,000	100,000	100,000	100,000
Guardrails	925,000	325,000	100,000	100,000	100,000	100,000	100,000	100,000
MD 152/Oakmont Road/Port Lane	950,732	550,732	(150,000)	0	0	0	550,000	0
Schucks Road Culvert Replacement	80,000	830,000	(750,000)	0	0	0	0	0
Schucks Road Improvements	437,192	600,000	(162,808)	0	0	0	0	0
Stormdrain Replacement	2,391,231	1,291,231	100,000	200,000	200,000	200,000	200,000	200,000
Wheel Road (Laurel Bush to Fairway)	6,626,226	6,650,000	(23,774)	0	0	0	0	0

Outyear Projects:

Abingdon Road (Box Hill S. Pkwy - I95)	200,000	0	0	0	0	150,000	50,000	0
Bata Boulevard Access Road	600,000	0	0	150,000	0	0	450,000	0
Eden Mill Road	200,000	0	0	200,000	0	0	0	0
Intersection Improvements	2,977,444	2,227,444	0	150,000	150,000	150,000	150,000	150,000
Moore's Mill Road	9,137,113	7,212,113	0	500,000	1,425,000	0	0	0
New Roads and Stormdrains	2,475,000	1,475,000	0	200,000	200,000	200,000	200,000	200,000
Rt. 7 Corridor Study	100,000	0	0	100,000	0	0	0	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

ROADWAYS

Outyear Projects (cont.):

Tollgate Road (W. Ring Factory Rd to Plumtree)	3,936,791	1,486,791	0	2,450,000	0	0	0	0
Tollgate Road - Vale Road Corridor	934,678	184,678	0	100,000	0	650,000	0	0
Traffic Calming, Bicycle and Road Safety Improvements	825,000	450,000	0	75,000	75,000	75,000	75,000	75,000
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)	150,000	0	0	0	100,000	50,000	0	0

Open Projects:

Bel Air Transportation Study	300,000	300,000	0	0	0	0	0	0
Cape Knoll Road Acceptance	150,000	150,000	0	0	0	0	0	0
Carrs Mill Road (MD 152 - Grafton Shop Road)	1,195,000	1,195,000	0	0	0	0	0	0
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
New Roads and Stormdrains 06	1,545,000	1,545,000	0	0	0	0	0	0
New Roads and Stormdrains 02	1,266,740	1,266,740	0	0	0	0	0	0
Thomas Run Road Improvements	550,000	550,000	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	41,137,748	30,774,330	(936,582)	4,375,000	2,400,000	1,725,000	1,925,000	875,000

Paygo	19,177,415	14,338,997	(936,582)	1,325,000	875,000	975,000	1,825,000	775,000
Future Bonds	4,575,000	0	0	2,500,000	1,425,000	650,000	0	0
Prior Bonds	6,985,732	6,985,732	0	0	0	0	0	0
Reappropriated	1,874,601	1,874,601	0	0	0	0	0	0
State	1,950,000	1,500,000	0	450,000	0	0	0	0
Federal	240,000	240,000	0	0	0	0	0	0
Developer	3,895,000	3,395,000	0	100,000	100,000	100,000	100,000	100,000
Other	2,440,000	2,440,000	0	0	0	0	0	0

Roadways Total by Fund	41,137,748	30,774,330	(936,582)	4,375,000	2,400,000	1,725,000	1,925,000	875,000

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

RESURFACING

FY 16 Funded Projects:

Resurfacing Roadways	29,292,842	0	5,292,842	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000

Outyear Projects:

Earth Road Conversion to Hard Surface	1,250,000	0	0	250,000	250,000	250,000	250,000	250,000
Tar and Chip Conversion to Hot Mix	750,000	0	0	0	0	250,000	250,000	250,000

Open Projects:

Resurfacing Roadways 12	4,983,945	4,983,945	0	0	0	0	0	0
Resurfacing Roadways 13	5,640,000	5,640,000	0	0	0	0	0	0
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 Total by Project	54,181,402	22,888,560	5,292,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

Paygo	51,851,787	20,868,945	4,982,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

Developer	200,000	200,000	0	0	0	0	0	0

Reappropriated	2,129,615	1,819,615	310,000	0	0	0	0	0

Resurfacing Total by Fund	54,181,402	22,888,560	5,292,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

OTHER

FY 16 Funded Projects:

APG Gate PILOT	590,000	0	590,000	0	0	0	0	0
Efficiency Capital Investment Project	155,000	130,000	25,000	0	0	0	0	0
Fleet Replacement	12,242,000	5,442,000	1,800,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Safeguarding Business Operations	2,937,450	1,881,200	556,250	250,000	250,000	0	0	0
Sidewalks and Handicapped Ramps	1,530,000	680,000	100,000	150,000	150,000	150,000	150,000	150,000

Outyear Projects:

Equipment Sheds	200,000	0	0	0	100,000	100,000	0	0
Refresh Program	450,500	323,000	0	42,500	42,500	42,500	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, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
<u>HIGHWAYS FUND</u>								
OTHER								
<u>Open Projects (cont.)</u>								
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
Sidewalks	1,375,000	1,375,000	0	0	0	0	0	0
Other Total by Project	25,328,953	15,680,203	3,071,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000
Paygo	23,625,453	14,566,703	2,481,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000
Special Paygo	590,000	0	590,000	0	0	0	0	0
Reappropriated	55,000	55,000	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
State	445,000	445,000	0	0	0	0	0	0
Developer	25,000	25,000	0	0	0	0	0	0
Other	588,500	588,500	0	0	0	0	0	0
Other Total by Fund	25,328,953	15,680,203	3,071,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000
TOTAL HIGHWAYS CAPITAL	171,088,111	96,709,361	9,416,250	14,067,500	15,787,500	12,917,500	11,295,000	10,895,000

FY 16 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	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	300,000	0	0	100,000	0	0	0	0	0	200,000	0	0
Bridge and Road Scour Repairs	150,000	150,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program	50,000	50,000	0	0	0	0	0	0	0	0	0	0
Bridge Rehabilitation	200,000	200,000	0	0	0	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	250,000	0	0	100,000	0	0	0	0	0	150,000	0	0
Fawn Grove Road Bridge #132	(165,000)	(165,000)	0	0	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	250,000	0	0	50,000	0	0	0	0	0	200,000	0	0
Jericho Road Bridge	30,000	0	0	30,000	0	0	0	0	0	0	0	0
Macton Road Bridge #145	(96,260)	(96,260)	0	0	0	0	0	0	0	0	0	0
New Park Road Bridge #125	25,000	0	0	25,000	0	0	0	0	0	0	0	0
Phillips Mill Road Bridge #70	100,000	0	0	50,000	0	0	0	0	0	50,000	0	0
Robinson Mill Road Bridge #154	120,000	0	0	0	0	0	0	0	0	120,000	0	0
Watervale Road Bridge #63	775,000	0	0	150,000	0	0	0	0	0	625,000	0	0

SUB-TOTAL BRIDGES	1,988,740	138,740	0	505,000	0	0	0	0	0	1,345,000	0	0

ROADWAYS

Drainage Improvments	(50,000)	(50,000)	0	0	0	0	0	0	0	0	0	0
Guardrails	100,000	100,000	0	0	0	0	0	0	0	0	0	0
MD 152/Oakmont Road/Port Lane	(150,000)	(150,000)	0	0	0	0	0	0	0	0	0	0
Schucks Road Culvert Replacement	(750,000)	(750,000)	0	0	0	0	0	0	0	0	0	0
Schucks Road Improvements	(162,808)	(162,808)	0	0	0	0	0	0	0	0	0	0
Stormdrain Replacement	100,000	100,000	0	0	0	0	0	0	0	0	0	0
Wheel Road/Laurel Bush to Fairway	(23,774)	(23,774)	0	0	0	0	0	0	0	0	0	0

SUB-TOTAL ROADWAYS	(936,582)	(936,582)	0	0	0	0	0	0	0	0	0	0

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

RESURFACING

Resurfacing Roadways	5,292,842	4,982,842	0	0	310,000	0	0	0	0	0	0	0
SUB-TOTAL RESURFACING	5,292,842	4,982,842	0	0	310,000	0	0	0	0	0	0	0

OTHER

APG Gate Pilot*	590,000	590,000	0	0	0	0	0	0	0	0	0	0
Efficiency Capital Investment Project	25,000	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,800,000	1,800,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	556,250	556,250	0	0	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	100,000	100,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	3,071,250	3,071,250	0	0	0	0	0	0	0	0	0	0

*Paygo funding is dedicated from the PILOT agreement

TOTAL HIGHWAYS FUND CAPITAL	9,416,250	7,256,250	0	505,000	310,000	0	0	0	0	1,345,000	0	0

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HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

BRIDGES

FY 16 Funded Projects:

Abingdon Road Bridge #169 over CSX	4,155,000	730,000	300,000	500,000	2,625,000	0	0	0
Bridge and Road Scour Repairs	2,100,000	950,000	150,000	200,000	200,000	200,000	200,000	200,000
Bridge Inspection Program	5,310,000	2,940,000	50,000	650,000	160,000	650,000	160,000	700,000
Bridge Rehabilitation	1,950,000	750,000	200,000	200,000	200,000	200,000	200,000	200,000
Carrs Mill Road Bridge #216	2,245,000	1,995,000	250,000	0	0	0	0	0
Fawn Grove Road Bridge #132	1,085,000	175,000	(165,000)	225,000	50,000	800,000	0	0
Glenville Road Bridge #30	1,320,000	0	250,000	25,000	1,045,000	0	0	0
Jericho Road Bridge	1,530,000	1,500,000	30,000	0	0	0	0	0
Macton Road Bridge #145	990,008	1,086,268	(96,260)	0	0	0	0	0
New Park Road Bridge #125	530,000	175,000	25,000	330,000	0	0	0	0
Phillips Mill Road Bridge #70	1,925,000	400,000	100,000	50,000	0	1,375,000	0	0
Robinson Mill Road Bridge #154	1,385,000	1,265,000	120,000	0	0	0	0	0
Watervale Road Bridge #63	4,155,000	3,380,000	775,000	0	0	0	0	0

Outyear Projects:

Boggs Road Bridge #66	990,000	0	0	0	200,000	20,000	0	770,000
Bridge Painting	600,000	100,000	0	100,000	100,000	100,000	100,000	100,000
Carea Road Bridge #126	420,000	0	0	20,000	0	400,000	0	0
Chestnut Hill Bridge #40	1,120,000	340,000	0	80,000	700,000	0	0	0
Culvert Rehabilitation	4,550,000	4,050,000	0	100,000	100,000	100,000	100,000	100,000
Deep Run Road Bridge #152	735,000	0	0	0	175,000	10,000	0	550,000
Edwards Lane Culvert	950,000	50,000	0	0	0	0	900,000	0
Green Road Bridges #119 & #122	640,000	190,000	0	450,000	0	0	0	0
Johnson Mill Road Bridge #45	620,000	0	0	140,000	10,000	470,000	0	0
Moores Road Bridge #78	925,000	0	0	0	200,000	25,000	0	700,000
Prospect Road Bridge #217	885,000	225,000	0	0	10,000	0	650,000	0
Scarboro Road Bridge #140	160,000	0	0	0	150,000	0	10,000	0
Snake Lane Bridge #31	795,000	195,000	0	0	600,000	0	0	0
Stafford Road Bridge #24	950,000	200,000	0	750,000	0	0	0	0
Structural Evaluation	670,000	420,000	0	50,000	50,000	50,000	50,000	50,000
West Ring Factory Pedestrian Bridge	500,000	0	0	130,000	20,000	0	350,000	0

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

BRIDGES

Open Projects:

Bridge Painting	225,000	225,000	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Glen Cove Road Bridge #156	150,000	150,000	0	0	0	0	0	0
Green Road Bridge #119	15,000	15,000	0	0	0	0	0	0
Harford Creamery Road Bridge #104	1,710,000	1,710,000	0	0	0	0	0	0
Hess Road Bridge #82	1,300,000	1,300,000	0	0	0	0	0	0
Bridges Total by Project	50,440,008	27,366,268	1,988,740	4,000,000	6,595,000	4,400,000	2,720,000	3,370,000
Paygo	19,118,557	14,009,817	138,740	780,000	830,000	650,000	2,060,000	650,000
Future Bonds	8,504,000	0	505,000	1,570,000	2,269,000	2,000,000	140,000	2,020,000
Prior Bonds	1,187,268	1,187,268	0	0	0	0	0	0
Reappropriated	573,183	573,183	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	20,577,000	11,116,000	1,345,000	1,650,000	3,496,000	1,750,000	520,000	700,000
Other	480,000	480,000	0	0	0	0	0	0
Developer	0	0	0	0	0	0	0	0
Bridges Total by Fund	50,440,008	27,366,268	1,988,740	4,000,000	6,595,000	4,400,000	2,720,000	3,370,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	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	300,000	0	0	100,000	0	0	0	0	0	200,000	0	0
Bridge and Road Scour Repairs	150,000	150,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program	50,000	50,000	0	0	0	0	0	0	0	0	0	0
Bridge Rehabilitation	200,000	200,000	0	0	0	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	250,000	0	0	100,000	0	0	0	0	0	150,000	0	0
Fawn Grove Road Bridge #132	(165,000)	(165,000)	0	0	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	250,000	0	0	50,000	0	0	0	0	0	200,000	0	0
Jericho Road Bridge	30,000	0	0	30,000	0	0	0	0	0	0	0	0
Macton Road Bridge #145	(96,260)	(96,260)	0	0	0	0	0	0	0	0	0	0
New Park Road Bridge #125	25,000	0	0	25,000	0	0	0	0	0	0	0	0
Phillips Mill Road Bridge #70	100,000	0	0	50,000	0	0	0	0	0	50,000	0	0
Robinson Mill Road Bridge #154	120,000	0	0	0	0	0	0	0	0	120,000	0	0
Watervale Road Bridge #63	775,000	0	0	150,000	0	0	0	0	0	625,000	0	0
SUB-TOTAL BRIDGES	1,988,740	138,740	0	505,000	0	0	0	0	0	1,345,000	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, right of way

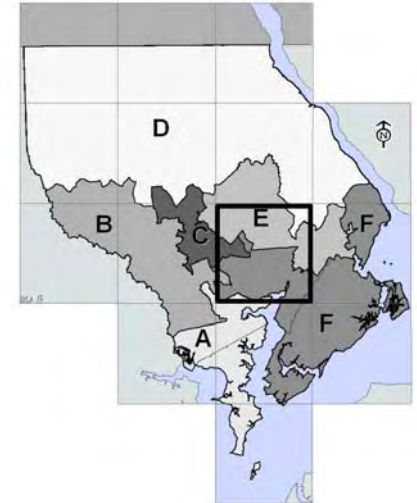
FY 16 - Design and right of way

FY 17 - Utilities

FY 18 - Construction

PROJECT STATUS:

Design is approximately 30% 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	520,000	100,000	620,000						620,000
Land Acquisition	10,000	200,000	210,000						210,000
Construction	200,000		200,000	500,000	2,425,000				3,125,000
Inspection Fees			0		200,000				200,000
Equipment/Furnishing			0						0
Total Cost	730,000	300,000	1,030,000	500,000	2,625,000	0	0	0	4,155,000

FUNDING SCHEDULE

R8750 Paygo	150,762		150,762						150,762
R3140 Federal MAP-21	510,000	200,000	710,000	400,000	2,100,000				3,210,000
R8770 Reappropriated	69,238		69,238						69,238
R7000 Future Bonds		100,000	100,000	100,000	525,000				725,000
			0						0
			0						0
Total Funds	730,000	300,000	1,030,000	500,000	2,625,000	0	0	0	4,155,000

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	237,661
Encumbered	79,254
Total	\$316,915

PROJECT: Bridge & Road Scour Repairs**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****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

PROJECT STATUS:

Various projects are continuously being designed and constructed under this account.

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	75,000	15,000	90,000	15,000	15,000	15,000	15,000	15,000	165,000
Land Acquisition		5,000	5,000	15,000	15,000	20,000	20,000	20,000	95,000
Construction	805,000	115,000	920,000	155,000	155,000	155,000	155,000	155,000	1,695,000
Inspection Fees	70,000	15,000	85,000	15,000	15,000	10,000	10,000	10,000	145,000
Equipment/Furnishing			0						0
Total Cost	950,000	150,000	1,100,000	200,000	200,000	200,000	200,000	200,000	2,100,000

FUNDING SCHEDULE

R8750 Paygo	950,000	150,000	1,100,000	200,000	200,000	200,000	200,000	200,000	2,100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	950,000	150,000	1,100,000	200,000	200,000	200,000	200,000	200,000	2,100,000

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	679,733
Encumbered	8,280
Total	\$688,013

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. The County's DPW maintains 66 structures under 20' long and 155 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:

FY15 - Bridges over 20'

FY16 - Bridges under 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	2,940,000	50,000	2,990,000	650,000	160,000	650,000	160,000	700,000	5,310,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	2,940,000	50,000	2,990,000	650,000	160,000	650,000	160,000	700,000	5,310,000

FUNDING SCHEDULE

R8750 Paygo	380,000	50,000	430,000		160,000		160,000		750,000
R3140 Federal Aid	2,560,000		2,560,000	650,000		650,000		700,000	4,560,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,940,000	50,000	2,990,000	650,000	160,000	650,000	160,000	700,000	5,310,000

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	1,865,719
Encumbered	79,480
Total	<u>\$1,945,199</u>

PROJECT: Bridge Rehabilitation**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	70,000	40,000	110,000	40,000	40,000	40,000	40,000	40,000	310,000
Land Acquisition			0						0
Construction	625,000	150,000	775,000	125,000	125,000	125,000	125,000	125,000	1,400,000
Inspection Fees	55,000	10,000	65,000	35,000	35,000	35,000	35,000	35,000	240,000
Equipment/Furnishing			0						0
Total Cost	750,000	200,000	950,000	200,000	200,000	200,000	200,000	200,000	1,950,000

FUNDING SCHEDULE

R8750 Paygo	750,000	200,000	950,000	200,000	200,000	200,000	200,000	200,000	1,950,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	750,000	200,000	950,000	200,000	200,000	200,000	200,000	200,000	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 3/1/15:

Expended	237,460
Encumbered	17,794
Total	\$255,254

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 serve existing and future populations.

PROJECT SCHEDULE:

FY10/11 - Design

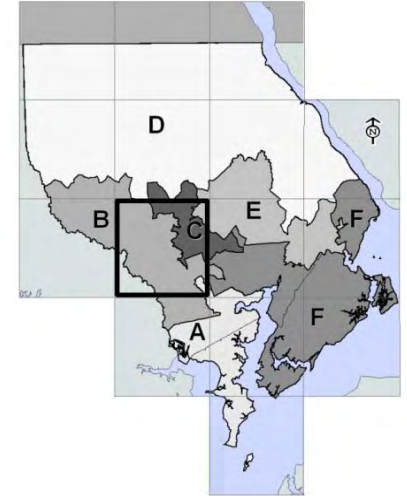
FY12/13- R/W & Permits

FY14/15 - Utilities & Construction

FY 16 - Inspections

PROJECT STATUS:

Design approximately 90% complete. Right of way negotiations have started.

**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	360,000		360,000						360,000
Land Acquisition			0						0
Construction	1,635,000	150,000	1,785,000						1,785,000
Inspection Fees		100,000	100,000						100,000
Equipment/Furnishing			0						0
Total Cost	1,995,000	250,000	2,245,000	0	0	0	0	0	2,245,000

FUNDING SCHEDULE

R8750 Paygo	522,000		522,000						522,000
R3140 Federal Aid	1,473,000	150,000	1,623,000						1,623,000
R7000 Future Bonds		100,000	100,000						100,000
			0						0
			0						0
			0						0
Total Funds	1,995,000	250,000	2,245,000	0	0	0	0	0	2,245,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

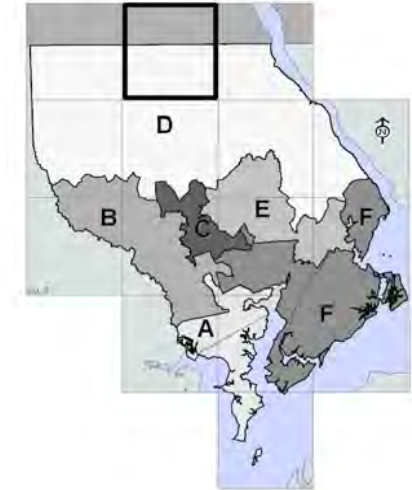
Financial Activity as of 3/1/15:

Expended	371,546
Encumbered	5,895
Total	\$377,441

PROJECT: Fawn Grove Road Bridge #132**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Street****H144502****PROJECT DESCRIPTION / JUSTIFICATION:**

The purpose of this project is to replace the bridge that carries Fawn Gove Road over Falling Branch. 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 to roadways and streams.

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 - Design

FY 16 - R/W & Permits

FY18 - Construction

PROJECT STATUS:

This project is not currently funded.

