



HARFORD COUNTY

CAPITAL BUDGET & CAPITAL IMPROVEMENT PROGRAM



APPROVED
FISCAL YEAR 2024

ROBERT G. CASSILLY, COUNTY EXECUTIVE

HARFORD COUNTY, MARYLAND
APPROVED ANNUAL CAPITAL BUDGET AND
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2023-2024



ROBERT G. CASSILLY, COUNTY EXECUTIVE

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Council President

Patrick S. Vincenti

Dion F. Guthrie - District A

Aaron D. Penman - District B

Tony "G" Giangiardano - District C

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Jessica Boyle-Tsottles - District E

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July, 2023

County Executive



Robert G. Cassilly

Harford County Council



Council President
Patrick S. Vincenti



District A
Dion Guthrie



District B
Aaron Penman



District C
Tony "G"
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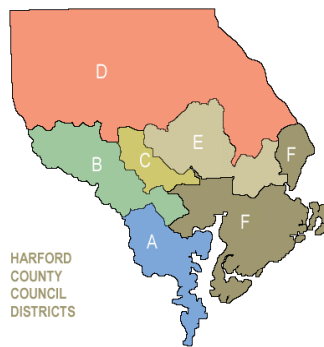
District D
James Reilly



District E
Jessica
Boyle-Tsottles



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Jacob Bennett





GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
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**Harford County
Maryland**

For the Fiscal Year Beginning

July 01, 2022

Christopher P. Morill

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, 2022.

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 2023-2024
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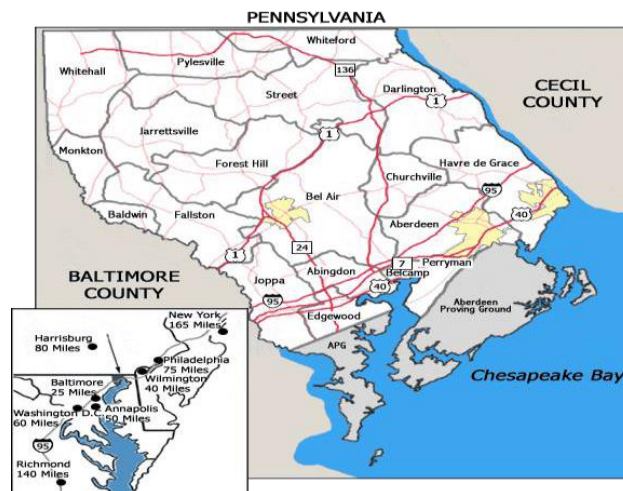
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I COUNTY OVERVIEW

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

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 potential 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.

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.
- 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:

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 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. We will plan for and preserve a prescribed year-end fund balance to maintain our credit rating, and to provide for emergency needs.
- e. 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 10% 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.
- 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 CapitalImprovement Plan and update it.
- 2 CAPITAL IMPROVEMENTS** – will be annually enacted by the County based on the Five-Year Plan.

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 maybe 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 aspecial 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 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 the following 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.
- 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.
- g. THE WATERSHED MANAGEMENT FUND is a special account for deposit of a certain portion of the recordation tax, \$0.55 for each \$500 of the sale price for each property deed recorded. To be used for watershed protection and restoration.
- h. THE TAX INCREMENT FINANCING FUND is a special fund for the deposit of a certain portion of the real property tax collected in a development district and used to finance or reimburse the cost of special obligation bonds for certain public improvements relating to the district without constituting a general obligation of the County.

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.

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 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 solely 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 ~~payment~~ 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 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.