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	175,000	(165,000)	10,000	225,000					235,000
Land Acquisition			0		50,000				50,000
Construction			0			750,000			750,000
Inspection Fees			0			50,000			50,000
Equipment/Furnishing			0						0
Total Cost	175,000	(165,000)	10,000	225,000	50,000	800,000	0	0	1,085,000

FUNDING SCHEDULE

R8750 Paygo	175,000	(165,000)	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	175,000	(165,000)	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 3/1/15:

Expended	5,467
Encumbered	0
Total	\$5,467

PROJECT: Glenville Road Bridge #30**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Darlington, MD****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.

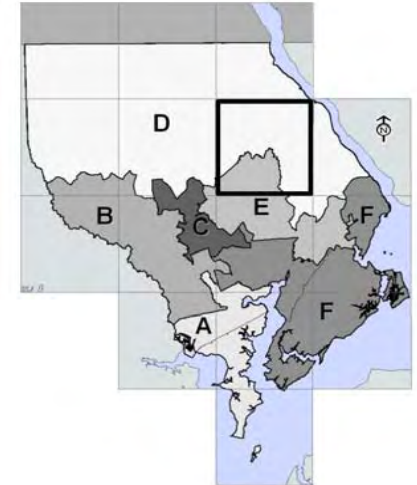
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY 16 - design

FY 17 - right of way

FY 18 - utility relocation and 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		250,000	250,000						250,000
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	0	250,000	250,000	25,000	1,045,000	0	0	0	1,320,000

FUNDING SCHEDULE

R7000 Future Bonds		50,000	50,000	25,000	209,000				284,000
R3140 Federal MAP-21		200,000	200,000		836,000				1,036,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	25,000	1,045,000	0	0	0	1,320,000

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

Expended

Encumbered

Total \$0

PROJECT: Jericho Road Bridge**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: A****LOCATION:****H104503****PROJECT DESCRIPTION / JUSTIFICATION:**

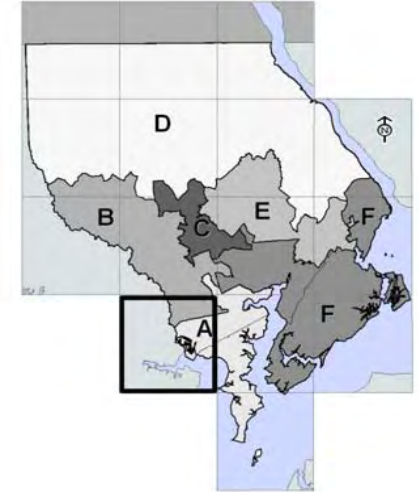
The purpose of this project is to improve & maintain the wooden, covered bridge that carries Jericho Road over the Little Gunpowder Falls. This project is being run by the Baltimore County DPW, but Harford County is required to pay 1/2 of the funding due to the bridge's location on the Baltimore County/Harford County line.

PROJECT SCHEDULE:

FY12 - Design

FY14 - Construction

FY 16 - Construction

**PROJECT STATUS:**

Construction - Summer 2015

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	200,000		200,000						200,000
Land Acquisition			0						0
Construction	1,300,000	30,000	1,330,000						1,330,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,500,000	30,000	1,530,000	0	0	0	0	0	1,530,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R3140 Federal MAP-21	1,300,000		1,300,000						1,300,000
R7000 Future Bonds		30,000	30,000						30,000
			0						0
			0						0
			0						0
Total Funds	1,500,000	30,000	1,530,000	0	0	0	0	0	1,530,000

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	51,299
Encumbered	148,700
Total	\$199,999

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

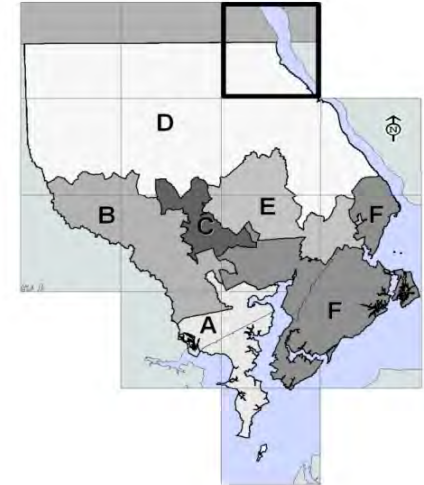
FY09 - Right of way and construction

FY14/15 - Construction

PROJECT STATUS:

Design complete, R/W acquisition complete

Advertise for construction: Winter 2013/14

**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	125,000		125,000						125,000
Land Acquisition	10,000		10,000						10,000
Construction	921,268	(96,260)	825,008						825,008
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost	1,086,268	(96,260)	990,008	0	0	0	0	0	990,008

FUNDING SCHEDULE

R8750 Paygo	270,000	(96,260)	173,740						173,740
R7100 Prior Bonds	816,268		816,268						816,268
			0						0
			0						0
			0						0
			0						0
Total Funds	1,086,268	(96,260)	990,008	0	0	0	0	0	990,008

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$73,338

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	944,735
Encumbered	0
Total	\$944,735

PROJECT: New Park Road Bridge #125**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Street****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. Current plans call for a complete replacement of the existing structure.

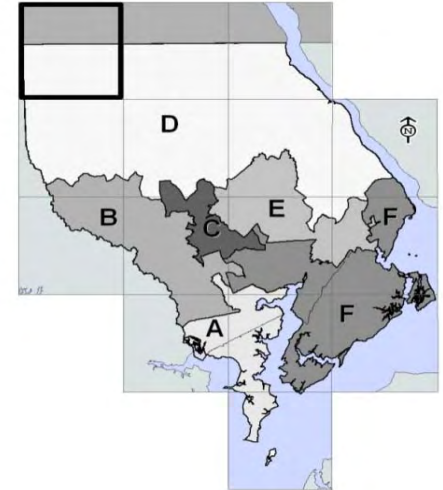
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY14/15 - Design

FY16 - Right of way and utilities

FY17 - Construction

**PROJECT STATUS:**

Design initiated

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	175,000		175,000						175,000
Land Acquisition		25,000	25,000						25,000
Construction			0	300,000					300,000
Inspection Fees			0	30,000					30,000
Equipment/Furnishing			0						0
Total Cost	175,000	25,000	200,000	330,000	0	0	0	0	530,000

FUNDING SCHEDULE

R8750 Paygo	175,000		175,000						175,000
R7000 Future Bonds		25,000	25,000	330,000					355,000
			0						0
			0						0
			0						0
			0						0
Total Funds	175,000	25,000	200,000	330,000	0	0	0	0	530,000

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	6,201
Encumbered	143,998
Total	\$150,199

PROJECT: Phillips Mill Road Bridge #70**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Fallston****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:

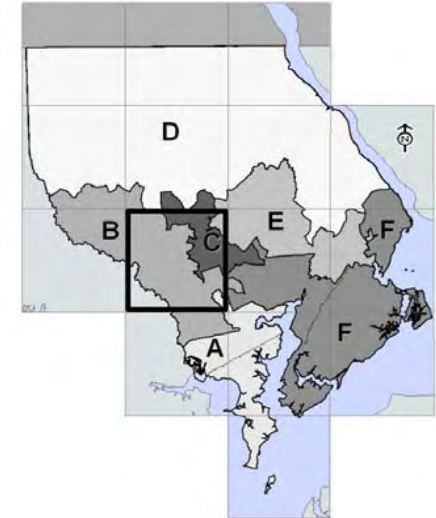
FY14 - FY 16 - Design

FY17 - R/W & Permits

FY19 - Construction

PROJECT STATUS:

Design is approximately 25% 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	390,000	100,000	490,000						490,000
Land Acquisition	10,000		10,000	50,000					60,000
Construction			0			1,300,000			1,300,000
Inspection Fees			0			75,000			75,000
Equipment/Furnishing			0						0
Total Cost	400,000	100,000	500,000	50,000	0	1,375,000	0	0	1,925,000

FUNDING SCHEDULE

R8750 Paygo	130,000		130,000						130,000
R3140 Federal Aid	270,000	50,000	320,000			1,100,000			1,420,000
R7000 Future Bonds		50,000	50,000	50,000		275,000			375,000
			0						0
			0						0
			0						0
Total Funds	400,000	100,000	500,000	50,000	0	1,375,000	0	0	1,925,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

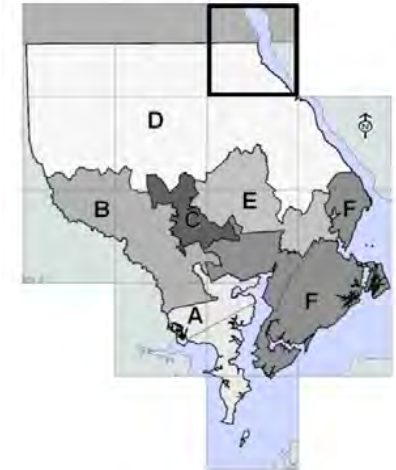
Financial Activity as of 3/1/15:

Expended	175,200
Encumbered	42,276
Total	\$217,476

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 80% complete, right of way acquisitions started.

Advertise for construction in Spring/Summer, 2015

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	125,000		125,000						125,000
Land Acquisition	125,000		125,000						125,000
Construction	1,015,000	120,000	1,135,000						1,135,000
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	1,265,000	120,000	1,385,000	0	0	0	0	0	1,385,000

FUNDING SCHEDULE

R8750 Paygo	415,000		415,000						415,000
R3140 Federal Aid	775,000	120,000	895,000						895,000
R7100 Prior Bonds	75,000		75,000						75,000
			0						0
			0						0
			0						0
Total Funds	1,265,000	120,000	1,385,000	0	0	0	0	0	1,385,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$6,750

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	269,372
Encumbered	2,612
Total	\$271,984

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

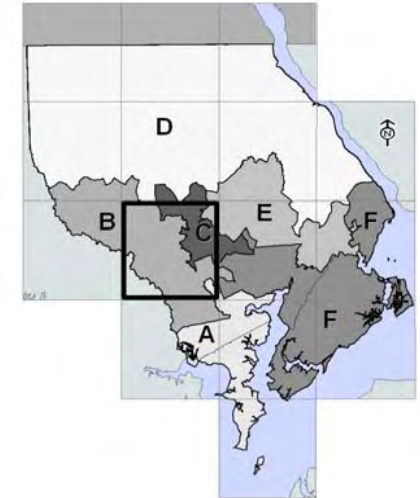
FY13/14: Construction

FY 16: Construction and inspections

PROJECT STATUS:

Currently in design. R/W acquisition proceeding

Construction estimated for Spring/Summer 2015

**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	452,000		452,000						452,000
Land Acquisition	100,000		100,000						100,000
Construction	2,608,000	700,000	3,308,000						3,308,000
Inspection Fees	220,000	75,000	295,000						295,000
Equipment/Furnishing			0						0
Total Cost	3,380,000	775,000	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-21	2,148,000	625,000	2,773,000						2,773,000
R8770 Reappropriated	48,945		48,945						48,945
R7000 Future Bonds		150,000	150,000						150,000
			0						0
			0						0
Total Funds	3,380,000	775,000	4,155,000	0	0	0	0	0	4,155,000

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	986,142
Encumbered	3,518
Total	\$989,660

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: Boggs Road Bridge #66**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Fallston****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:

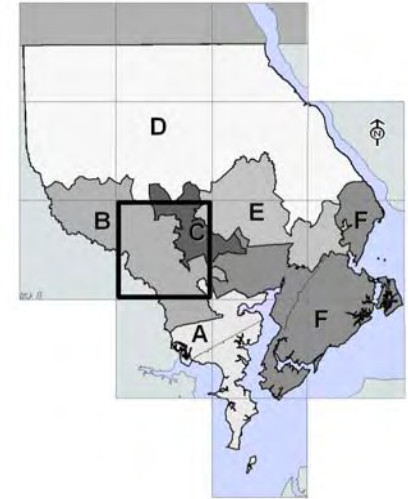
FY18 - Design

FY19 - R/W & Permits

FY21 - Construction

PROJECT STATUS:

This project is not currently funded

**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		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: Countywide****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:

FY 15 - Seven bridges are scheduled for painting

**PROJECT STATUS:**

Various projects are continuously being designed and constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	75,000	75,000	75,000	75,000	75,000	470,000
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	100,000	100,000	100,000	100,000	100,000	600,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000	100,000	100,000	100,000	100,000	100,000	600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	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 3/1/15:

Expended	226
Encumbered	0
Total	\$226

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:

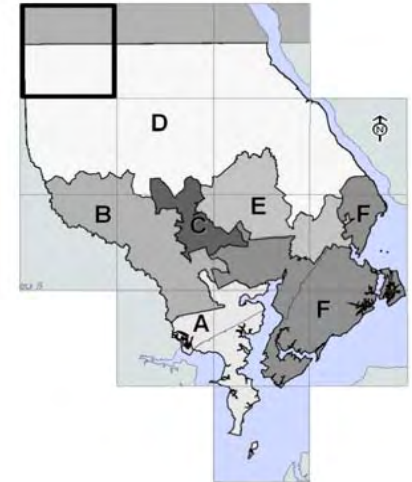
FY16 - Design

FY17 - R/W & Permits

FY19 - Construction

PROJECT STATUS:

This project is not currently funded

**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	20,000					20,000
Construction			0			370,000			370,000
Inspection Fees			0			30,000			30,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	20,000	0	400,000	0	0	420,000

FUNDING SCHEDULE

R7000 Future Bonds			0	20,000		400,000			420,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	20,000	0	400,000	0	0	420,000

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: 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:

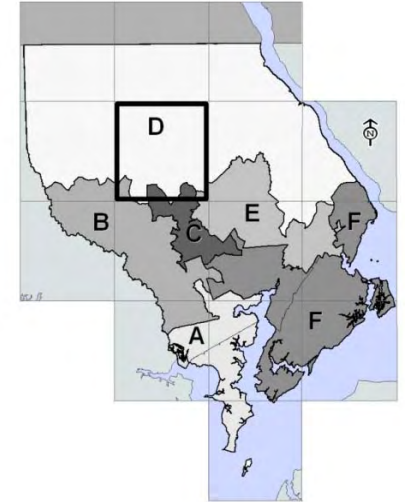
FY13/15 - Design

FY17 - Right of way and permits; utility relocations

FY18 - Construction

PROJECT STATUS:

Design approximately 20% 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	340,000		340,000						340,000
Land Acquisition			0	30,000					30,000
Construction			0	50,000	650,000				700,000
Inspection Fees			0		50,000				50,000
Equipment/Furnishing			0						0
Total Cost	340,000	0	340,000	80,000	700,000	0	0	0	1,120,000

FUNDING SCHEDULE

R8750 Paygo	94,000		94,000						94,000
R3140 Federal Aid	246,000		246,000		560,000				806,000
R7000 Future Bonds			0	80,000	140,000				220,000
			0						0
			0						0
			0						0
Total Funds	340,000	0	340,000	80,000	700,000	0	0	0	1,120,000

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	94,210
Encumbered	24,587
Total	\$118,797

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	505,000		505,000	35,000	35,000	35,000	35,000	35,000	680,000
Land Acquisition	30,000		30,000	5,000	5,000	5,000	5,000	5,000	55,000
Construction	3,180,000		3,180,000	25,000	25,000	25,000	25,000	25,000	3,305,000
Inspection Fees	335,000		335,000	35,000	35,000	35,000	35,000	35,000	510,000
Equipment/Furnishing			0						0
Total Cost	4,050,000	0	4,050,000	100,000	100,000	100,000	100,000	100,000	4,550,000

FUNDING SCHEDULE

R8750 Paygo	3,625,000		3,625,000	100,000	100,000	100,000	100,000	100,000	4,125,000
R8089 Reappropriated Paygo	425,000		425,000						425,000
			0						0
			0						0
			0						0
			0						0
Total Funds	4,050,000	0	4,050,000	100,000	100,000	100,000	100,000	100,000	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

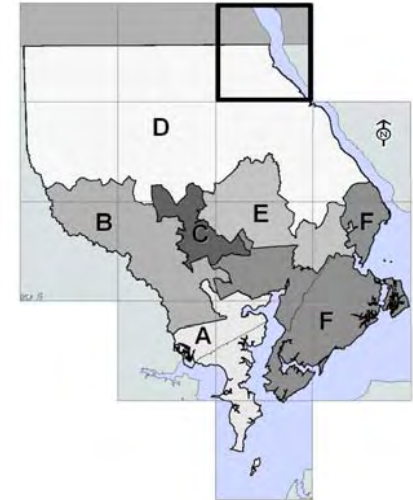
Financial Activity as of 3/1/15:

Expended	3,805,970
Encumbered	13,921
Total	\$3,819,891

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:**

FY18 - Design

FY19 - Right of way and permits

FY20 - Construction

PROJECT STATUS:

Not currently funded.

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		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

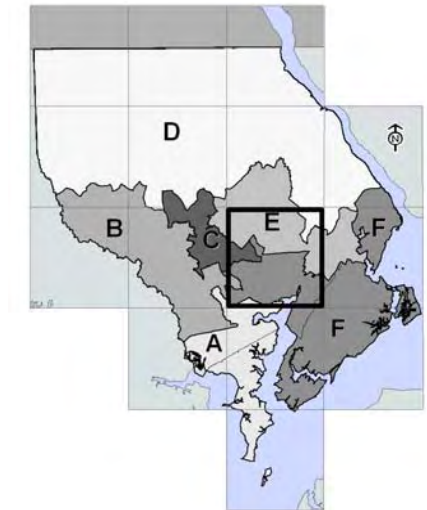
Total \$0

PROJECT: Edwards Lane Culvert**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: E****LOCATION: Various****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

FY 15 - Right of way

FY20 - Construction

PROJECT STATUS:

Design complete - right of way acquired

Construction on hold

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	50,000		50,000						50,000
Construction			0				800,000		800,000
Inspection Fees			0				100,000		100,000
Equipment/Furnishing			0						0
Total Cost	50,000	0	50,000	0	0	0	900,000	0	950,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000				900,000		950,000
			0						0
			0						
			0						
			0						
			0						
Total Funds	50,000	0	50,000	0	0	0	900,000		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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Green Road Bridges #119 & #122**HIGHWAYS - BRIDGES****COUNCIL DISTRICT:****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 in the next several years. 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 structures. Both bridges will be constructed in a single contract.

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:

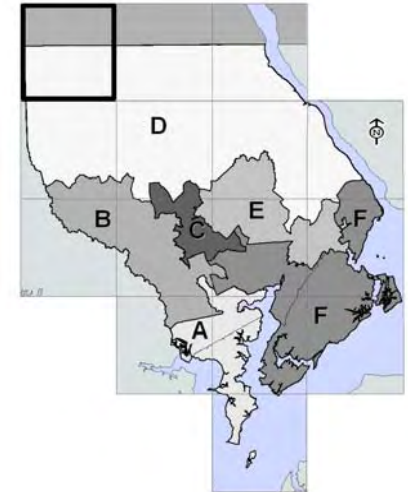
FY12 - Design

FY14 - Right of way and permits

FY17 - Construction

PROJECT STATUS:

Design is complete - right of way acquired; construction on hold.

**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	175,000		175,000						175,000
Land Acquisition			0						0
Construction	15,000		15,000	400,000					415,000
Inspection Fees			0	50,000					50,000
Equipment/Furnishing			0						0
Total Cost	190,000	0	190,000	450,000	0	0	0	0	640,000

FUNDING SCHEDULE

R8750 Paygo	190,000		190,000						190,000
R7000 Future Bonds			0	450,000					450,000
			0						0
			0						0
			0						0
			0						0
Total Funds	190,000	0	190,000	450,000	0	0	0	0	640,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

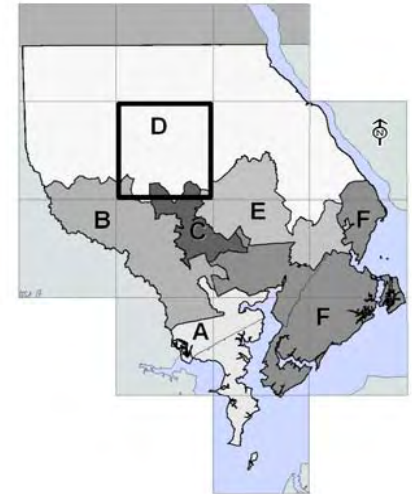
Financial Activity as of 3/1/15:

Expended	113,737
Encumbered	2,033
Total	\$115,770

PROJECT: Johnson Mill Road Bridge #45**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Fallston****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 - Right of way and permits

FY20 - Construction

PROJECT STATUS:

Not currently funded.

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	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	0	0	140,000	10,000	470,000	0	0	620,000

FUNDING SCHEDULE

R7000 Future Bonds			0	140,000	10,000	470,000			620,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	140,000	10,000	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

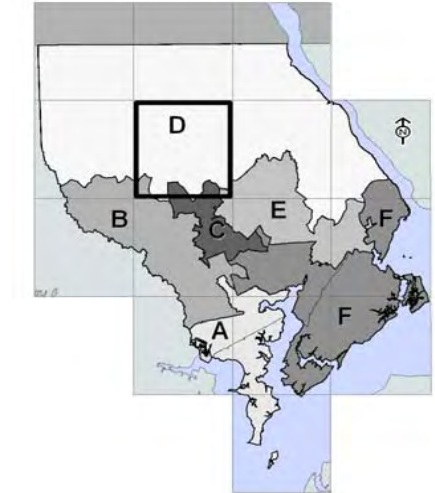
Encumbered

Total \$0

PROJECT: Moores Road Bridge #78**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Jarrettsville****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:**

FY18 - Design

FY19 - R/W & Permits

FY21 - Construction

PROJECT STATUS:

Not currently funded.

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		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

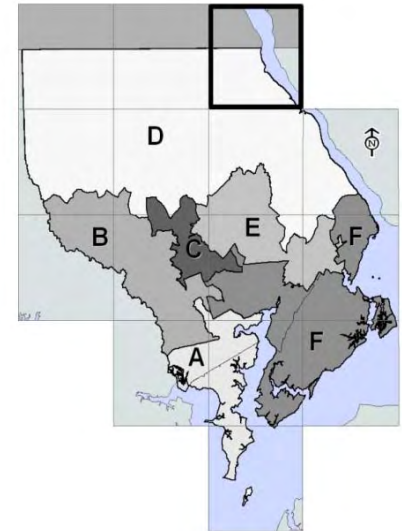
Encumbered

Total \$0

PROJECT: Prospect Road Bridge #217**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Street****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
 FY18 - Right of way and permits
 FY20 - Construction

PROJECT STATUS:

Design to begin Winter, 2014-2015

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	225,000		225,000						225,000
Land Acquisition			0		10,000				10,000
Construction			0				600,000		600,000
Inspection Fees			0				50,000		50,000
Equipment/Furnishing			0						0
Total Cost	225,000	0	225,000	0	10,000	0	650,000	0	885,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000						50,000
R3140 Federal Aid	175,000		175,000				520,000		695,000
R7000 Future Bonds			0		10,000		130,000		140,000
			0						0
			0						0
			0						0
Total Funds	225,000	0	225,000	0	10,000	0	650,000	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 3/1/15:

Expended	3,060
Encumbered	0
Total	\$3,060

PROJECT: Scarboro Road Bridge #140**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Street****New****PROJECT DESCRIPTION / JUSTIFICATION:**

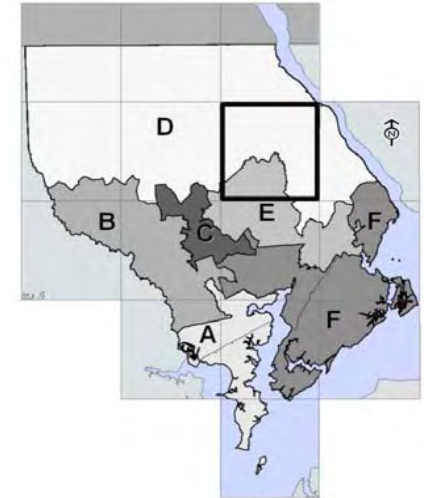
This project is to replace the bridge that carries Scarboro Road over a tributary to Deer Creek. The existing bridge is undersized and has significant deterioration in the deck and beams. The proposed bridge will completely replace the existing structure. This project is consistent with the Master Planning 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

FY 21 - 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			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	0	150,000	0	10,000	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	0	150,000	0	10,000	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.

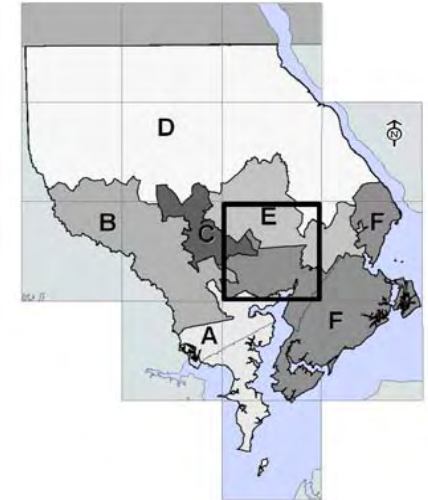
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY09 &14 - Design and engineering

FY10 - Right of way

FY18 - Construction

**PROJECT STATUS:**

Design complete, right of way acquired; construction on hold.

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	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 3/1/15:

Expended	169,740
Encumbered	0
Total	\$169,740

PROJECT: Stafford Road Bridge #24**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Darlington****H154502****PROJECT DESCRIPTION / JUSTIFICATION:**

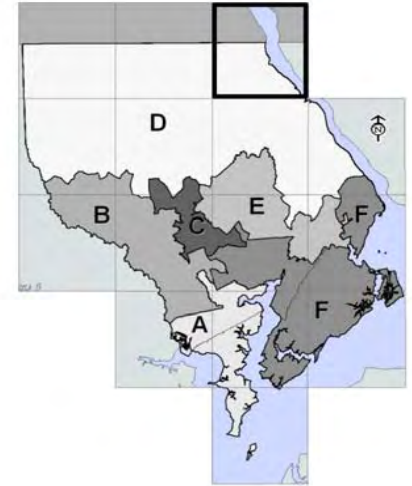
This bridge carries Stafford Road over Deer Creek. The bridge, built in 1950, shows numerous deficiencies and areas of deterioration. The purpose of this project is to rehabilitate the bridge to extend its useful life for another 40 years.

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:

FY 15: Design

FY 17: Construction

**PROJECT STATUS:**

Design initiated.

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	200,000		200,000						200,000
Land Acquisition			0						0
Construction			0	750,000					750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	0	200,000	750,000	0	0	0	0	950,000

FUNDING SCHEDULE

R8750 Paygo	40,000		40,000						40,000
R3140 Federal MAP-21	160,000		160,000	600,000					760,000
R7000 Future Bonds			0	150,000					150,000
			0						0
			0						0
			0						0
Total Funds	200,000	0	200,000	750,000	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 3/1/15:

Expended	2,004
Encumbered	0
Total	\$2,004

PROJECT: Structural Evaluation**HIGHWAYS - BRIDGES****COUNCIL DISTRICT:****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended 309,681

Encumbered 0

Total \$309,681

PROJECT: West Ring Factory Pedestrian Bridge**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Fallston****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to rehabilitate the pedestrian bridge that carries a hiking trail from Harford Glen over Winters Run. This potentially historic truss bridge supports a timber walkway on one side of the bridge. The steel truss, floorbeams, and stringers are quickly deteriorating and need to be repaired or replaced.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

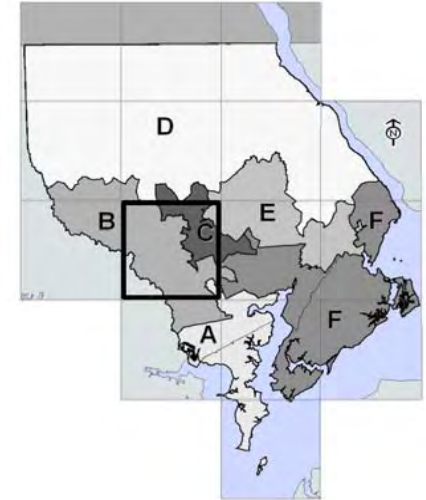
PROJECT SCHEDULE:

FY17 - Design

FY20 - Construction

PROJECT STATUS:

Not currently funded.

**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	130,000					130,000
Land Acquisition			0		20,000				20,000
Construction			0				320,000		320,000
Inspection Fees			0				30,000		30,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	130,000	20,000	0	350,000	0	500,000

FUNDING SCHEDULE

R8750 Paygo			0	130,000	20,000		350,000		500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	130,000	20,000	0	350,000	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

Expended

Encumbered

Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Bridge Painting**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H134501****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:**

This is an ongoing program.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	10,000		10,000						10,000
Land Acquisition			0						0
Construction	200,000		200,000						200,000
Inspection Fees	15,000		15,000						15,000
Equipment/Furnishing			0						0
Total Cost	225,000	0	225,000	0	0	0	0	0	225,000

FUNDING SCHEDULE

R8750 Paygo	225,000		225,000						225,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	225,000	0	225,000	0	0	0	0	0	225,000

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	0
Total	\$0

PROJECT: Bridge Rehabilitation**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****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:**

Ongoing Program

**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	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	2,850,000		2,850,000						2,850,000
			0						0
			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 3/1/15:

Expended	2,797,526
Encumbered	31,368
Total	\$2,828,894

PROJECT: Glen Cove Road Bridge #156**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Darlington****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

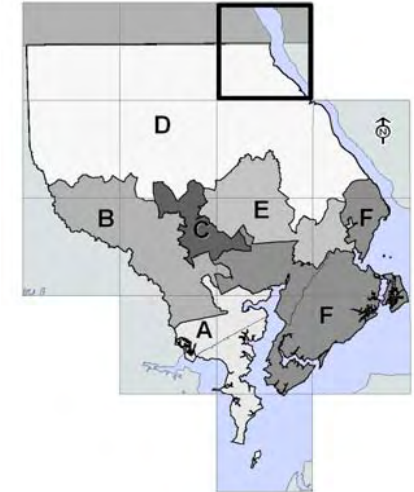
FY13 - R/W

FY14 - R/W, Utility Relocation & Construction

FY16 - Construction

PROJECT STATUS:

Design is nearly complete and r/w acquisition has started.

**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	150,000		150,000						150,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	150,000	0	150,000	0	0	0	0	0	150,000

FUNDING SCHEDULE

R8750 Paygo	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 3/1/15:

Expended	149,999
Encumbered	0
Total	\$149,999

PROJECT: Green Road Bridge #119**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Norrisville****H144503****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to replace the bridge that carries Green Road over a tributary of Deer Creek. The beams, deck, and abutments are deteriorating and need to be replaced in the next several years. The road alignment on the approaches to this structure 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 with Green Road Bridge #122.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

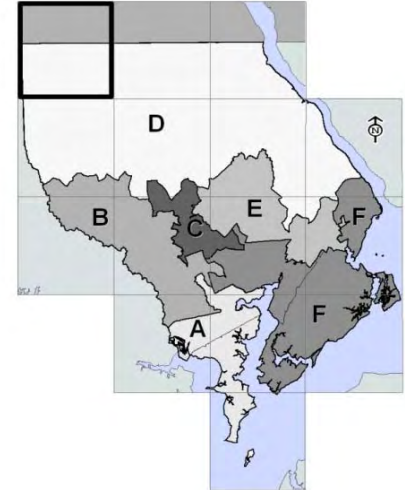
PROJECT SCHEDULE:

FY14 - Design (funds coming from the Structural Evaluation project) / R/W

FY15 - Construction

PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

**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	15,000		15,000						15,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	15,000	0	15,000	0	0	0	0	0	15,000

FUNDING SCHEDULE

R8750 Paygo	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 3/1/15:

Expended	14,999
Encumbered	0
Total	\$14,999

PROJECT: Harford Creamery Road Bridge #104**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: D****LOCATION: Street****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

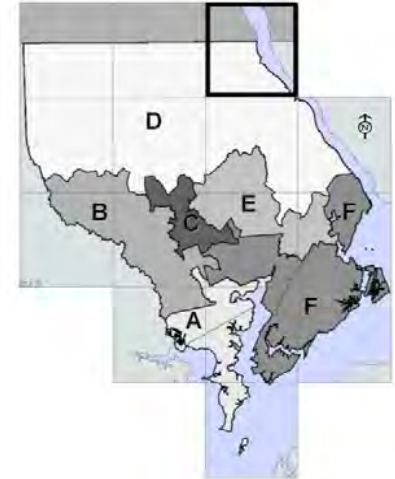
FY08: Right of way & construction

FY13-15: Construction

PROJECT STATUS:

Design complete, R/W Acquisition Complete

Advertise for Construction: Spring / Summer, 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	272,042		272,042						272,042
Land Acquisition	10,000		10,000						10,000
Construction	1,357,958		1,357,958						1,357,958
Inspection Fees	70,000		70,000						70,000
Equip. / Furn.			0						0
Total Cost	1,710,000		1,710,000	0	0	0	0	0	1,710,000

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
			0						0
			0						0
			0						0
Total Funds	1,710,000	0	1,710,000	0	0	0	0	0	1,710,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$13,140

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	1,036,838
Encumbered	482,835
Total	<u>\$1,519,673</u>

PROJECT: Hess Road Bridge #82**HIGHWAYS - BRIDGES****COUNCIL DISTRICT: B****LOCATION: Baldwin****H124501****PROJECT DESCRIPTION / JUSTIFICATION:**

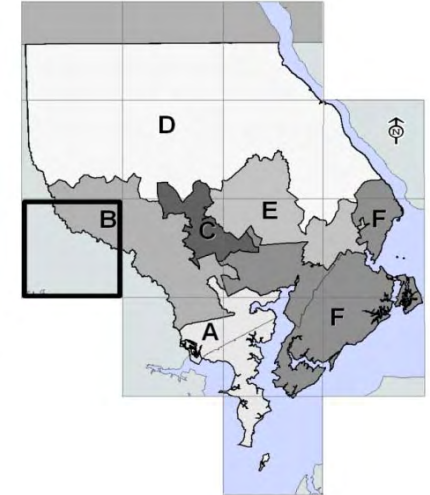
This project is to replace the bridge that carries Hess Road over Yellow Branch. The existing bridge has a deteriorated deck and superstructure. This project will completely replace the existing superstructure and reconstruct the existing abutments. Since the bridge is on Baltimore County/Harford County 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

Advertise for construction: Spring/Summer, 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	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

R3140 Federal TEA-21	340,000	0	340,000						340,000
R6320 Contributions & Donations	480,000		480,000						480,000
R7100 Prior Bonds	150,000		150,000						150,000
R8089 Reappropriated Paygo	30,000		30,000						30,000
R8750 Paygo	300,000		300,000						300,000
			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: \$13,500

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	183,993
Encumbered	292,365
Total	\$476,358

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
HIGHWAYS FUND								
ROADWAYS								
FY 16 Funded Projects:								
Drainage Improvements	1,725,000	1,275,000	(50,000)	100,000	100,000	100,000	100,000	100,000
Guardrails	925,000	325,000	100,000	100,000	100,000	100,000	100,000	100,000
MD 152/Oakmont Road/Port Lane	950,732	550,732	(150,000)	0	0	0	550,000	0
Schucks Road Culvert Replacement	80,000	830,000	(750,000)	0	0	0	0	0
Schucks Road Improvements	437,192	600,000	(162,808)	0	0	0	0	0
Stormdrain Replacement	2,391,231	1,291,231	100,000	200,000	200,000	200,000	200,000	200,000
Wheel Road (Laurel Bush to Fairway)	6,626,226	6,650,000	(23,774)	0	0	0	0	0
Outyear Projects:								
Abingdon Road (Box Hill S. Pkwy - I95)	200,000	0	0	0	0	150,000	50,000	0
Bata Boulevard Access Road	600,000	0	0	150,000	0	0	450,000	0
Eden Mill Road	200,000	0	0	200,000	0	0	0	0
Intersection Improvements	2,977,444	2,227,444	0	150,000	150,000	150,000	150,000	150,000
Moores Mill Road	9,137,113	7,212,113	0	500,000	1,425,000	0	0	0
New Roads and Stormdrains	2,475,000	1,475,000	0	200,000	200,000	200,000	200,000	200,000
Rt. 7 Corridor Study	100,000	0	0	100,000	0	0	0	0
Tollgate Road (W. Ring Factory Rd to Plumtree)	3,936,791	1,486,791	0	2,450,000	0	0	0	0
Tollgate Road - Vale Road Corridor	934,678	184,678	0	100,000	0	650,000	0	0
Traffic Calming, Bicycle and Road Safety Improvements	825,000	450,000	0	75,000	75,000	75,000	75,000	75,000
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)	150,000	0	0	0	100,000	50,000	0	0
Open Projects:								
Bel Air Transportation Study	300,000	300,000	0	0	0	0	0	0
Cape Knoll Road Acceptance	150,000	150,000	0	0	0	0	0	0
Carrs Mill Road (MD 152 - Grafton Shop Road)	1,195,000	1,195,000	0	0	0	0	0	0
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
New Roads and Stormdrains 06	1,545,000	1,545,000	0	0	0	0	0	0
New Roads and Stormdrains 02	1,266,740	1,266,740	0	0	0	0	0	0
Thomas Run Road Improvements	550,000	550,000	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	41,137,748	30,774,330	(936,582)	4,375,000	2,400,000	1,725,000	1,925,000	875,000
Paygo	19,177,415	14,338,997	(936,582)	1,325,000	875,000	975,000	1,825,000	775,000
Future Bonds	4,575,000	0	0	2,500,000	1,425,000	650,000	0	0
Prior Bonds	6,985,732	6,985,732	0	0	0	0	0	0
Reappropriated	1,874,601	1,874,601	0	0	0	0	0	0
State	1,950,000	1,500,000	0	450,000	0	0	0	0
Federal	240,000	240,000	0	0	0	0	0	0
Developer	3,895,000	3,395,000	0	100,000	100,000	100,000	100,000	100,000
Other	2,440,000	2,440,000	0	0	0	0	0	0
Roadways Total by Fund	41,137,748	30,774,330	(936,582)	4,375,000	2,400,000	1,725,000	1,925,000	875,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

ROADWAYS

Drainage Improvments	(50,000)	(50,000)	0	0	0	0	0	0	0	0	0	0
Guardrails	100,000	100,000	0	0	0	0	0	0	0	0	0	0
MD 152/Oakmont Road/Port Lane	(150,000)	(150,000)	0	0	0	0	0	0	0	0	0	0
Schucks Road Culvert Replacement	(750,000)	(750,000)	0	0	0	0	0	0	0	0	0	0
Schucks Road Improvements	(162,808)	(162,808)	0	0	0	0	0	0	0	0	0	0
Stormdrain Replacement	100,000	100,000	0	0	0	0	0	0	0	0	0	0
Wheel Road/Laurel Bush to Fairway	(23,774)	(23,774)	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	(936,582)	(936,582)	0	0	0	0	0	0	0	0	0	0

PROJECT: Drainage Improvements**HIGHWAYS - ROADS****COUNCIL DISTRICT:****LOCATION: Countywide****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:

This is an ongoing program.

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	70,000		70,000	20,000	20,000	20,000	20,000	20,000	170,000
Land Acquisition	22,250		22,250						22,250
Construction	1,095,000	(50,000)	1,045,000	65,000	65,000	65,000	65,000	65,000	1,370,000
Inspection Fees	87,750		87,750	15,000	15,000	15,000	15,000	15,000	162,750
Equipment/Furnishing			0						0
Total Cost	1,275,000	(50,000)	1,225,000	100,000	100,000	100,000	100,000	100,000	1,725,000

FUNDING SCHEDULE

R8750 Paygo	1,275,000	(50,000)	1,225,000	100,000	100,000	100,000	100,000	100,000	1,725,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,275,000	(50,000)	1,225,000	100,000	100,000	100,000	100,000	100,000	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 3/1/15:

Expended	1,039,870
Encumbered	0
Total	\$1,039,870

PROJECT: Guardrails

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

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

PROJECT STATUS:

Ongoing

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	25,000	10,000	35,000	10,000	10,000	10,000	10,000	10,000	85,000
Land Acquisition			0						0
Construction	285,000	85,000	370,000	85,000	85,000	85,000	85,000	85,000	795,000
Inspection Fees	15,000	5,000	20,000	5,000	5,000	5,000	5,000	5,000	45,000
Equipment/Furnishing			0						0
Total Cost	325,000	100,000	425,000	100,000	100,000	100,000	100,000	100,000	925,000

FUNDING SCHEDULE

R8750 Paygo	325,000	100,000	425,000	100,000	100,000	100,000	100,000	100,000	925,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	325,000	100,000	425,000	100,000	100,000	100,000	100,000	100,000	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 3/1/15:

Expended	257,739
Encumbered	0
Total	<u>\$257,739</u>

PROJECT: MD152/Oakmont Road/Port Lane**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Bel Air****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 Recreation 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 & MD 152. The traffic signal is complete, access into the Brandywine Subdivision awaiting final design, R/W, and construction.

PROJECT SCHEDULE:

FY11 - Design & R/W

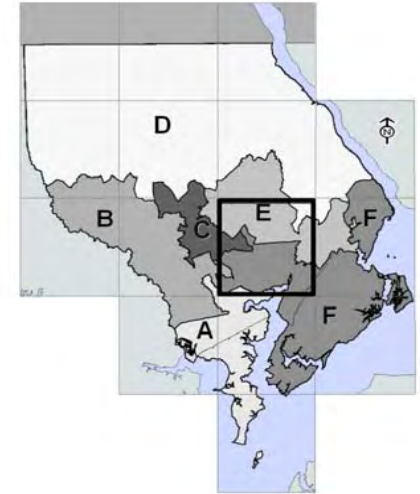
FY 15 - \$400,000 was reappropriated from MD 152/Oakmont to Resurfacing

FY 16 - \$150,000 was reappropriated to Resurfacing

FY 20 - Construction

PROJECT STATUS:

Currently not funded. Design is complete. Unable to acquire right of way.