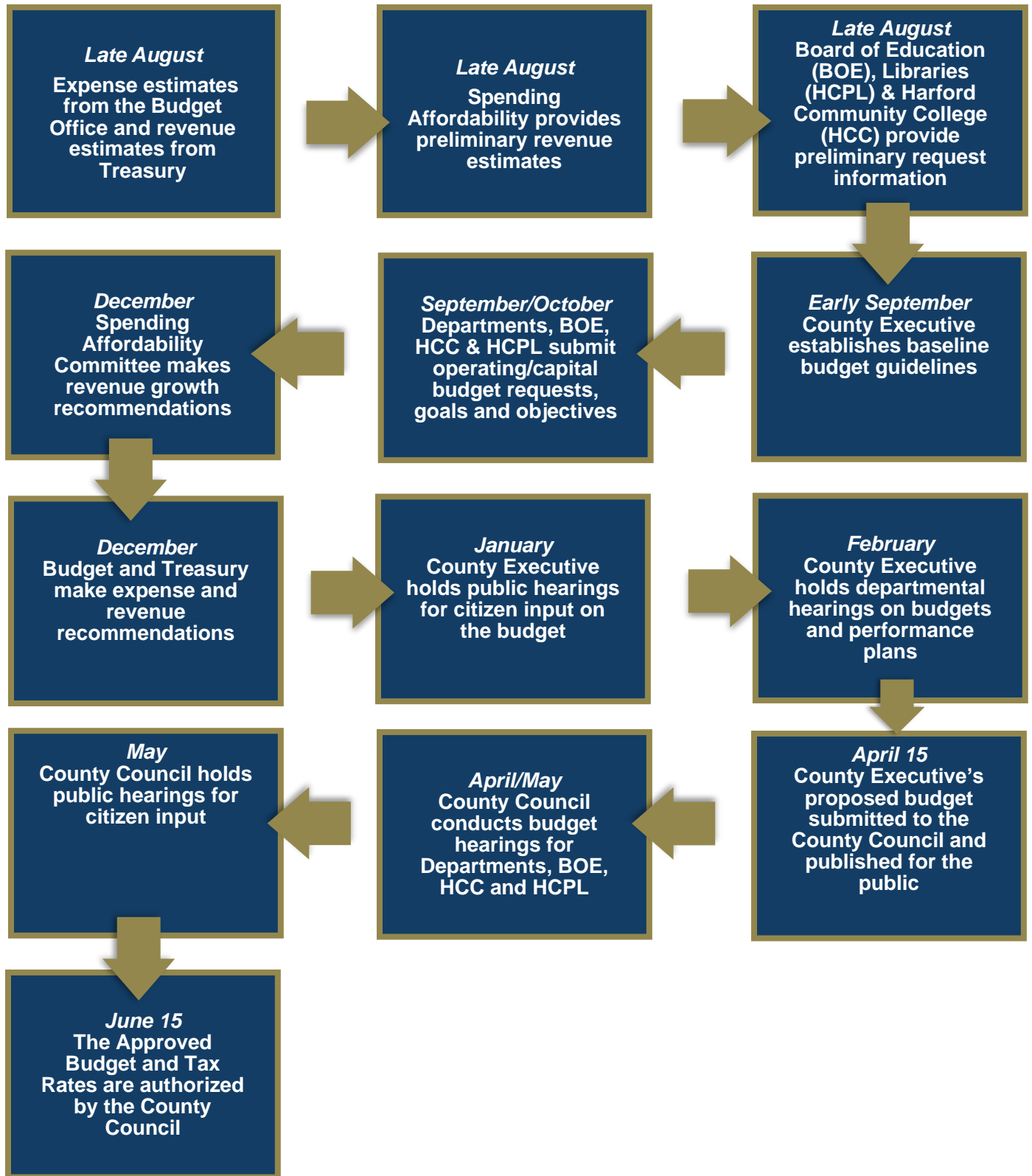
Effective December 4, 2009 and enacted by Bill Number 09-37, the impact fee is assessed per dwelling unit at the following rate (exemptions for elderly and Continuing Care Retirement Communities do apply):

<u>Type of Residential Development</u>	
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.

THE BUDGET PROCESS



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.

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.

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.

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.

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 sizable 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 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.

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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TOTAL COUNTY BY PROJECT CATEGORY

GENERAL FUND

General Capital	387,544,002	280,777,002	66,267,000	12,750,000	6,225,000	6,650,000	7,225,000	7,650,000
Solid Waste Services	28,376,723	26,301,723	175,000	550,000	175,000	500,000	175,000	500,000
Public Safety	140,748,840	101,306,340	14,510,000	10,727,500	4,327,500	3,437,500	3,537,500	2,902,500
Harford Community College	66,780,169	36,637,169	16,715,000	13,428,000	0	0	0	0
Libraries	22,499,009	13,585,100	4,382,000	3,731,909	200,000	200,000	200,000	200,000
Board of Education	586,343,811	312,076,569	86,758,642	77,248,600	54,280,000	54,980,000	500,000	500,000

TOTAL GENERAL FUND	1,232,292,554	770,683,903	188,807,642	118,436,009	65,207,500	65,767,500	11,637,500	11,752,500
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WATERSHED MANAGEMENT	165,839,037	91,989,037	11,850,000	12,000,000	12,200,000	12,400,000	12,600,000	12,800,000
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PARKS AND RECREATION	231,902,835	138,537,835	15,190,000	24,775,000	9,855,000	13,835,000	12,585,000	17,125,000
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HIGHWAYS FUND

Bridges	100,220,915	43,615,915	8,050,000	10,825,000	10,075,000	8,760,000	10,375,000	8,520,000
Roadways	74,138,455	56,278,455	2,410,000	2,435,000	2,235,000	2,885,000	3,985,000	3,910,000
Resurfacing	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
Miscellaneous	75,907,250	45,407,250	3,425,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000