**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	75,000		75,000						75,000
Land Acquisition	200,000		200,000						200,000
Construction	275,732	(150,000)	125,732				500,000		625,732
Inspection Fees			0				50,000		50,000
Equipment/Furnishing			0						0
Total Cost	550,732	(150,000)	400,732	0	0	0	550,000	0	950,732

FUNDING SCHEDULE

R8750 Paygo	550,000	(150,000)	400,000				550,000		950,000
R7100 Prior Bonds	732		732						732
			0						0
			0						0
			0						0
			0						0
Total Funds	550,732	(150,000)	400,732	0	0	0	550,000	0	950,732

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$66

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	117,666
Encumbered	1,943
Total	\$119,609

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 project and, due to the size of this project, the construction phase has been placed in its own capital project. Existing funds in the Schucks Road Improvement project(H064503 - \$200,000) and the Road Resurfacing project (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:

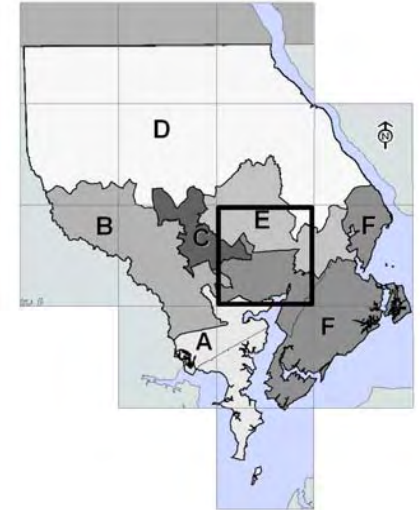
FY10 - Design

FY12 / 15 Construction

PROJECT STATUS:

Design complete - acquiring right of way

Construction advertisement - Summer, 2014

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appropriation	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	745,000	(740,000)	5,000						5,000
Inspection Fees	85,000	(10,000)	75,000						75,000
Equipment/Furnishing			0						0
Total Cost	830,000	(750,000)	80,000	0	0	0	0	0	80,000

FUNDING SCHEDULE

R8750 Paygo	830,000	(750,000)	80,000						80,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	830,000	(750,000)	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 3/1/15:

Expended	22,413
Encumbered	0
Total	\$22,413

PROJECT: Schucks Road Improvements**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****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 project and, due to the size of this project, the construction phase has been placed in its own capital project. Existing funds in the Schucks Road Improvement project (H064503 - \$200,000) and the Road Resurfacing project (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:

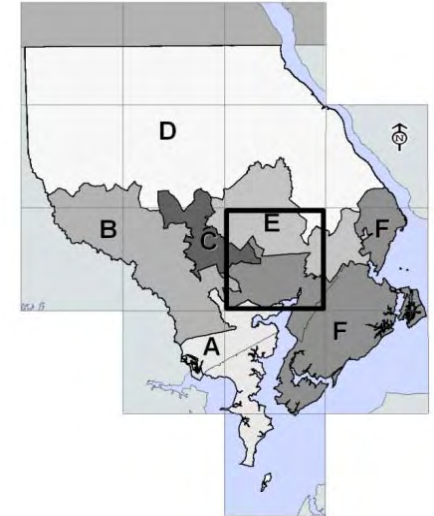
FY10/12 - Design

FY14/15 - Construction

PROJECT STATUS:

Design complete - seven out of eight right of ways have been acquired

Construction advertisement - spring/summer of 2015 (dependent on acquisition of all right of ways)

**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	15,000		15,000						15,000
Construction	540,000	(162,808)	377,192						377,192
Inspection Fees	45,000		45,000						45,000
Equipment/Furnishing			0						0
Total Cost	600,000	(162,808)	437,192	0	0	0	0	0	437,192

FUNDING SCHEDULE

R8750 Paygo	600,000	(162,808)	437,192						437,192
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	(162,808)	437,192	0	0	0	0	0	437,192

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 10/31/14:

Expended	137,192
Encumbered	0
Total	\$137,192

PROJECT: Stormdrain Replacement**HIGHWAYS - ROADS****COUNCIL DISTRICT:****LOCATION: Countywide****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:

This program is ongoing.

**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	255,000	5,000	260,000	30,000	30,000	30,000	35,000	35,000	420,000
Land Acquisition			0						0
Construction	936,231	90,000	1,026,231	130,000	130,000	130,000	125,000	125,000	1,666,231
Inspection Fees	100,000	5,000	105,000	40,000	40,000	40,000	40,000	40,000	305,000
Equipment/Furnishing			0						0
Total Cost	1,291,231	100,000	1,391,231	200,000	200,000	200,000	200,000	200,000	2,391,231

FUNDING SCHEDULE

R8750 Paygo	1,291,231	100,000	1,391,231	200,000	200,000	200,000	200,000	200,000	2,391,231
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,291,231	100,000	1,391,231	200,000	200,000	200,000	200,000	200,000	2,391,231

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 3/1/15:

Expended	1,167,074
Encumbered	67,983
Total	\$1,235,057

PROJECT: Wheel Road (Laurel Bush to Fairway)**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Bel Air****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.

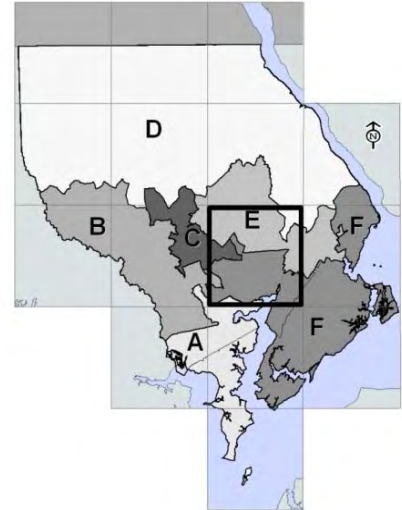
PROJECT SCHEDULE:

FY11 - Construction

FY15 - Transferred \$600,000 to Resurfacing Roadways capital project

PROJECT STATUS:

Construction Phase 2B - 50% 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	320,000		320,000						320,000
Land Acquisition	700,000		700,000						700,000
Construction	5,280,000	(23,774)	5,256,226						5,256,226
Inspection Fees	350,000		350,000						350,000
Equipment/Furnishing			0						0
Total Cost	6,650,000	(23,774)	6,626,226	0	0	0	0	0	6,626,226

FUNDING SCHEDULE

R8750 Paygo	900,000	(23,774)	876,226						876,226
R3350 State Highways & Streets	1,500,000		1,500,000						1,500,000
R6999 Other	2,685,000		2,685,000						2,685,000
R8770 Reappropriated	1,565,000		1,565,000						1,565,000
Total Funds	6,650,000	(23,774)	6,626,226	0	0	0	0	0	6,626,226

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$236,901

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	6,275,383
Encumbered	258,829
Total	\$6,534,212

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: Abingdon Road (Box Hill S. Pkwy - I95)**HIGHWAYS - ROADS****COUNCIL DISTRICT: F****LOCATION: Abingdon****New****PROJECT DESCRIPTION / JUSTIFICATION:**

Abingdon Road between existing Box Hill South Pkwy and I-95 is to be improved to adequately handle existing and projected traffic loads. The road will be widened with turn lanes and sidewalk installed. This will improve safety and pedestrian access from the commercial areas near MD 924 to the residential communities to the east. The section of road from MD 924 to Box Hill S. Pkwy is completed. The remaining sections are scheduled for the outyears.

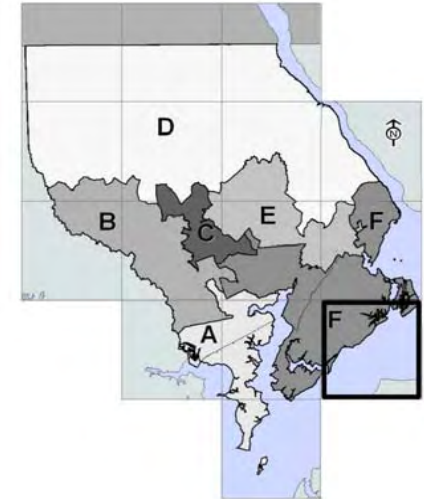
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY19 - Design

FY20 - R/W

Outyears - 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			0			150,000			150,000
Land Acquisition			0				50,000		50,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost			0			150,000	50,000		200,000

FUNDING SCHEDULE

R8750 Paygo			0			150,000	50,000		200,000
			0						
			0						
			0						
			0						
			0						0
Total Funds	0	0	0	0	0	150,000	50,000	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

Expended

Encumbered

Total \$0

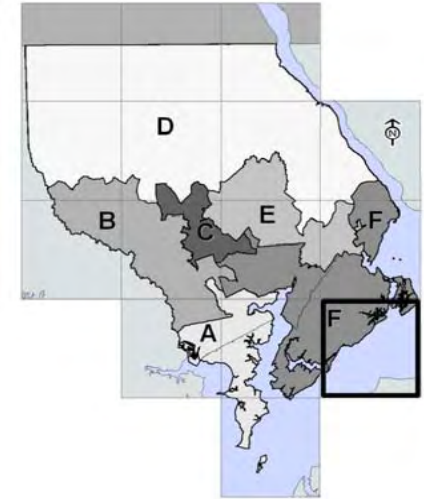
PROJECT: Bata Blvd. Access Road**HIGHWAYS - ROADS****COUNCIL DISTRICT: F****LOCATION: Riverside****New****PROJECT DESCRIPTION / JUSTIFICATION:**

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:**

FY 17 - design

FY 20 - construction

PROJECT STATUS:

This project is not currently funded.

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	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

R8750 Paygo			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: Eden Mill Road

HIGHWAYS - ROADS

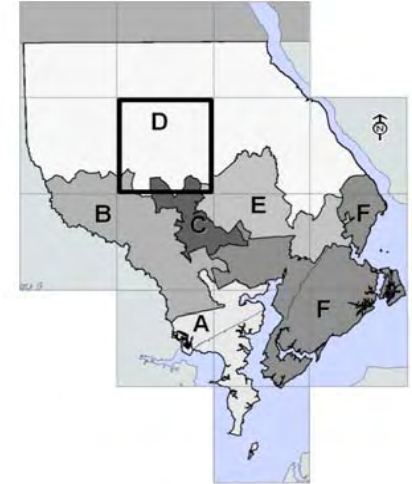
COUNCIL DISTRICT: D

LOCATION: Norrisville

New

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide funding to convert a portion of Eden Mill Road from a dirt road to tar and chip resurfacing to prevent runoff into Deer Creek.



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			0	200,000					200,000
Total Cost	0	0	0	200,000	0	0	0	0	200,000

FUNDING SCHEDULE

R8750 Paygo			0	200,000					200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	200,000	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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

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:**

Ongoing Program

PROJECT STATUS:

Ongoing Program

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	200,000		200,000	15,000	15,000	15,000	15,000	15,000	275,000
Land Acquisition	70,000		70,000						70,000
Construction	1,787,444		1,787,444	105,000	105,000	105,000	105,000	105,000	2,312,444
Inspection Fees	170,000		170,000	30,000	30,000	30,000	30,000	30,000	320,000
Equipment/Furnishing			0						0
Total Cost	2,227,444	0	2,227,444	150,000	150,000	150,000	150,000	150,000	2,977,444

FUNDING SCHEDULE

R8750 Paygo	1,777,444		1,777,444	150,000	150,000	150,000	150,000	150,000	2,527,444
R8089 Reappropriated Paygo	200,000		200,000						200,000
R6330 Developer	250,000		250,000						250,000
			0						0
			0						0
			0						0
Total Funds	2,227,444	0	2,227,444	150,000	150,000	150,000	150,000	150,000	2,977,444

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	1,630,602
Encumbered	0
Total	\$1,630,602

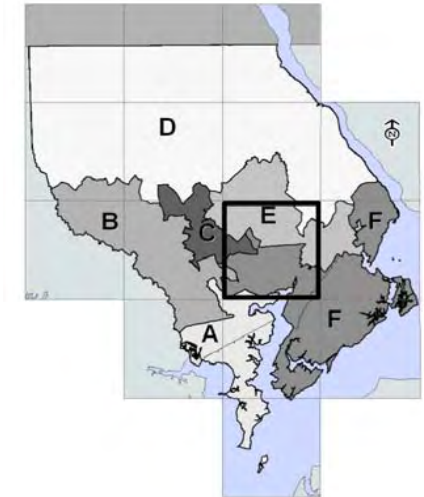
PROJECT: Moores Mill Road**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Bel Air****H984519****PROJECT DESCRIPTION / JUSTIFICATION:**

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.

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

**PROJECT STATUS:**

Phase 2 - Design complete, R/W and Utility Relocations, Construction: 75% complete

Phase 3 - Design complete, R/W 95% 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	221,000		221,000						221,000
Land Acquisition	550,000		550,000						550,000
Construction	6,141,113		6,141,113	500,000	1,350,000				7,991,113
Inspection Fees	300,000		300,000		75,000				375,000
Equipment/Furnishing			0						0
Total Cost	7,212,113	0	7,212,113	500,000	1,425,000	0	0	0	9,137,113

FUNDING SCHEDULE

R8750 Paygo	2,012,113		2,012,113						2,012,113
R7100 Prior Bonds	4,300,000		4,300,000						4,300,000
R6999 Other	856,708		856,708						856,708
R6340 Corporate/Business	43,292		43,292						43,292
R7000 Future Bonds			0	500,000	1,425,000				1,925,000
			0						0
Total Funds	7,212,113	0	7,212,113	500,000	1,425,000	0	0	0	9,137,113

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$371,766

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	5,302,968
Encumbered	713,875
Total	\$6,016,843

PROJECT: New Roads and Stormdrains**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****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:**

Ongoing

PROJECT STATUS:

Ongoing program

EXPENDITURE SCHEDULE

Cost Elements	Prior	FY 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
	Appropriation			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	35,000		35,000	5,000	5,000	5,000	5,000	5,000	60,000
Land Acquisition	100,000		100,000						100,000
Construction	1,300,000		1,300,000	175,000	175,000	175,000	175,000	175,000	2,175,000
Inspection Fees	40,000		40,000	20,000	20,000	20,000	20,000	20,000	140,000
Equipment/Furnishing			0						0
Total Cost	1,475,000	0	1,475,000	200,000	200,000	200,000	200,000	200,000	2,475,000

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		1,200,000	100,000	100,000	100,000	100,000	100,000	1,700,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,475,000	0	1,475,000	200,000	200,000	200,000	200,000	200,000	2,475,000

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 3/1/15:

Expended	39,230
Encumbered	0
Total	\$39,230

PROJECT: Rt. 7 Corridor Study

HIGHWAYS - ROADS

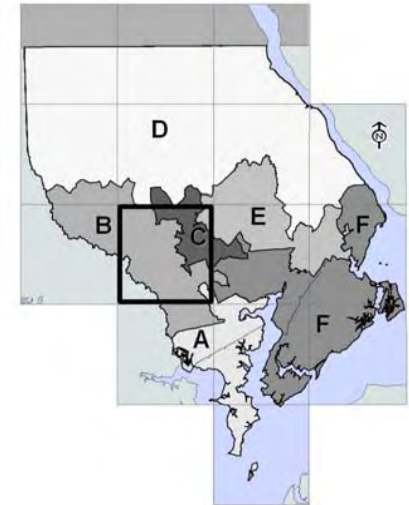
COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

New

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide funding for a study on traffic flow of the Rt. & Corridor. This study will be conducted in cooperation with County, State and Developers.



PROJECT SCHEDULE:

PROJECT STATUS:

New

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	100,000					100,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	100,000	0	0	0	0	100,000

FUNDING SCHEDULE

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

Expended
Encumbered
Total \$0

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.

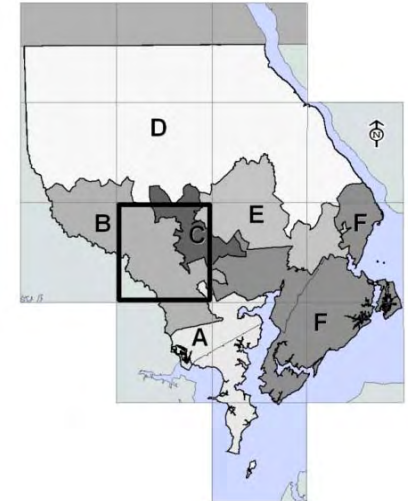
PROJECT SCHEDULE:

FY14 - utility relocation & construction

FY 17 - construction

PROJECT STATUS:

Design is complete; right of way acquired. Construction on hold.

**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	190,000		190,000						190,000
Land Acquisition	275,000		275,000						275,000
Construction	831,791		831,791	2,300,000					3,131,791
Inspection Fees	190,000		190,000	150,000					340,000
Equipment/Furnishing			0						0
Total Cost	1,486,791	0	1,486,791	2,450,000	0	0	0	0	3,936,791

FUNDING SCHEDULE

R8750 Paygo	1,486,791		1,486,791						1,486,791
R3350 State Highways & Streets			0	450,000					450,000
R7000 Future Bonds			0	2,000,000					2,000,000
			0						0
			0						0
			0						0
Total Funds	1,486,791	0	1,486,791	2,450,000	0	0	0	0	3,936,791

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	1,464,819
Encumbered	0
Total	\$1,464,819

PROJECT: Tollgate Road - Vale Road Corridor**HIGHWAYS - ROADS****COUNCIL DISTRICT: B****LOCATION: Bel Air/Fallston****H014503****PROJECT DESCRIPTION / JUSTIFICATION:**

The Tollgate Road - Vale Road corridor between Rt. 1 (Business) and Carrs Mill Road is to be improved to adequately handle existing and projected traffic volumes. The project, approximately 6,800' long, will improve the roadway section and safety of Vale and Tollgate Roads, which carry heavy volumes from subdivisions to the west of Bel Air to the Central Business District in Bel Air. Phase 1 is to realign the "S" curve near the intersection of Jenny Road. Additional phases are in the outyears.

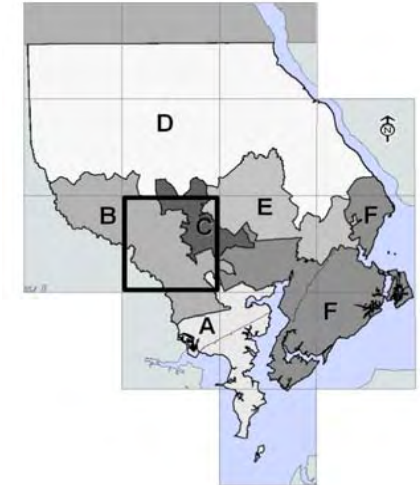
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY14 - phase 1 design

FY16 - phase 1 construction

Outyears - phase 2 design and construction

**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	10,678		10,678	100,000					110,678
Land Acquisition	174,000		174,000						174,000
Construction			0			600,000			600,000
Inspection Fees			0			50,000			50,000
Equipment/Furnishing			0						0
Total Cost	184,678	0	184,678	100,000	0	650,000	0	0	934,678

FUNDING SCHEDULE

R8750 Paygo	184,678		184,678	100,000					284,678
R7000 Future Bonds			0			650,000			650,000
			0						0
			0						0
			0						0
			0						0
Total Funds	184,678	0	184,678	100,000	0	650,000	0	0	934,678

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 184,678

Encumbered 0

Total \$184,678

PROJECT: Traffic Calming, Bicycle & Road Safety Improvements**HIGHWAYS - ROADS****COUNCIL DISTRICT:****LOCATION: Countywide****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:

This is an ongoing program.

**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	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	45,000	45,000	45,000	45,000	45,000	585,000
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	75,000	75,000	75,000	75,000	75,000	825,000

FUNDING SCHEDULE

R8750 Paygo	450,000		450,000	75,000	75,000	75,000	75,000	75,000	825,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	450,000	0	450,000	75,000	75,000	75,000	75,000	75,000	825,000

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	301,428
Encumbered	0
Total	\$301,428

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:

This is an ongoing program.

**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	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

R8089 Reappropriated Paygo	109,601		109,601						109,601
R8750 Paygo			0	50,000	50,000	50,000	50,000	50,000	250,000
			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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Trimble Road (Joppa Road to Garnett Drive)**HIGHWAYS - ROADS****COUNCIL DISTRICT: A****LOCATION: Joppatowne****New****PROJECT DESCRIPTION / JUSTIFICATION:**

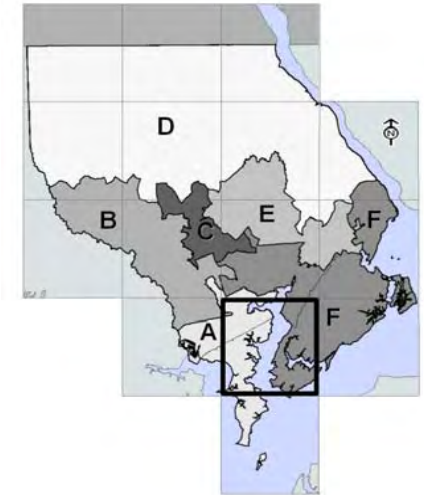
As the Joppatowne community continues to grow, Trimble Road is experiencing increasing traffic volumes. This project will investigate the need for safety and capacity improvements along the segment from Joppa Road to Garnett Drive.

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 - Engineering

FY18 - Right of way

**PROJECT STATUS:**

This project is currently funded.

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		100,000				100,000
Land Acquisition			0			50,000			50,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	100,000	50,000	0	0	150,000

FUNDING SCHEDULE

R8750 Paygo			0		100,000	50,000			150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	100,000	50,000	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

OPEN/ACTIVE PROJECTS

PROJECT: Bel Air Area Transportation Study**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Bel Air****H154503****PROJECT DESCRIPTION / JUSTIFICATION:**

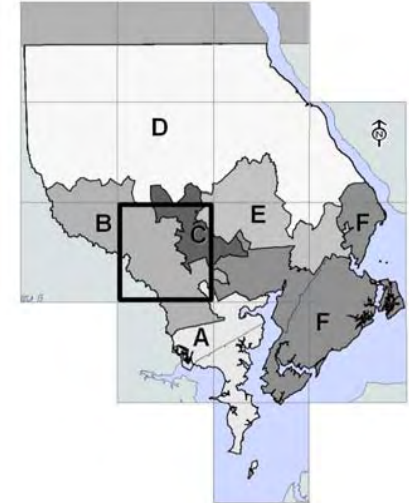
This project is to perform a traffic and safety analysis on MD 22, US 1 (Business) and MD 24 between MD 543 and Tollgate Road to the east/west and MacPhail Road to US 1 Bypass to the north/south. The study will include an existing conditions analysis, a no-build analysis, and a future conditions analysis 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:**

New

**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	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	20,000		20,000						20,000
R6320 Contributions & Donations	40,000		40,000						40,000
R3199 Federal Other	240,000		240,000						240,000
			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 3/1/15:

Expended	129,898
Encumbered	94,615
Total	\$224,513

PROJECT: Cape Knoll Road Acceptance

HIGHWAYS - ROADS

COUNCIL DISTRICT: A

LOCATION: Joppa, MD

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 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	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 3/1/15:

Expended	108,273
Encumbered	0
Total	<u>\$108,273</u>

PROJECT: Carrs Mill Road (MD152 - Grafton Shop Road)**HIGHWAYS - ROADS****COUNCIL DISTRICT: B****LOCATION: Fallston****H994503****PROJECT DESCRIPTION / JUSTIFICATION:**

Carrs Mill Road between MD 152 and Grafton Shop Road is to be improved to adequately handle existing and projected traffic loads and to improve safety. The initial phase from MD 152 to Belle Meade Road is complete. Recent improvements include new guardrails and the removal of several large rock outcroppings directly adjacent to the roadway and causing a safety hazard.

Future improvements will include a widening and realigning of the roadway to improve safety and capacity.

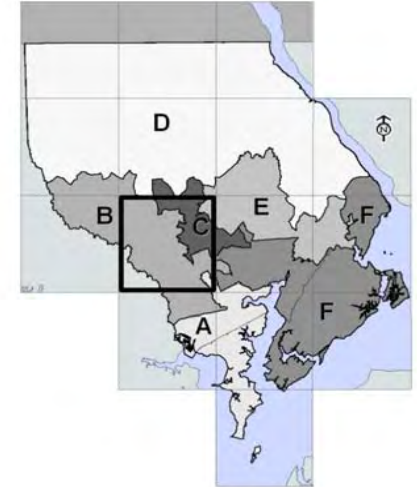
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY18 - Design

FY19 - R/W

Outyears - Construction

**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	65,000		65,000						65,000
Land Acquisition	275,000		275,000						275,000
Construction	795,000		795,000						795,000
Inspection Fees	60,000		60,000						60,000
Equipment/Furnishing			0						0
Total Cost	1,195,000	0	1,195,000	0	0	0	0	0	1,195,000

FUNDING SCHEDULE

R8750 Paygo	1,195,000		1,195,000						1,195,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,195,000	0	1,195,000	0	0	0	0	0	1,195,000

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 1,166,302

Encumbered 0

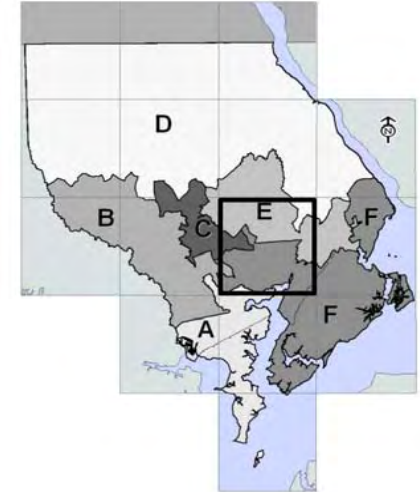
Total \$1,166,302

PROJECT: Landis Circle - Foxborough Farms**HIGHWAYS - ROADS****COUNCIL DISTRICT: E****LOCATION: Bel Air****H154504****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funding to convert Landis Circle from a private road to a County road. Funds will be required for pavement, stormdrains, curbs, etc. to meet County standards.

PROJECT SCHEDULE:

Construction will begin in the 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 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	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

R1609 Other - F. Farms/Landis Assess.	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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: New Roads and Storm Drains 06**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H064510****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 and upgrade existing roadways, streets, storm drainage systems, and stormwater management facilities for those areas affected by the impact of new projects. In some instances, 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 providing a more comprehensive improvement to the roadway.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

**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	5,000		5,000						5,000
Land Acquisition	70,000		70,000						70,000
Construction	1,390,000		1,390,000						1,390,000
Inspection Fees	80,000		80,000						80,000
Equipment/Furnishing			0						0
Total Cost	1,545,000	0	1,545,000	0	0	0	0	0	1,545,000

FUNDING SCHEDULE

R8750 Paygo	350,000		350,000						350,000
R6330 Developer	1,195,000		1,195,000						1,195,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,545,000	0	1,545,000	0	0	0	0	0	1,545,000

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	1,177,150
Encumbered	0
Total	<u>\$1,177,150</u>

PROJECT: New Roads and Stormdrains 02**HIGHWAYS - ROADS****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****H024510****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 and upgrade existing roadways, streets, storm drainage systems, and stormwater management facilities for those areas affected by the impact of new projects. In some instances, 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 providing a more comprehensive improvement to the roadway.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	1,146,740		1,146,740						1,146,740
Inspection Fees	120,000		120,000						120,000
Equipment/Furnishing			0						0
Total Cost	1,266,740	0	1,266,740	0	0	0	0	0	1,266,740

FUNDING SCHEDULE

R8750 Paygo	516,740		516,740						516,740
R6330 Developer	750,000		750,000						750,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,266,740	0	1,266,740	0	0	0	0	0	1,266,740

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:

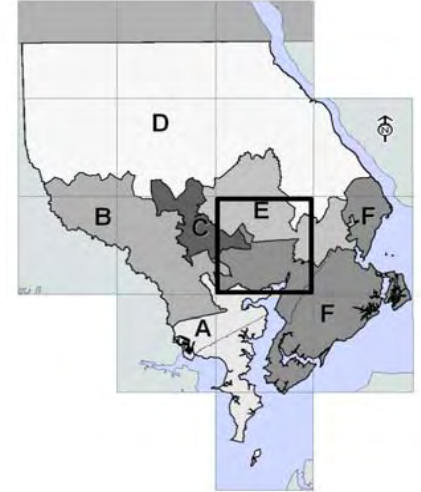
Expended	742,975
Encumbered	0
Total	\$742,975

PROJECT: Thomas Run Road Improvements**HIGHWAYS - ROADS****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****H104506****PROJECT DESCRIPTION / JUSTIFICATION:**

Thomas Run Road, from MD 22 to Medical Hall Road experiences frequent delays and congestion due to the traffic flows associated with the Harford Community College (HCC) and Harford Vo-Tech High School. This project will first analyze the existing conditions and make recommendations for future improvements based upon the analysis of the current situation in conjunction with future traffic volumes. Construction of Phase 1 includes a roundabout at the main entrance to the school - HCC Entrance #3. This construction will involve a cost share between HCC and Harford County, DPW. 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 has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

**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	50,000		50,000						50,000
Land Acquisition			0						0
Construction	450,000		450,000						450,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost	550,000	0	550,000	0	0	0	0	0	550,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000						300,000
R6340 Corporate/Business	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	550,000	0	550,000	0	0	0	0	0	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 10/31/14:

Expended	541,131
Encumbered	0
Total	<u>\$541,131</u>

PROJECT: Village of Scot's Fancy Starmount Lane

HIGHWAYS - ROADS

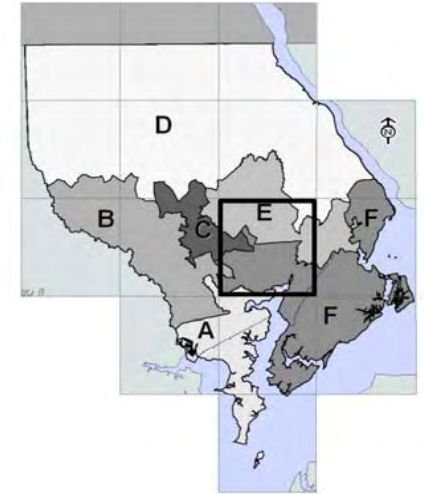
COUNCIL DISTRICT: C

LOCATION: Bel Air, MD

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	715,128
Encumbered	0
Total	<u>\$715,128</u>



Harford County Roads

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

RESURFACING

FY 16 Funded Projects:

Resurfacing Roadways	29,292,842	0	5,292,842	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000

Outyear Projects:

Earth Road Conversion to Hard Surface	1,250,000	0	0	250,000	250,000	250,000	250,000	250,000

Tar and Chip Conversion to Hot Mix	750,000	0	0	0	0	250,000	250,000	250,000

Open Projects:

Resurfacing Roadways 12	4,983,945	4,983,945	0	0	0	0	0	0

Resurfacing Roadways 13	5,640,000	5,640,000	0	0	0	0	0	0

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 Total by Project	54,181,402	22,888,560	5,292,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

Paygo	51,851,787	20,868,945	4,982,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

Developer	200,000	200,000	0	0	0	0	0	0

Reappropriated	2,129,615	1,819,615	310,000	0	0	0	0	0

Resurfacing Total by Fund	54,181,402	22,888,560	5,292,842	4,250,000	5,250,000	5,500,000	5,500,000	5,500,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

HIGHWAYS

RESURFACING

Resurfacing Roadways	5,292,842	4,982,842	0	0	310,000	0	0	0	0	0	0	0
SUB-TOTAL RESURFACING	5,292,842	4,982,842	0	0	310,000	0	0	0	0	0	0	0

PROJECT: Resurfacing Roadways**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****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.

FY 16 funds are reappropriated from MD152/Oakmont at \$150,000 and from Fawn Grove Road Bridge #132 (H144502) at \$165,000

**PROJECT SCHEDULE:**

This is an ongoing program.

PROJECT STATUS:

This project has not been funded in the past 2 years. FY 17 and FY 18 requests are projected higher than other outyears to recover from current shortfalls.

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		75,000	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Land Acquisition			0						0
Construction		5,042,842	5,042,842	3,675,000	4,675,000	4,650,000	4,650,000	4,625,000	27,317,842
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	5,292,842	5,292,842	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	29,292,842

FUNDING SCHEDULE

R8750 Paygo		4,982,842	4,982,842	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	28,982,842
R8770 Reappropriated		310,000	310,000						310,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	5,292,842	5,292,842	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	29,292,842

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

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: Earth Road Conversion to Hard Surface**HIGHWAYS - RESURFACING****COUNCIL DISTRICT:****LOCATION: Countywide****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This is a new project to convert some of the County's 70+ miles of dirt roads to a hard surface.

This work is necessitated by additional development and traffic volumes around the County that have created perpetual maintenance problems for the County's Highway Maintenance Division. These projects will be designed in close coordination with the public. This work was previously performed by the Highways Maintenance Division, but will now be contracted out.

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 has been unfunded for several years. Numerous roads have been identified for conversion but are on hold.

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	25,000	25,000	25,000	25,000	25,000	125,000
Land Acquisition			0						0
Construction			0	190,000	190,000	190,000	190,000	190,000	950,000
Inspection Fees			0	35,000	35,000	35,000	35,000	35,000	175,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000

FUNDING SCHEDULE

R8750 Paygo			0	250,000	250,000	250,000	250,000	250,000	1,250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000

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

Expended

Encumbered

Total \$0

PROJECT: Tar and Chip Conversion to Hot Mix**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****New****PROJECT DESCRIPTION / JUSTIFICATION:**

This is an ongoing project activity to rehabilitate existing County Tar and Chip roads to a hot mix asphalt surface. These types of roads have experienced a significant increase in the amount of traffic that they are carrying with the tar and chip surface unable to withstand the vehicular load. The Division has identified numerous roads that need to be upgraded and will be addressed in priority order.

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 has been unfunded for several years. Numerous roads have been identified for conversion but are on hold.

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			25,000	25,000	25,000	75,000
Land Acquisition			0						0
Construction			0			190,000	190,000	190,000	570,000
Inspection Fees			0			35,000	35,000	35,000	105,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	250,000	250,000	250,000	750,000

FUNDING SCHEDULE

R8750 Paygo			0			250,000	250,000	250,000	750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	250,000	250,000	250,000	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

Expended

Encumbered

Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Resurfacing Roadways 12**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H124506****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 deteriorated curbs and handicapped ramps per Federal ADA guidelines. This project is consistent with the Master Planning goals of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	4,883,945		4,883,945						4,883,945
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost	4,983,945	0	4,983,945	0	0	0	0	0	4,983,945

FUNDING SCHEDULE

R8750 Paygo	4,133,945		4,133,945						4,133,945
R8089 Reappropriated Paygo	650,000		650,000						650,000
R6330 Developer	200,000		200,000						200,000
			0						0
			0						0
			0						0
Total Funds	4,983,945	0	4,983,945	0	0	0	0	0	4,983,945

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	4,948,036
Encumbered	0
Total	<u>\$4,948,036</u>

PROJECT: Resurfacing Roadways 13**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H134505****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:**

Project will remain open until remainder of the Paygo funds are expended.

**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	50,000		50,000						50,000
Land Acquisition			0						0
Construction	5,340,000		5,340,000						5,340,000
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost	5,640,000	0	5,640,000	0	0	0	0	0	5,640,000

FUNDING SCHEDULE

R8750 Paygo	5,640,000		5,640,000						5,640,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	5,640,000	0	5,640,000	0	0	0	0	0	5,640,000

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 10/31/15:

Expended	5,635,750
Encumbered	0
Total	\$5,635,750

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	4,930,632
Encumbered	1,433,402
Total	\$6,364,034

PROJECT: Resurfacing Roadways 15**HIGHWAYS - RESURFACING****COUNCIL DISTRICT: MULTIPLE****LOCATION: Countywide****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	13,911
Encumbered	965,555
Total	\$979,466

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HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021

HIGHWAYS FUND

OTHER

FY 16 Funded Projects:

APG Gate PILOT	590,000	0	590,000	0	0	0	0	0
Efficiency Capital Investment Project	155,000	130,000	25,000	0	0	0	0	0
Fleet Replacement	12,242,000	5,442,000	1,800,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Safeguarding Business Operations	2,937,450	1,881,200	556,250	250,000	250,000	0	0	0
Sidewalks and Handicapped Ramps	1,530,000	680,000	100,000	150,000	150,000	150,000	150,000	150,000

Outyear Projects:

Equipment Sheds	200,000	0	0	0	100,000	100,000	0	0
Refresh Program	450,500	323,000	0	42,500	42,500	42,500	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
Sidewalks	1,375,000	1,375,000	0	0	0	0	0	0

Other Total by Project	25,328,953	15,680,203	3,071,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000

Paygo	23,625,453	14,566,703	2,481,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000
Special Paygo	590,000	0	590,000	0	0	0	0	0
Reappropriated	55,000	55,000	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
State	445,000	445,000	0	0	0	0	0	0
Developer	25,000	25,000	0	0	0	0	0	0
Other	588,500	588,500	0	0	0	0	0	0

Other Total by Fund	25,328,953	15,680,203	3,071,250	1,442,500	1,542,500	1,292,500	1,150,000	1,150,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

HIGHWAYS FUND

OTHER												
APG Gate Pilot*	590,000	590,000	0	0	0	0	0	0	0	0	0	0
Efficiency Capital Investment Project	25,000	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,800,000	1,800,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	556,250	556,250	0	0	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	100,000	100,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	3,071,250	3,071,250	0	0	0	0	0	0	0	0	0	0

*Paygo funding is dedicated from the PILOT agreement

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 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		590,000	590,000						590,000
Total Cost	0	590,000	590,000	0	0	0	0	0	590,000

FUNDING SCHEDULE

R8750 Paygo - APG Gate PILOT		590,000	590,000						590,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	590,000	590,000	0	0	0	0	0	590,000

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: Efficiency Capital Investment Project**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H134507****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will identify and implement infrastructure projects at Highways facilities annually that will increase operational efficiency through reducing operating costs and the County's environmental footprint. The projects will emphasize making facilities safe, secure, functional and efficient for the delivery of services to the constituents of Harford County.

PROJECT SCHEDULE:

FY 16: Replace shop heaters; explore insulation options at Hickory II and solar windows at the 3rd district

ALL YEARS - implement Level I and II audit results

**PROJECT STATUS:**

The project is open and ongoing.

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
Land Acquisition									0
Construction		10,000	10,000						10,000
Inspection Fees									0
Equipment/Furnishing	130,000	15,000	145,000						145,000
Total Cost	130,000	25,000	155,000	0	0	0	0	0	155,000

FUNDING SCHEDULE

R8089 Reappropriated Paygo	25,000		25,000						25,000
R6999 Other	10,000		10,000						10,000
R3399 State Other	70,000		70,000						70,000
R8750 Paygo	25,000	25,000	50,000						50,000
			0						0
			0						0
Total Funds	130,000	25,000	155,000	0	0	0	0	0	155,000

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	88,923
Encumbered	0
Total	<u>\$88,923</u>

PROJECT: Fleet Replacement

HIGHWAYS - OTHER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H124507

PROJECT DESCRIPTION / JUSTIFICATION:

Provide funds for the replacement of vehicles and equipment. Units to be replaced are on average 10 years old, will have more than 85,000 miles and will have maintenance costs averaging over 50% of purchase price.

This project will be managed/controlled by the Department of Procurement.

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	5,442,000	1,800,000	7,242,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	12,242,000
Total Cost	5,442,000	1,800,000	7,242,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	12,242,000

FUNDING SCHEDULE

R8750 Paygo	5,442,000	1,800,000	7,242,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	12,242,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	5,442,000	1,800,000	7,242,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	12,242,000

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	4,211,011
Encumbered	454,965
Total	<u>\$4,665,976</u>

PROJECT: Safeguarding Business Operations**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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	1,881,200	556,250	2,437,450	250,000	250,000				2,937,450
Total Cost	1,881,200	556,250	2,437,450	250,000	250,000	0	0	0	2,937,450

FUNDING SCHEDULE

R8750 Paygo	1,881,200	556,250	2,437,450	250,000	250,000				2,937,450
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,881,200	556,250	2,437,450	250,000	250,000	0	0	0	2,937,450

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 3/1/15:

Expended	1,351,904
Encumbered	107,055
Total	<u>\$1,458,959</u>

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.

**PROJECT SCHEDULE:**

Ongoing Program

PROJECT STATUS:

Ongoing Program

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	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	530,000	100,000	630,000	120,000	120,000	120,000	120,000	120,000	1,230,000
Inspection Fees	60,000		60,000	15,000	15,000	15,000	15,000	15,000	135,000
Equipment/Furnishing			0						0
Total Cost	680,000	100,000	780,000	150,000	150,000	150,000	150,000	150,000	1,530,000

FUNDING SCHEDULE

R8750 Paygo	600,000	100,000	700,000	150,000	150,000	150,000	150,000	150,000	1,450,000
R6330 Baltimore County	64,650		64,650						64,650
R6999 Other	15,350		15,350						15,350
			0						0
			0						0
			0						0
Total Funds	680,000	100,000	780,000	150,000	150,000	150,000	150,000	150,000	1,530,000

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	529,463
Encumbered	
Total	<u>529,463</u>

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: Equipment Sheds**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	0	100,000	100,000	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	0	100,000	100,000	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 3/1/15:

Expended	88,923
Encumbered	0
Total	\$88,923

PROJECT: Refresh Program

HIGHWAYS - OTHER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H134511

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to refresh the computers, network infrastructure, server, storage, software 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 Department of Information and Communication Technology.