TOTAL HIGHWAYS	353,914,490	189,999,490	23,210,000	27,260,000	26,910,000	26,945,000	30,360,000	29,230,000
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WATER & SEWER FUND

Water	82,004,160	38,665,540	12,838,620	10,500,000	5,550,000	7,200,000	4,600,000	2,650,000
Sewer	180,424,615	107,073,877	4,000,738	9,050,000	15,900,000	11,650,000	16,050,000	16,700,000
W&S Miscellaneous	37,050,650	22,800,650	3,750,000	2,000,000	2,250,000	2,000,000	2,250,000	2,000,000

TOTAL WATER & SEWER	299,479,425	168,540,067	20,589,358	21,550,000	23,700,000	20,850,000	22,900,000	21,350,000
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COUNTY TOTAL BY PROJECTS	2,283,428,341	1,359,750,332	259,647,000	204,021,009	137,872,500	139,797,500	90,082,500	92,257,500
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TOTAL COUNTY BY FUND SOURCE

PAYGO	478,305,788	285,243,288	39,013,000	31,224,500	29,162,500	29,307,500	31,822,500	32,532,500
FUTURE BONDS	401,012,475	0	102,590,000	94,437,475	63,145,000	62,655,000	37,685,000	40,500,000
PRIOR BONDS	680,651,876	680,651,876	0	0	0	0	0	0
REAPPROPRIATED	18,934,579	13,934,579	5,000,000	0	0	0	0	0
TRANSFER TAX	21,984,535	12,484,535	9,500,000	0	0	0	0	0
RECORDATION TAX	72,837,553	42,686,953	15,000,600	3,015,000	2,540,000	3,560,000	3,185,000	2,850,000
STATE	387,385,034	196,853,909	45,922,000	58,554,125	33,890,000	36,190,000	7,500,000	8,475,000
FEDERAL	103,578,276	70,978,276	7,165,000	6,065,000	4,720,000	4,360,000	6,090,000	4,200,000
DEVELOPER/OTHER	97,197,208	39,375,899	31,456,400	10,724,909	4,415,000	3,725,000	3,800,000	3,700,000
LEASE PURCHASE	2,041,017	2,041,017	0	0	0	0	0	0
LEASE REVENUE	19,500,000	15,500,000	4,000,000	0	0	0	0	0

COUNTY TOTAL BY FUND SOURCE	2,283,428,341	1,359,750,332	259,647,000	204,021,009	137,872,500	139,797,500	90,082,500	92,257,500
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM BY PROJECT

GENERAL CAPITAL

FY 24 Funded Projects

Board of Education Debt Service 24	26,500,600	0	26,500,600	0	0	0	0	0
Broadband Infrastructure	32,820,000	25,000,000	7,820,000	0	0	0	0	0
County Owned SWM Rehab/Repair	2,200,000	550,000	650,000	200,000	200,000	200,000	200,000	200,000
Courthouse Building Repairs	10,334,900	10,034,900	300,000	0	0	0	0	0
Demolition of Abandoned Bldgs.	300,000	0	150,000	0	75,000	0	75,000	0
Efficiency Capital Investment	1,685,400	1,485,400	200,000	0	0	0	0	0
Facility Repair/Life Cycle Program	7,700,000	5,000,000	200,000	500,000	500,000	500,000	500,000	500,000
Fleet Replacement	49,065,000	20,540,000	3,425,000	4,100,000	4,500,000	5,000,000	5,500,000	6,000,000
Harford Metro Area Net. (HMAN)	32,280,000	28,280,000	4,000,000	0	0	0	0	0
Maintenance/Repair County Dams	1,400,000	450,000	450,000	100,000	100,000	100,000	100,000	100,000
Maint/Repair of Stormwater Fac.	3,750,000	1,000,000	1,000,000	350,000	350,000	350,000	350,000	350,000
Major Reno/Const. Co. Facilities	6,500,000	0	4,000,000	500,000	500,000	500,000	500,000	500,000
Refresh Program	7,253,478	4,353,478	2,900,000	0	0	0	0	0
Safeguarding Business Operations	22,275,400	19,625,400	2,650,000	0	0	0	0	0
Site Acquisition	38,104,161	26,607,761	11,496,400	0	0	0	0	0
Southern County Task Force	525,000	0	525,000	0	0	0	0	0

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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GENERAL CAPITAL