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	323,000		323,000	42,500	42,500	42,500			450,500
Total Cost	323,000	0	323,000	42,500	42,500	42,500	0	0	450,500

FUNDING SCHEDULE

R8750 Paygo	323,000		323,000	42,500	42,500	42,500			450,500
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	323,000	0	323,000	42,500	42,500	42,500	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 3/1/15:

Expended	243,267
Encumbered	396
Total	<u>\$243,663</u>

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	800,401
Encumbered	0
Total	\$800,401

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 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	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:

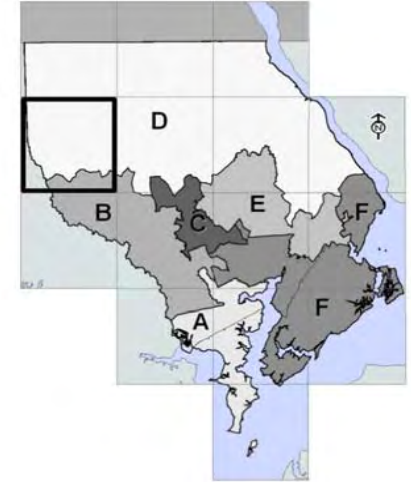
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	202,055
Encumbered	747,218
Total	<u>\$949,273</u>

PROJECT: Glen Elyn Culvert and Ponds Repair**HIGHWAYS - OTHER****COUNCIL DISTRICT: B****LOCATION: Baldwin, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	392,500
Encumbered	0
Total	<u>\$392,500</u>

PROJECT: Harford County Metro Area Network (HMAN)**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****H134509****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to use advanced telecommunications infrastructure to increase access to the web and other computer utilities for the 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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:

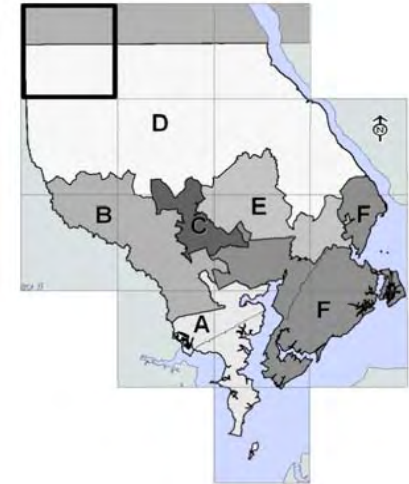
Estimated Annual Debt Service Cost: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	833,428
Encumbered	96,524
Total	<u>\$929,952</u>

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 reflashing 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:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	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	823,503		823,503						823,503
			0						0
			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 3/1/15:

Expended 795,014

Encumbered 0

Total \$795,014

PROJECT: Primrose Place

HIGHWAYS - OTHER

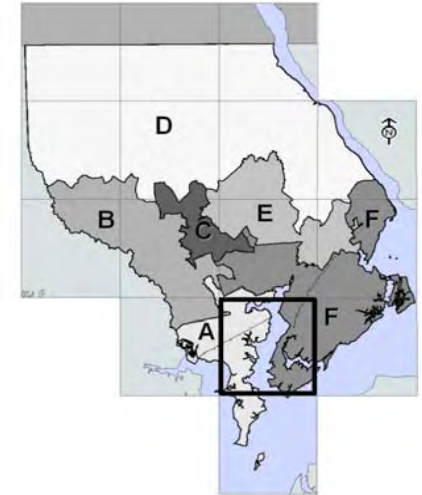
COUNCIL DISTRICT: F

LOCATION: Riverside, MD

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 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	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 3/1/15:

Expended	132,605
Encumbered	0
Total	<u>\$132,605</u>

PROJECT: 700 MHz Wireless Radio System Equipment**HIGHWAYS - OTHER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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	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 3/1/15:

Expended	1,530,253
Encumbered	68,297
Total	\$1,598,550

PROJECT: Sidewalks

HIGHWAYS - OTHER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H974508

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.

PROJECT SCHEDULE:

PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2015.



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	130,000		130,000						130,000
Land Acquisition	90,000		90,000						90,000
Construction	1,120,000		1,120,000						1,120,000
Inspection Fees	35,000		35,000						35,000
Equipment/Furnishing			0						0
Total Cost	1,375,000	0	1,375,000	0	0	0	0	0	1,375,000

FUNDING SCHEDULE

R8750 Paygo	795,000		795,000						795,000
R3399 State Other	375,000		375,000						375,000
R6330 Developer	25,000		25,000						25,000
R6999 Other	150,000		150,000						150,000
R8089 Reappropriated Paygo	30,000		30,000						30,000
			0						0
Total Funds	1,375,000	0	1,375,000	0	0	0	0	0	1,375,000

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	876,506
Encumbered	0
Total	<u>876,506</u>



Bridge Construction

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2016	FY 2017	FIVE YEAR CAPITAL PROGRAM			
					FY 2018	FY 2019	FY 2020	FY 2021
WATER & SEWER FUND								
WATER PROJECTS								
FY 16 Funded Projects:								
Efficiency Capital Investment Project	150,000	0	150,000	0	0	0	0	0
Fleet Replacement	5,662,000	2,262,000	400,000	500,000	800,000	400,000	800,000	500,000
Magnolia Booster Station	1,450,000	200,000	1,250,000	0	0	0	0	0
Safeguarding Business Operations	3,074,650	2,018,400	556,250	250,000	250,000	0	0	0
Tank Painting FY 16	4,750,000	0	700,000	850,000	800,000	800,000	800,000	800,000
US Rt. 40 and Rt. 159 SHA Water Relocation	3,800,000	0	2,600,000	0	1,200,000	0	0	0
Outyear Projects:								
Oak Grove Booster Station	330,000	0	0	330,000	0	0	0	0
Refresh Program	477,000	342,000	0	45,000	45,000	45,000	0	0
Renewal and Replacement Water Infrastructure	900,000	400,000	0	100,000	100,000	100,000	100,000	100,000
Replacement of Water Booster Station (SCADA)	1,500,000	300,000	0	0	0	1,200,000	0	0
Water and Sewer System Model Study	350,000	0	0	350,000	0	0	0	0
Open Projects:								
Abingdon Maintenance Storage Protection	200,000	200,000	0	0	0	0	0	0
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	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
Electrical/Network/Phone	130,000	130,000	0	0	0	0	0	0
Fuel Dispensing System Upgrade	120,000	120,000	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	1,220,000	1,220,000	0	0	0	0	0	0
Rt. 24 Water Transmission	160,000	160,000	0	0	0	0	0	0
700 MHz Wireless Radio System Equipment	649,000	649,000	0	0	0	0	0	0
Site Acquisition	800,000	800,000	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
Tollgate Road Water Main Parallel 15	1,292,227	1,292,227	0	0	0	0	0	0
Underground and Aboveground Storage Tank	50,000	50,000	0	0	0	0	0	0
Water and Sewer Authority Study Establishment	2,000,000	2,000,000	0	0	0	0	0	0
Water and Sewer Billing Project	1,500,000	1,500,000	0	0	0	0	0	0
Water and Sewer Rate Study	300,000	300,000	0	0	0	0	0	0
Water Meter Upgrade	1,210,000	1,210,000	0	0	0	0	0	0
Water Quality Improvements	600,000	600,000	0	0	0	0	0	0
Water Zone Improvements	150,000	150,000	0	0	0	0	0	0
Water Total by Project	127,019,877	110,098,627	5,656,250	2,425,000	3,195,000	2,545,000	1,700,000	1,400,000
Paygo	26,220,473	14,829,223	1,656,250	2,095,000	1,995,000	2,545,000	1,700,000	1,400,000
Future Bonds	5,380,000	0	3,850,000	330,000	1,200,000	0	0	0
Prior Bonds	94,284,687	94,284,687	0	0	0	0	0	0
Reappropriated	984,717	984,717	0	0	0	0	0	0
State	150,000	0	150,000	0	0	0	0	0
Water Total by Fund	127,019,877	110,098,627	5,656,250	2,425,000	3,195,000	2,545,000	1,700,000	1,400,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	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 Project	150,000	0	0	0	0	0	0	150,000	0	0	0	0
Fleet Replacement	400,000	400,000	0	0	0	0	0	0	0	0	0	0
Magnolia Booster Station	1,250,000	0	0	1,250,000	0	0	0	0	0	0	0	0
Safeguarding Business Operations	556,250	556,250	0	0	0	0	0	0	0	0	0	0
Tank Painting	700,000	700,000	0	0	0	0	0	0	0	0	0	0
US 40 and Rt. 159 SHA Water Relocation	2,600,000	0	0	2,600,000	0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	5,656,250	1,656,250	0	3,850,000	0	0	0	150,000	0	0	0	0

PROJECT: Efficiency Capital Investment Project**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****O166009****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will identify and implement infrastructure projects at Department of Public Works Water and Sewer facilities annually. This will increase operational efficiency through reducing operating costs and the County's environmental footprint. The projects will emphasize making facilities safe, secure, functional and efficient for the delivery of services to the constituents of Harford County.

PROJECT SCHEDULE:

FY 16 - a complete lighting retrofit at Sod Run

**PROJECT STATUS:**

This project is open and ongoing.

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		90,000	90,000						90,000
Inspection Fees			0						0
Equipment/Furnishing		60,000	60,000						60,000
Total Cost	0	150,000	150,000	0	0	0	0	0	150,000

FUNDING SCHEDULE

R3399 State Other		150,000	150,000						150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	150,000	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: Fleet Replacement

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

O126727

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to provide funds for the replacement of vehicles and equipment. Units to be replaced are on average ten years old and will have more than 85,000 miles on them; maintenance costs will average over 50% of the purchase price.

This project will be managed/controlled by the Department of Procurement.

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	2,262,000	400,000	2,662,000	500,000	800,000	400,000	800,000	500,000	5,662,000
Total Cost	2,262,000	400,000	2,662,000	500,000	800,000	400,000	800,000	500,000	5,662,000

FUNDING SCHEDULE

R8750 Paygo	2,262,000	400,000	2,662,000	500,000	800,000	400,000	800,000	500,000	5,662,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,262,000	400,000	2,662,000	500,000	800,000	400,000	800,000	500,000	5,662,000

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	1,519,863
Encumbered	65,276
Total	<u>\$1,585,139</u>

PROJECT: Magnolia Booster Station**WATER****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****W106709****PROJECT DESCRIPTION / JUSTIFICATION:**

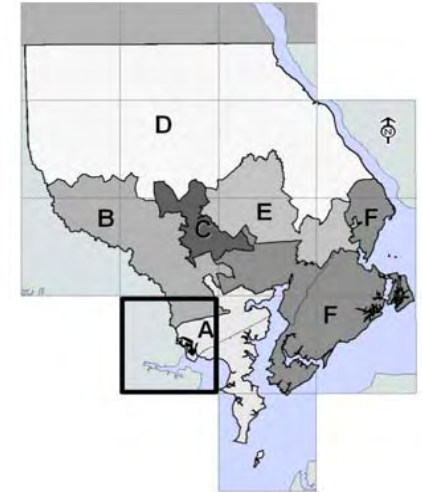
This project is to allow for the design and construction of a replacement of the existing hydro pneumatic tank to be housed aboveground within a new building, as well as to provide a replacement of the automatic telemetry system. This project will also convert constant speed domestic pumps to pumps with 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	200,000	1,250,000	1,450,000	0	0	0	0	0	1,450,000

FUNDING SCHEDULE

R7100 Prior Bonds	200,000		200,000						200,000
R7000 Future Bonds		1,250,000	1,250,000						1,250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	1,250,000	1,450,000	0	0	0	0	0	1,450,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$18,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	24,240
Encumbered	92,255
Total	\$116,495

PROJECT: Safeguarding Business Operations**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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	2,018,400	556,250	2,574,650	250,000	250,000				3,074,650
Total Cost	2,018,400	556,250	2,574,650	250,000	250,000	0	0	0	3,074,650

FUNDING SCHEDULE

R8750 Paygo	2,018,400	556,250	2,574,650	250,000	250,000				3,074,650
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,018,400	556,250	2,574,650	250,000	250,000	0	0	0	3,074,650

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 3/1/15:

Expended	1,536,994
Encumbered	163,799
Total	<u>\$1,700,793</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 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	850,000	800,000	800,000	800,000	800,000	4,750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	700,000	700,000	850,000	800,000	800,000	800,000	800,000	4,750,000

FUNDING SCHEDULE

R8750 Paygo		700,000	700,000	850,000	800,000	800,000	800,000	800,000	4,750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	700,000	700,000	850,000	800,000	800,000	800,000	800,000	4,750,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: N/A

Annual Operating/Maintenance Cost: N/A

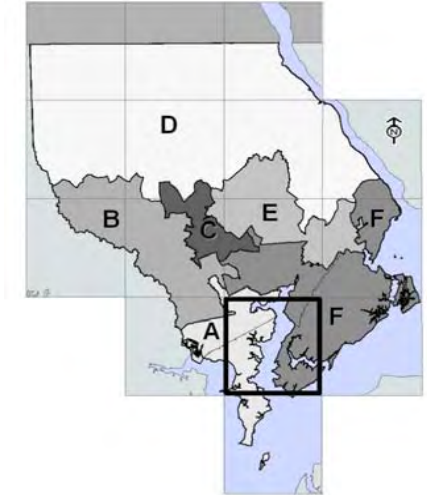
New Positions (FTE's): N/A

Financial Activity as of

Expended	0
Encumbered	0
Total	\$0

PROJECT: US 40 and Rt. 159 SHA Water Relocation**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	0	2,600,000	2,600,000	0	1,200,000	0	0	0	3,800,000

FUNDING SCHEDULE

R7000 Future Bonds		2,600,000	2,600,000		1,200,000				3,800,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	2,600,000	2,600,000	0	1,200,000	0	0	0	3,800,000

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

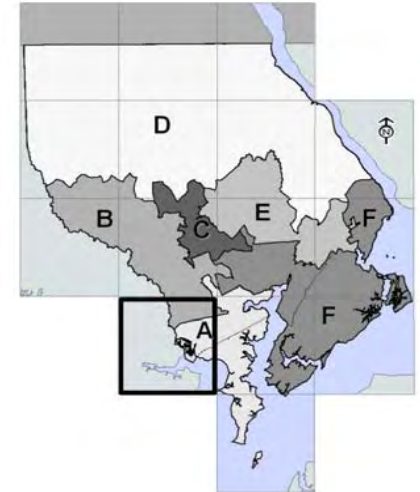
Expended	0
Encumbered	0
Total	\$0

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: Oak Grove Booster Station**WATER****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****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 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	330,000					330,000
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	0
Encumbered	0
Total	\$0

PROJECT: Refresh Program

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

O136733

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to refresh the computers, network infrastructure, server, storage, software 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 Department of Information and Communication Technology.

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	342,000		342,000	45,000	45,000	45,000			477,000
Total Cost	342,000	0	342,000	45,000	45,000	45,000	0	0	477,000

FUNDING SCHEDULE

R8750 Paygo	342,000		342,000	45,000	45,000	45,000			477,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	342,000	0	342,000	45,000	45,000	45,000	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 3/1/15:

Expended	263,618
Encumbered	396
Total	<u>\$264,014</u>

PROJECT: Renewal and Replacement Water Infrastructure
COUNCIL DISTRICT: MULTIPLE **LOCATION: Various**

WATER
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 is ongoing.



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	100,000		100,000						100,000
Land Acquisition			0						0
Construction	300,000		300,000	100,000	100,000	100,000	100,000	100,000	800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	400,000	0	400,000	100,000	100,000	100,000	100,000	100,000	900,000

FUNDING SCHEDULE

R8750 Paygo	400,000		400,000	100,000	100,000	100,000	100,000	100,000	900,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	400,000	0	400,000	100,000	100,000	100,000	100,000	100,000	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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Replacement of Water Booster Station Supervisory Control & Data Acquisition (SCADA)**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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, parts are not manufactured anymore and Siemens does not support the system equipment.

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	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	0	0	1,200,000	0	0	1,500,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000			1,200,000			1,500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	1,200,000	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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Water System Model Study**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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. This project will stage required water improvements based on 2010 census data, new sources of water that are provided to Aberdeen Proving Ground (including Aberdeen and Edgewood), the City of Aberdeen's purchase water agreement, and Maryland American.

PROJECT SCHEDULE:**PROJECT STATUS:**

New

**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	350,000					350,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	350,000	0	0	0	0	350,000

FUNDING SCHEDULE

R8750 Paygo			0	350,000					350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	350,000	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

Expended

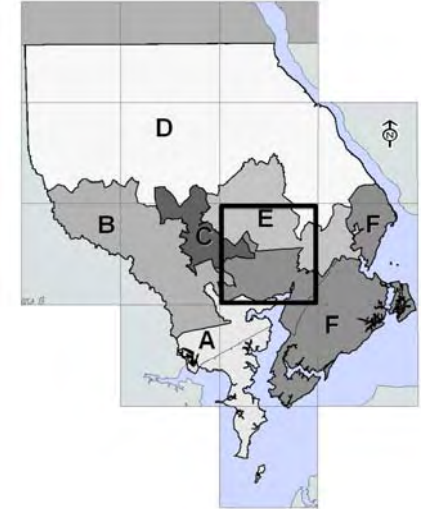
Encumbered

Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Abingdon Maintenance Storage Protection**WATER****COUNCIL DISTRICT: F****LOCATION: Abingdon, MD****W126720****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is for the installation of a protective barn-style building cover at the Abingdon Maintenance storage yard. This structure would provide protection from the element for our large pipe, valves, materials, and mechanical equipment. The parts currently sit unprotected outside in the open yard where the elements affect the integrity of the material.

**PROJECT SCHEDULE:**

Bids - October, 2011

PROJECT STATUS:

Bids received were too high, project is being reevaluated.

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	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	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 3/1/15:

Expended	198,768
Encumbered	0
Total	\$198,768

PROJECT: Abingdon Road Water

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

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 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	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:

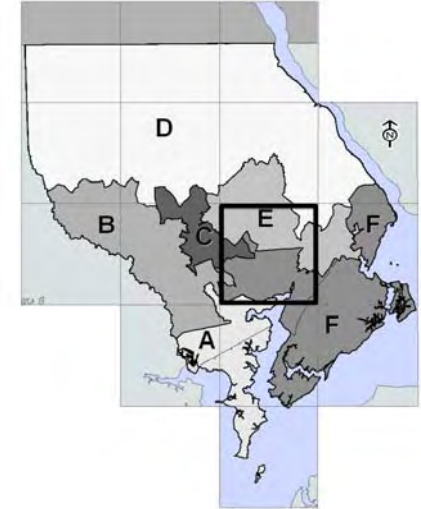
Estimated Annual Debt Service Cost: \$750,204
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	271,540
Encumbered	22,785
Total	<u>\$294,325</u>

PROJECT: Abingdon WTP Expansion**WATER****COUNCIL DISTRICT: F****LOCATION: Abingdon, MD****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 to 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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	1,046		1,046						1,046
R8770 Reappropriated	1,494		1,494						1,494
			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: \$5,853,316
Annual Operating/Maintenance Cost: >\$100,000
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	75,660,570
Encumbered	399,404
Total	\$76,059,974

PROJECT: City of Baltimore - Deer Creek Pump Station and Valve Improvements**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 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	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: \$293,172

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	3,004,274
Encumbered	233,575
Total	<u>\$3,237,849</u>

PROJECT: City of Baltimore Raw Water Supply**WATER****COUNCIL DISTRICT:****LOCATION:****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 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	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: \$290,103
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	1,197,323
Encumbered	58,453
Total	\$1,255,776

PROJECT: Construction Unanticipated 12

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

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 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	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 3/1/15:

Expended	183,465
Encumbered	116,259
Total	<u>\$299,724</u>

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	91,948
Encumbered	165,861
Total	\$257,809

PROJECT: Electrical/Network/Phone

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W146736

PROJECT DESCRIPTION / JUSTIFICATION:

This project was for the capital installation cost of providing a new electrical (BGE), phone (Verizon) and network connection to the new Water and Sewer Central Office building.

PROJECT SCHEDULE:



PROJECT STATUS:

This project is being finalized and will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2015.

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	130,000		130,000						130,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	130,000	0	130,000	0	0	0	0	0	130,000

FUNDING SCHEDULE

R8750 Paygo	130,000		130,000						130,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	130,000	0	130,000	0	0	0	0	0	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 3/1/15:

Expended	101,556
Encumbered	0
Total	<u>\$101,556</u>

PROJECT: Fuel Dispensing System Upgrade**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****O146738****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 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	120,000		120,000						120,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	120,000		120,000		0	0	0	0	120,000

FUNDING SCHEDULE

R8750 Paygo	120,000		120,000						120,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	120,000		120,000		0	0	0	0	120,000

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	120,000
Total	\$120,000

PROJECT: Harford County Metro Area Network (HMAN)**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	975,697
Encumbered	112,996
Total	<u>\$1,088,693</u>

PROJECT: Rt. 24 Water Transmission

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W086690

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide for a multipurpose project which will allow for the planning, permitting, design and construction of approximately 30,000 linear feet of 24 inch water transmission main from Plumtree Road to Bynum Tank.

PROJECT SCHEDULE:

FY 09: Study

FY 18: Design beyond FY 21

FY 21: Construction beyond FY 24



PROJECT STATUS:

Alignment study is complete, waiting for SHA comments. This project is growth dependent.

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	160,000		160,000						160,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	160,000	0	160,000	0	0	0	0	0	160,000

FUNDING SCHEDULE

R7100 Prior Bonds	160,000		160,000						160,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	160,000	0	160,000	0	0	0	0	0	160,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$17,028

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended 71,052

Encumbered 0

Total \$71,052

PROJECT: 700 MHz Wireless Radio System Equipment**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****O126728****PROJECT DESCRIPTION / JUSTIFICATION:**

This project provides funds for Water and Sewer's share of the 700 MHz radio 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 BRAC related, 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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	103,000		103,000						103,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	546,000		546,000						546,000
Total Cost	649,000	0	649,000	0	0	0	0	0	649,000

FUNDING SCHEDULE

R8089 Reappropriated Paygo	103,000		103,000						103,000
R8750 Paygo	546,000		546,000						546,000
			0						0
			0						0
			0						0
			0						0
Total Funds	649,000	0	649,000	0	0	0	0	0	649,000

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	607,660
Encumbered	
Total	<u>\$607,660</u>

PROJECT: Site Acquisition

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

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:

An offer is being made for Swan Creek tank site.



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	800,000		800,000						800,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	800,000	0	800,000	0	0	0	0	0	800,000

FUNDING SCHEDULE

R7100 Prior Bonds	800,000		800,000						800,000
			0						0
			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: \$65,240
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	10,073
Encumbered	0
Total	<u>\$10,073</u>

PROJECT: Tank Painting 12**COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****WATER****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 also 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 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	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 3/1/15:

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 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	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 3/1/15:

Expended 470,015

Encumbered 0

Total \$470,015

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 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	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 3/1/15:

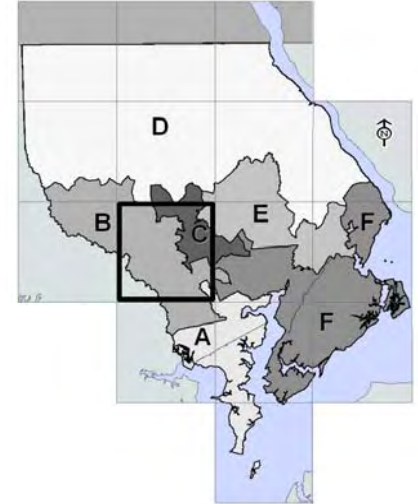
Expended	0
Encumbered	0
Total	\$0

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 Eva-Mar 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 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	1,292,227		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: \$90,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 Authority Study Establishment**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****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:****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	2,000,000		2,000,000						2,000,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

FUNDING SCHEDULE

R8750 Paygo	2,000,000		2,000,000						2,000,000
			0						0
			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: N/A
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	171,711
Encumbered	659,289
Total	\$831,000

PROJECT: Water and Sewer Billing Project**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****W156007****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Water & Sewer Rate Study

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

O136734

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall allow for the hiring of an outside consultant to perform an evaluation on the projected operating and maintenance and capital revenues and expenses; and to recommend both improvements to the current rate structure and required revenue that is required in accordance with best business practices so that the fund remains self sufficient.

PROJECT SCHEDULE:

PROJECT STATUS:

Project awarded; NTP issued September, 2013; 95% 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	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 3/1/15:

Expended	169,131
Encumbered	50,869
Total	<u>\$220,000</u>

PROJECT: Water Meter Upgrade

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

WATER

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2018	FY 2020	FY 2021	
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	<u>\$1,079,716</u>

PROJECT: Water Quality Improvements**WATER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Various****W126722****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is to provide appropriation for drinking water quality improvements, in order to comply with the Federal 2012 Disinfection by-products (DBP) rule.

PROJECT SCHEDULE:

Study work to be completed in September, 2012.

**PROJECT STATUS:**

Currently a study is in progress to determine the actual improvements that will be needed to meet the new regulations.

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	400,000		400,000						400,000
Land Acquisition			0						0
Construction	200,000		200,000						200,000
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	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: N/A

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	206,124
Encumbered	0
Total	\$206,124

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:

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	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

R8750 Paygo	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 3/1/15:

Expended	0
Encumbered	0
Total	<u>\$0</u>



Abingdon Water Treatment Plant

HARFORD COUNTY, MARYLAND
APPROVED SIX YEAR CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2017	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2016		FY 2018	FY 2019	FY 2020	FY 2021
WATER & SEWER FUND								
SEWER PROJECTS								
FY 16 Funded Projects:								
Bush Creek Pump Station	28,400,000	27,400,000	1,000,000	0	0	0	0	0
Bynum Run Parallel 6 & 7	16,063,170	8,613,170	450,000	0	0	3,500,000	3,500,000	0
Ring Factory PS and Fairwind Farms Abandonment	1,160,000	720,000	240,000	0	200,000	0	0	0
Sod Run Facility Improvements	7,800,000	2,600,000	700,000	1,300,000	1,000,000	700,000	1,000,000	500,000
Outyear Projects:								
Ah-Ha Collector Upgrade	2,000,000	0	0	1,000,000	1,000,000	0	0	0
Bill Bass PS FM Replacement	11,000,384	700,384	0	5,150,000	5,150,000	0	0	0
Bio Solids Facilities Enhancements	4,450,000	0	0	700,000	3,750,000	0	0	0
Bynum Ridge Replacement Sewer	375,000	200,000	0	0	0	0	0	175,000
Edgewood Interceptor Sewer Parallel	14,600,000	500,000	0	0	10,500,000	3,600,000	0	0
Infiltration and Inflow	650,000	350,000	0	100,000	0	100,000	0	100,000
Renewal and Replacement Sewer Infrastructure	1,200,000	600,000	0	0	200,000	200,000	200,000	0
Town Center Drive Pump Station Replacement	1,550,000	350,000	0	0	0	1,200,000	0	0
Upper Bynum Run Infiltration and Inflow	7,400,000	3,400,000	0	1,000,000	1,000,000	1,000,000	1,000,000	0
Open Projects:								
Bel Air Infiltration and Inflow	500,000	500,000	0	0	0	0	0	0
Chlorine Replacement Program WWTP	660,000	660,000	0	0	0	0	0	0
Church Creek Pump Station Replacement	10,100,000	10,100,000	0	0	0	0	0	0
ENR at Joppatowne	5,500,000	5,500,000	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 Estates Pump Station Abandonment	5,532,100	5,532,100	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
Plumtree Collector Parallel Phase 2	100,000	100,000	0	0	0	0	0	0
Sod Run WWTP - Sludge Pad Cover	750,763	750,763	0	0	0	0	0	0
Utility Protection Restoration	500,000	500,000	0	0	0	0	0	0
Sewer Total by Project	195,816,717	144,601,717	2,390,000	9,250,000	22,800,000	10,300,000	5,700,000	775,000
Paygo	17,646,450	10,931,450	240,000	1,100,000	1,400,000	2,500,000	1,200,000	275,000
Future Bonds	44,500,000	0	2,150,000	8,150,000	21,400,000	7,800,000	4,500,000	500,000
Prior Bonds	76,083,189	76,083,189	0	0	0	0	0	0
Reappropriated	862,660	862,660	0	0	0	0	0	0
State	51,400,000	51,400,000	0	0	0	0	0	0
Federal	1,735,300	1,735,300	0	0	0	0	0	0
Other	100,000	100,000	0	0	0	0	0	0
Developer	3,489,118	3,489,118	0	0	0	0	0	0
Sewer Total by Fund	195,816,717	144,601,717	2,390,000	9,250,000	22,800,000	10,300,000	5,700,000	775,000

FY 16 APPROVED CAPITAL BUDGET												
PROJECT	TOTAL	PAYGO	PRIOR BONDS	COUNTY BONDS	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER	OTHER

WATER & SEWER FUND

SEWER PROJECTS												
Bush Creek Pump Station	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0
Bynum Run Parallel 6&7	450,000	0	0	450,000	0	0	0	0	0	0	0	0
Ring Factory Pump Station & Fairwind Farms Abandonment	240,000	240,000	0	0	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	700,000	0	0	700,000	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER PROJECTS	2,390,000	240,000	0	2,150,000	0	0	0	0	0	0	0	0

PROJECT: Bush Creek Pump Station**COUNCIL DISTRICT: F****LOCATION: Long Bar Harbor****SEWER****S086692****PROJECT DESCRIPTION / JUSTIFICATION:**

This project is needed to bring the existing the 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:

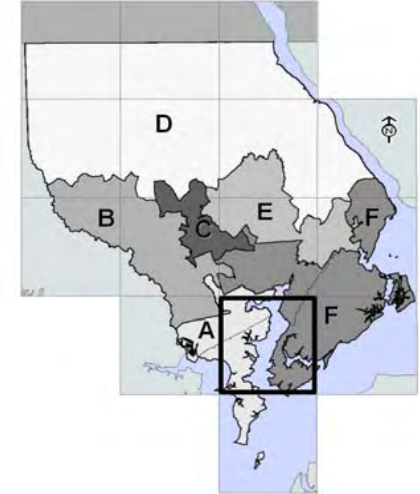
FY 12: Pump station complete

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	1,983,283		1,983,283						1,983,283
Land Acquisition			0						0
Construction	25,416,717	1,000,000	26,416,717						26,416,717
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	27,400,000	1,000,000	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	25,500,000		25,500,000						25,500,000
R7000 Future Bonds		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
Total Funds	27,400,000	1,000,000	28,400,000	0	0	0	0	0	28,400,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$2,686,537

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	12,531,961
Encumbered	12,710,128
Total	\$25,242,089

PROJECT: Bynum Run Parallel 6&7**COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****SEWER****S096703****PROJECT DESCRIPTION / JUSTIFICATION:**

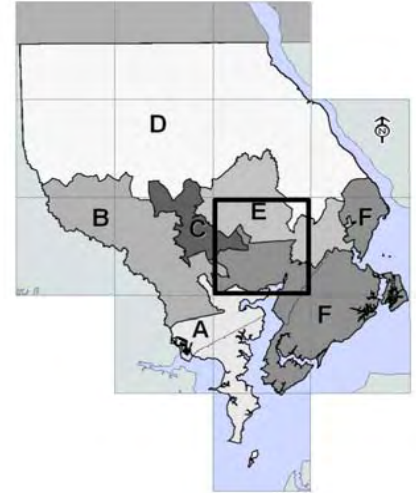
This project will provide for the funding of design, permits, and construction of a parallel to the existing Bynum Run interceptor, from Wheel Road to the Plumtree Interceptor, near MacPhail. This project consists of two phases. Phase 6 is approximately 5,200 linear feet from GIS Asset ID manhole #114029 to manhole #104091 and traverse from Wheel Road to Patterson Mill Road. Phase 7 is approximately 6,400 linear feet 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 - FY 12: Alignment study
 FY 12 - FY 13: Design Phase 7
 FY 14: Final condemnation for remaining easement
 FY 15 - FY 16: Construction Phase 7
 FY 16 - Begin design Phase 6

PROJECT STATUS:

Design, permitting and easements completed for Phase 7
 Awaiting construction period to bid

**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	920,000	450,000	1,370,000						1,370,000
Land Acquisition			0						0
Construction	7,693,170		7,693,170			3,500,000	3,500,000		14,693,170
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,613,170	450,000	9,063,170	0	0	3,500,000	3,500,000	0	16,063,170

FUNDING SCHEDULE

R7100 Prior Bonds	7,965,000		7,965,000						7,965,000
R7000 Future Bonds		450,000	450,000			3,500,000	3,500,000		7,450,000
R8089 Reappropriated Paygo	473,170		473,170						473,170
R7133 Reappropriated Prior Bonds	175,000		175,000						175,000
			0						0
			0						0
Total Funds	8,613,170	450,000	9,063,170	0	0	3,500,000	3,500,000	0	16,063,170

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$713,997
 Annual Operating/Maintenance Cost: N/A
 New Positions (FTE's): N/A

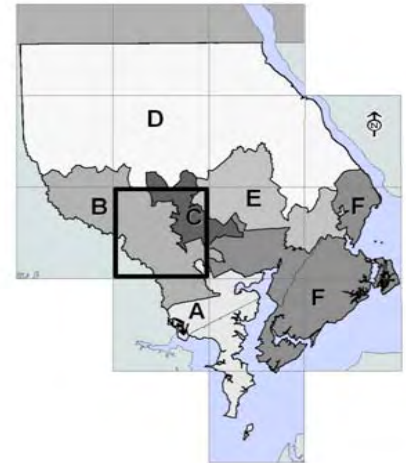
Financial Activity as of 3/1/15:

Expended 351,642
 Encumbered 63,446
 Total \$415,088

PROJECT: Ring Factory Pump Station and Fairwind Farms Abandonment**SEWER****COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****S152968****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for the County's recoupment 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 provide for the eventual abandon of the existing Fairwind Farms sewer pumping station. The County's portion will be for the increased size of the Ring Factory Station.

In addition the County will be require to design and construct the 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 provide for the funds to abandon the Fairwind Farms SPS.

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	50,000		50,000		50,000				100,000
Land Acquisition			0						0
Construction	670,000	240,000	910,000		150,000				1,060,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	720,000	240,000	960,000	0	200,000	0	0	0	1,160,000

FUNDING SCHEDULE

R8750 Paygo	720,000	240,000	960,000		200,000				1,160,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	720,000	240,000	960,000	0	200,000	0	0	0	1,160,000

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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Sod Run Facility Improvements**SEWER****COUNCIL DISTRICT: F****LOCATION: Perryman, MD****S126724****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide for studies, design, and construction of improvements to various tanks, vaults, buildings, electrical systems, instrumentation and 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:

FY 12 - Longevity study completed

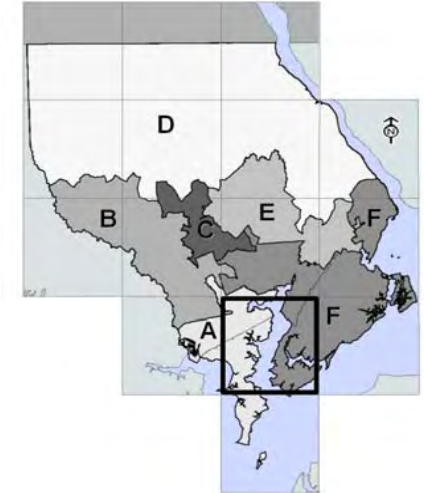
FY 14 - Hydraulic, grit and scum Study procured, HVAC and roof improvements completed

FY 15 - Hydraulic, grit, scum, concrete study completed. Phase 2 concrete improvements begin. Bio-solids study procured.

FY 16 - Phase 2 of 3 concrete; phase 1 of 2 effluent and flow control design.

FY 17 - Phase 3 of concrete; phase 2 of effluent and flow control design

FY 18 - Grit, scum, hydraulic improvements

**PROJECT STATUS:**

Studies completed Fall of 2014; bid packages being prepared

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	100,000	350,000	200,000	250,000	150,000	150,000		1,100,000
Land Acquisition			0						0
Construction	2,350,000	600,000	2,950,000	1,100,000	750,000	550,000	850,000	500,000	6,700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,600,000	700,000	3,300,000	1,300,000	1,000,000	700,000	1,000,000	500,000	7,800,000

FUNDING SCHEDULE

R8750 Paygo	1,700,000		1,700,000						1,700,000
R7100 Prior Bonds	900,000		900,000						900,000
R7000 Future Bonds		700,000	700,000	1,300,000	1,000,000	700,000	1,000,000	500,000	5,200,000
			0						0
			0						0
			0						0
Total Funds	2,600,000	700,000	3,300,000	1,300,000	1,000,000	700,000	1,000,000	500,000	7,800,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$95,781

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	926,076
Encumbered	375,037
Total	\$1,301,113

OUTYEAR PROJECTS

FY 17 - FY 21

PROJECT: Ah-Ha Collector Upgrade**SEWER****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****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:**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	300,000					300,000
Land Acquisition			0	200,000					200,000
Construction			0	500,000	1,000,000				1,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	1,000,000	1,000,000	0	0	0	2,000,000

FUNDING SCHEDULE

R7000 Future Bonds			0	1,000,000	1,000,000				2,000,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	1,000,000	1,000,000	0	0	0	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

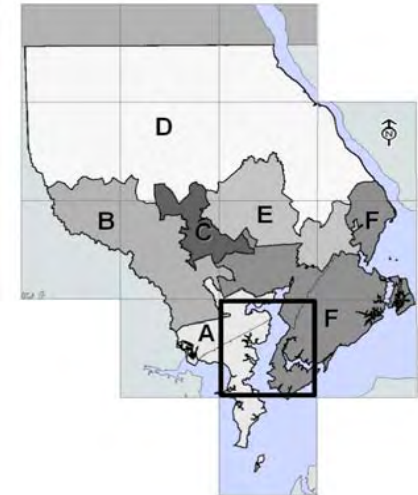
Expended	0
Encumbered	0
Total	\$0

PROJECT: Bill Bass PS FM Replacement**COUNCIL DISTRICT: A****LOCATION: Kennard Avenue, Edgewood****SEWER****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 linear feet is a river crossing.

PROJECT SCHEDULE:**PROJECT STATUS:**

Consultant selection is underway

**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	550,384		550,384						550,384
Land Acquisition	150,000		150,000						150,000
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	0	700,384	5,150,000	5,150,000	0	0	0	11,000,384

FUNDING SCHEDULE

R7100 Prior Bonds	700,384		700,384						700,384
R7000 Future Bonds			0	5,150,000	5,150,000				10,300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	700,384	0	700,384	5,150,000	5,150,000	0	0	0	11,000,384

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$22,050

Annual Operating/Maintenance Cost: N/A

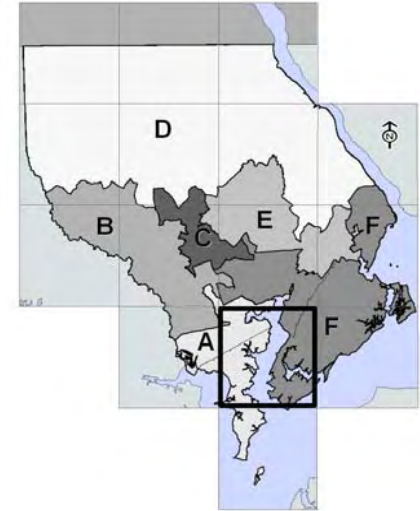
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	6,728
Encumbered	0
Total	\$6,728

PROJECT: Bio Solids Facilities Enhancements**SEWER****COUNCIL DISTRICT: F****LOCATION: Perryman, MD****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 Maryland. 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 training, 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:**

Procured consultant October 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			0	700,000	450,000				1,150,000
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	0	0	700,000	3,750,000	0	0	0	4,450,000

FUNDING SCHEDULE

R7000 Future Bonds			0	700,000	3,750,000				4,450,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	700,000	3,750,000	0	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:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Bynum Ridge Replacement Sewer**SEWER****COUNCIL DISTRICT: C****LOCATION: Bynum Ridge Subdivision****S156010****PROJECT DESCRIPTION / JUSTIFICATION:**

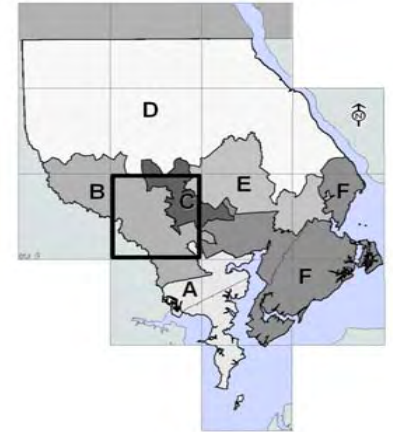
This project is located in the Bynum Ridge subdivision adjacent to Bowles Terrace and consists of two phases.

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 the Rules and Regs.

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:**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	200,000		200,000					175,000	375,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	0	200,000	0	0	0	0	175,000	375,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000					175,000	375,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	0	200,000	0	0	0	0	175,000	375,000

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:

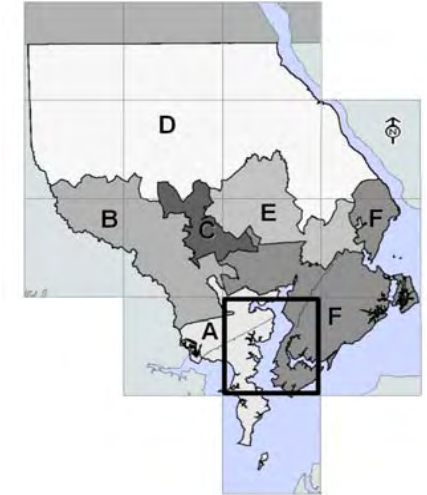
Expended	0
Encumbered	0
Total	\$0

PROJECT: Edgewood Interceptor Sewer Parallel**SEWER****COUNCIL DISTRICT: A****LOCATION: Edgewood, MD****S106712****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the design and construction of approximately 5,300 linear feet of 30 inch parallel sewer between Bill Bass Pump Station and contract #6044 (Winter's Run Outfall).

PROJECT SCHEDULE:**PROJECT STATUS:**

Design is underway

**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	400,000		400,000						400,000
Land Acquisition	100,000		100,000						100,000
Construction			0		10,000,000	3,100,000			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	10,500,000	3,600,000	0	0	14,600,000

FUNDING SCHEDULE

R7100 Prior Bonds	500,000		500,000						500,000
R7000 Future Bonds			0		10,500,000	3,600,000			14,100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	0	10,500,000	3,600,000	0	0	14,600,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$44,173

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/16:

Expended	155,631
Encumbered	311,488
Total	\$467,119

PROJECT: Infiltration and Inflow

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

SEWER

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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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 3/1/15:

Expended	107,499
Encumbered	0
Total	<u>\$107,499</u>

PROJECT: Renewal and Replacement Sewer Infrastructure

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

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 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		200,000	200,000	200,000		1,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	600,000	0	600,000	0	200,000	200,000	200,000	0	1,200,000

FUNDING SCHEDULE

R8750 Paygo	600,000		600,000		200,000	200,000	200,000		1,200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	0	600,000	0	200,000	200,000	200,000	0	1,200,000

OPERATING BUDGET IMPACT:

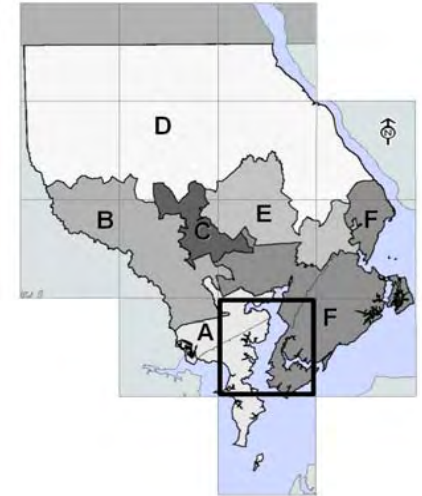
Estimated Annual Debt Service Cost: N/A
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	113,548
Encumbered	0
Total	<u>\$113,548</u>

PROJECT: Town Center Drive Pump Station Replacement**SEWER****COUNCIL DISTRICT: A****LOCATION: Joppatowne, MD****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction			0			1,200,000			1,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	350,000	0	350,000	0	0	1,200,000	0	0	1,550,000

FUNDING SCHEDULE

R8750 Paygo	350,000		350,000			1,200,000			1,550,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	1,200,000	0	0	1,550,000

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 3/1/15:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Upper Bynum Run Infiltration and Inflow**SEWER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Bel Air/Abingdon****S096663****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will help to reduce infiltration and inflow (I&I) from the Upper Bynum Run sewer system. Reducing the I&I would allow the planned development to continue on the timeline projected in the County's comprehensive land use plan, without significantly and costly expansions of conveyance and treatment facilities. This project covers the portion of the Bynum Run system that is north of Wheel Road and includes all methods normally practiced to locate and remove I&I.

PROJECT SCHEDULE:**PROJECT STATUS:**

Continue to seek and remove.

**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	3,400,000		3,400,000	1,000,000	1,000,000	1,000,000	1,000,000		7,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,400,000	0	3,400,000	1,000,000	1,000,000	1,000,000	1,000,000	0	7,400,000

FUNDING SCHEDULE

R8750 Paygo	3,400,000		3,400,000	1,000,000	1,000,000	1,000,000	1,000,000		7,400,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	3,400,000	0	3,400,000	1,000,000	1,000,000	1,000,000	1,000,000	0	7,400,000

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 3/1/15:

Expended 1,374,433

Encumbered 0

Total \$1,374,433

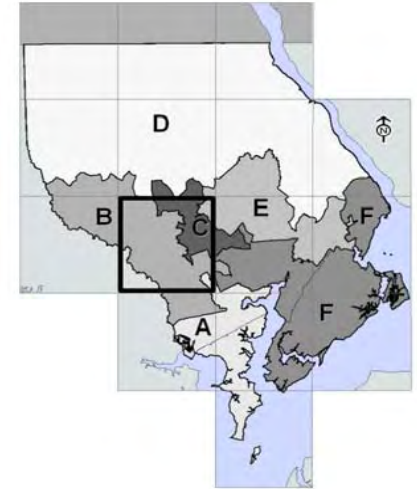
OPEN/ACTIVE PROJECTS

PROJECT: Bel Air Infiltration and Inflow**COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****SEWER****S096702****PROJECT DESCRIPTION / JUSTIFICATION:**

Under a MOU between the County and the Town of Bel Air, this project shall allow for the rehabilitation of the existing sewers with excessive infiltration and inflow (I&I) inside the Town boundaries. The Town has had a long standing I&I problem that has plagued the County's interceptor system during heavy rain events. The removal of this excess flow will help decrease the load on the current County's sewer system.

PROJECT SCHEDULE:**PROJECT STATUS:**

Currently awaiting a commitment from the Town of Bel Air.

**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	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 3/1/2015:

Expended	48,325
Encumbered	0
Total	\$48,325

PROJECT: Chlorine Replacement Program WWTP**SEWER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Joppatowne and Sod Run****S116717****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall allow for the design and construction of gaseous chlorine conversion alternatives for the County's two wastewater treatment plants. The conversion will enhance the safety of not only the workers, but the surrounding communities. In addition, if there is any leftover Environmental Protection Agency (EPA) grant money from the UV project, the remaining grant money can be used to offset any local share of Enhanced Nutrient Removal (ENR) funds that are not covered by Maryland Department of the Environment's (MDE's) ENR Grant at Sod Run or the Joppatowne WWTP. ENR Grant funds can be used as the County's 45% grant match.

PROJECT SCHEDULE:

FY 12: Joppatowne design

FY 14: Joppatowne construction

**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 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	175,000		175,000						175,000
Land Acquisition			0						0
Construction	485,000		485,000						485,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	660,000	0	660,000	0	0	0	0	0	660,000

FUNDING SCHEDULE

R7100 Prior Bonds	175,000		175,000						175,000
R3199 Federal Other	485,000		485,000						485,000
			0						0
			0						0
			0						0
			0						0
Total Funds	660,000	0	660,000	0	0	0	0	0	660,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$18,624

Annual Operating/Maintenance Cost: N/A

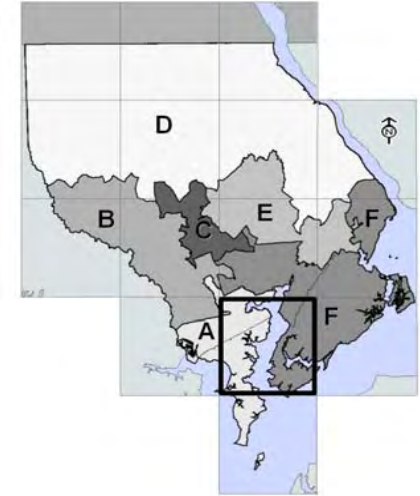
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	660,000
Encumbered	0
Total	\$660,000

PROJECT: Church Creek Pump Station Replacement**SEWER****COUNCIL DISTRICT: E****LOCATION: Mitchell Lane, Perryman****S016613****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will replace the existing 4.32 mgd sewer pump station with a new 10 mgd station. Expanded capacity is required for the anticipated growth within the drainage area of the 1996 land use plan. This project will also include a 24 inch sewer replacement in Mitchell Lane as well as two interconnections between the Church Creek Collector and the Parallel Sewer along Rt. 40. Funds for the project are to be provided by developer builder surcharges currently in effect.

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

Construction is complete, project is in claims settlement with a contractor.

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	900,000		900,000						900,000
Land Acquisition			0						0
Construction	9,200,000		9,200,000						9,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	10,100,000	0	10,100,000	0	0	0	0	0	10,100,000

FUNDING SCHEDULE

R7100 Prior Bonds	9,000,000		9,000,000						9,000,000
R6330 Developer	1,100,000		1,100,000						1,100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	10,100,000	0	10,100,000	0	0	0	0	0	10,100,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$886,489

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	8,250,048
Encumbered	0
Total	\$8,250,048

PROJECT: ENR at Joppatowne

COUNCIL DISTRICT: MULTIPLE

LOCATION: Joppa, MD

SEWER

S096705

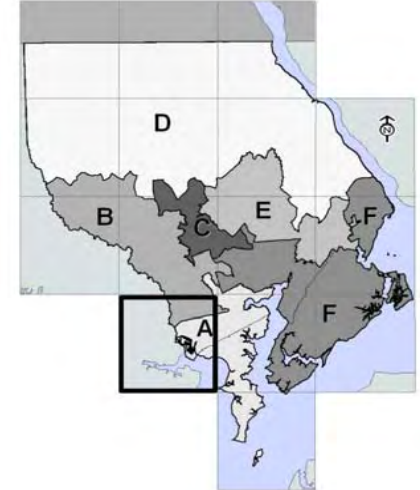
PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide for Enhanced Nutrient Removal (ENR) at the Joppatowne Wastewater Treatment Plant. ENR is required to meet MDE goals of 3mg/l nitrogen and 0.3 mg/l of total phosphorus. This project is 100% grant funded through the Maryland Department of the Environment.

PROJECT SCHEDULE:

PROJECT STATUS:

Under construction, project is 90% 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	400,000		400,000						400,000
Land Acquisition			0						0
Construction	5,100,000		5,100,000						5,100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	5,500,000	0	5,500,000	0	0	0	0	0	5,500,000

FUNDING SCHEDULE

R3399 State Other	5,000,000		5,000,000						5,000,000
R7100 Prior Bonds	500,000		500,000						500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	5,500,000	0	5,500,000	0	0	0	0	0	5,500,000

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$45,000

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

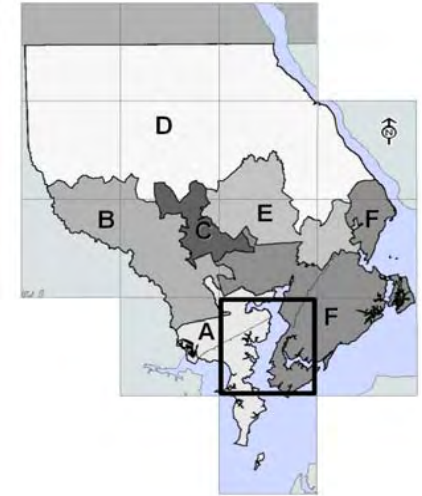
Expended 3,402,406

Encumbered 0

Total \$3,402,406

PROJECT: ENR Refinement at Sod Run**COUNCIL DISTRICT: F****LOCATION: Perryman, MD****SEWER****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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:

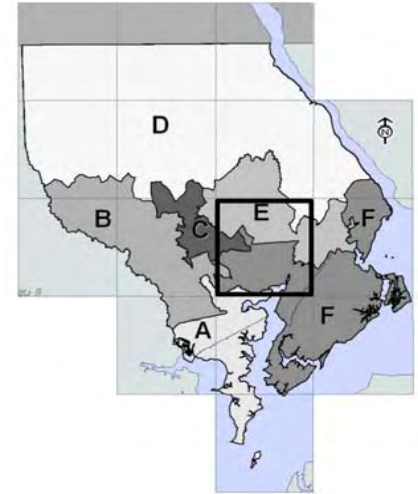
Estimated Annual Debt Service Cost: \$964,133
 Annual Operating/Maintenance Cost: >\$500,000
 New Positions (FTE's): 3-6

Financial Activity as of 3/1/15:

Expended	44,397,568
Encumbered	263,241
Total	\$44,660,809

PROJECT: Green Ridge Pump Station Replacement**COUNCIL DISTRICT: E****LOCATION: Bel Air, MD****SEWER****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:

Construction complete. Project closeout phase.

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	1,500,000		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: \$128,617

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

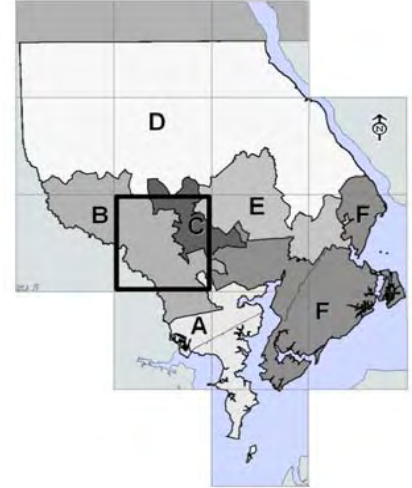
Expended 1,098,518

Encumbered 52,754

Total \$1,151,272

PROJECT: Harford Estates Pump Station Abandonment**SEWER****COUNCIL DISTRICT: C****LOCATION: Forest Hill, MD****S036632****PROJECT DESCRIPTION / JUSTIFICATION:**

This project will provide the Division their share of the cost for the abandonment of the Harford Estates PS, with the proposed new pumping station on the Blake property. As the Blake property develops, it will be required to construct a regional pump station that will provide the capacity to eliminate three existing Harford County pumping stations. It is anticipated that the developer's cost will be approximately 25% of the new pump station, and 85% of the force main in accordance with the 2006 policy statement. This project will alleviate the County's cost to rehabilitate three very old stations and provide efficiency to the County in operational cost savings.

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

Project complete; requires remaining bond funds.

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	1,164,206		1,164,206						1,164,206
Land Acquisition			0						0
Construction	4,367,894		4,367,894						4,367,894
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	5,532,100	0	5,532,100	0	0	0	0	0	5,532,100

FUNDING SCHEDULE

R8750 Paygo	370,000		370,000						370,000
R7100 Prior Bonds	2,760,794		2,760,794						2,760,794
R6330 Developer	2,112,100		2,112,100						2,112,100
R8770 Reappropriated	289,206		289,206						289,206
			0						0
			0						0
Total Funds	5,532,100	0	5,532,100	0	0	0	0	0	5,532,100

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$202,852

Annual Operating/Maintenance Cost: N/A

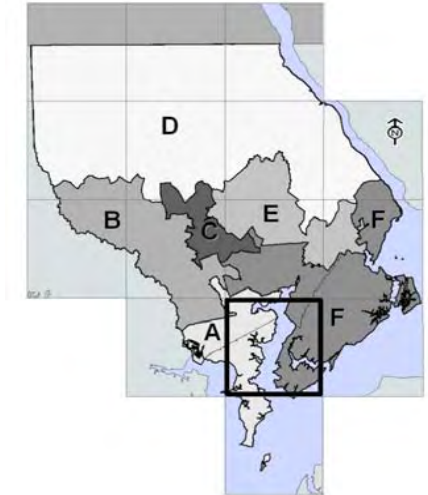
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	3,713,962
Encumbered	2,967
Total	<u>\$3,716,929</u>

PROJECT: Harford WWTP Facility Improvements**SEWER****COUNCIL DISTRICT: MULTIPLE****LOCATION: Sod Run & Joppatowne WWTP****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 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	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 3/1/15:

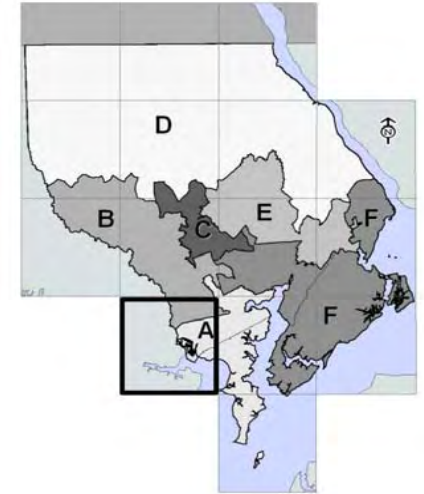
Expended	2,045
Encumbered	381
Total	\$2,426

PROJECT: Joppatowne Pump Station No. 47**COUNCIL DISTRICT: A****LOCATION: Joppa, MD****SEWER****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 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	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: \$348,142

Annual Operating/Maintenance Cost: N/A

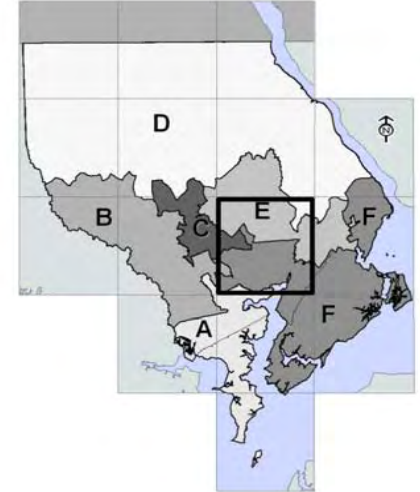
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	288,119
Encumbered	26,316
Total	\$314,435

PROJECT: Lower Bynum Run**SEWER****COUNCIL DISTRICT: F****LOCATION: South of I-95 to Bush Creek****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 2016 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	
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:

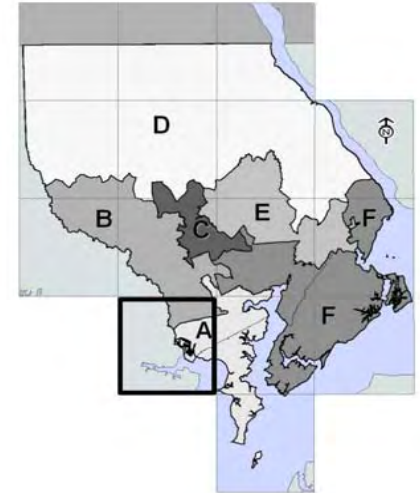
Estimated Annual Debt Service Cost: \$754,070
Annual Operating/Maintenance Cost: N/A
New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	8,318,131
Encumbered	96,106
Total	\$8,414,237

PROJECT: Oaklyn Manor/Joppa Area Sewer Relief**SEWER****COUNCIL DISTRICT: A****LOCATION: Joppa, MD****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 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	1,950,300		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: \$86,203

Annual Operating/Maintenance Cost: N/A

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

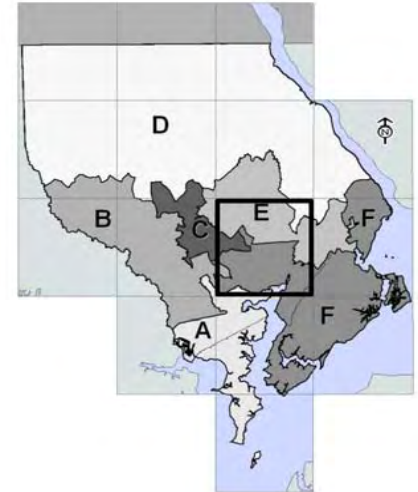
Expended	1,464,291
Encumbered	0
Total	\$1,464,291

PROJECT: Plumtree Collector Parallel Phase 2**COUNCIL DISTRICT: C****LOCATION: Bel Air, MD****SEWER****S036636****PROJECT DESCRIPTION / JUSTIFICATION:**

This project shall provide for the design and construction, using pipe bursting and a short section of parallel line. The project is required along the existing Plumtree Collector Sewer from SSCAP (MF#010126-001 to MH#01-126-009). This phase is through the community of Glenwood Garth to the edge of the Bradford Village community for approximately 1,600 linear feet. The project will be funded by a drainage area surcharge placed on all new connections. Monies are currently being held in escrow.

PROJECT SCHEDULE:**PROJECT STATUS:**

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 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			0						0
Land Acquisition	100,000		100,000						100,000
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

R6999 Other	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 3/1/15:

Expended	55,964
Encumbered	0
Total	\$55,964

PROJECT: Sod Run WWTP - Sludge Pad Cover**SEWER****COUNCIL DISTRICT: F****LOCATION: Sod Run - Perryman****S126725****PROJECT DESCRIPTION / JUSTIFICATION:**

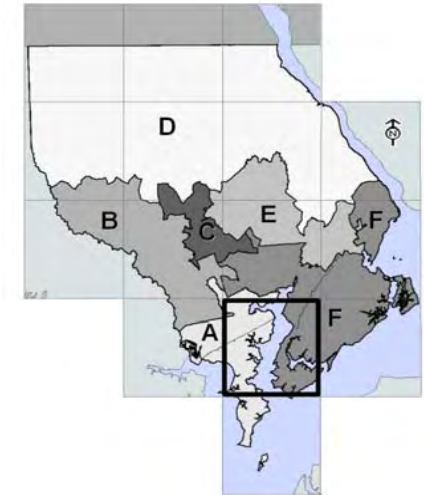
This project will provide funding for construction of a roof over a portion of Sod Run's existing sludge storage pad. The roof will improve the effectiveness of the sludge storage process and reduce sludge hauling and disposal costs.

PROJECT SCHEDULE:

FY 12 - FY 13: Construction

PROJECT STATUS:

Project is complete and awaiting final payment.

**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	70,000		70,000						70,000
Land Acquisition			0						0
Construction	680,763		680,763						680,763
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	750,763	0	750,763	0	0	0	0	0	750,763

FUNDING SCHEDULE

R7100 Prior Bonds	750,763		750,763						750,763
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	750,763	0	750,763	0	0	0	0	0	750,763

OPERATING BUDGET IMPACT:

Estimated Annual Debt Service Cost: \$60,066

Annual Operating/Maintenance Cost: Decreased disposal costs

New Positions (FTE's): N/A

Financial Activity as of 3/1/15:

Expended	706,640
Encumbered	0
Total	<u>\$706,640</u>

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 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	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 3/1/15:

Expended	214,475
Encumbered	7,824
Total	<u>\$222,299</u>

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