Outyear Projects

HCSO Central Precinct/Training Ac.	29,500,000	22,500,000	0	7,000,000	0	0	0	0
Open Projects								
Abingdon Library Windows/HVAC	1,259,000	1,259,000	0	0	0	0	0	0
African American Heritage Prog.	1,000,000	1,000,000	0	0	0	0	0	0
Board of Education Debt Service 23	31,700,000	31,700,000	0	0	0	0	0	0
Disparity Study	600,000	600,000	0	0	0	0	0	0
Facilities Repair Program	39,518,213	39,518,213	0	0	0	0	0	0
Fleet Maintenance Facility	16,126,000	16,126,000	0	0	0	0	0	0
Harford Ag Research/Expo Center	2,800,000	2,800,000	0	0	0	0	0	0
Hazard/Flood Mitigation Program	500,000	500,000	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0
Lease/SBITA Assets	11,500,000	11,500,000	0	0	0	0	0	0
Maintenance/Repair of SW Fac.	872,850	872,850	0	0	0	0	0	0
MD 924 Small Area Critical Plan	300,000	300,000	0	0	0	0	0	0
Reforestation & Buffer Mitigation	100,000	100,000	0	0	0	0	0	0
Reforestation and Landscaping	680,000	680,000	0	0	0	0	0	0
Underground/Aboveground Tank	1,344,000	1,344,000	0	0	0	0	0	0

GENERAL CAPITAL BY PROJECT	387,544,002	280,777,002	66,267,000	12,750,000	6,225,000	6,650,000	7,225,000	7,650,000
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Paygo	77,338,491	54,163,491	7,925,000	2,100,000	2,575,000	3,000,000	3,575,000	4,000,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	12,300,000	7,300,000	5,000,000	0	0	0	0	0
Future Bonds	30,300,000	0	18,300,000	8,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Prior Bonds	133,860,069	133,860,069	0	0	0	0	0	0
Transfer Tax	20,500,000	11,000,000	9,500,000	0	0	0	0	0
Recordation Tax	25,400,600	13,400,000	12,000,600	0	0	0	0	0
State	18,572,979	14,002,979	4,570,000	0	0	0	0	0
Federal	33,590,692	29,815,692	3,775,000	0	0	0	0	0
Developer/Other	22,621,171	4,174,771	5,196,400	2,650,000	2,650,000	2,650,000	2,650,000	2,650,000
Lease Purchase	1,560,000	1,560,000	0	0	0	0	0	0
Lease Revenue	11,500,000	11,500,000	0	0	0	0	0	0

GENERAL CAPITAL BY FUND	387,544,002	280,777,002	66,267,000	12,750,000	6,225,000	6,650,000	7,225,000	7,650,000
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WATERSHED MANAGEMENT

FY 24 Projects

Bynum Run Watershed Rest.	7,250,000	1,300,000	950,000	1,300,000	800,000	1,300,000	800,000	800,000
County Watershed Rest/Improve.	32,300,000	3,700,000	6,600,000	4,200,000	4,300,000	4,400,000	4,500,000	4,600,000
Joppatowne Watershed Rest.	3,800,000	0	300,000	400,000	900,000	400,000	900,000	900,000
Middle Bynum Run Watershed	1,000,000	1,650,000	(650,000)	0	0	0	0	0
Riverside Area Watershed	5,300,000	1,700,000	600,000	900,000	400,000	900,000	400,000	400,000
Septic System Disconnection 17	582,000	650,000	(68,000)	0	0	0	0	0
Septic System Disconnection 23	1,818,000	250,000	318,000	250,000	250,000	250,000	250,000	250,000
Stormwater Pollution Prevention	3,300,000	300,000	500,000	500,000	500,000	500,000	500,000	500,000
Sunnyview Stream Restoration	5,492,220	5,192,220	300,000	0	0	0	0	0
Watershed Restoration Improve.	13,813,555	2,313,555	2,500,000	2,100,000	1,600,000	2,100,000	1,600,000	1,600,000
Watershed Restoration Maint.	4,550,000	300,000	500,000	550,000	650,000	750,000	850,000	950,000

Outyear Projects

Plumtree Run Watershed Rest.	3,500,000	0	0	400,000	900,000	400,000	900,000	900,000
Sams Branch Watershed Rest.	3,500,000	0	0	400,000	900,000	400,000	900,000	900,000
Watershed Restoration Assess.	6,200,000	1,200,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Open Projects

County Watershed Rest. 16	19,175,000	19,175,000	0	0	0	0	0	0
Joppatowne Watershed Rest. 12	5,950,000	5,950,000	0	0	0	0	0	0
Plumtree Run Watershed Rest. 12	8,643,452	8,643,452	0	0	0	0	0	0
Riverside Area Watershed 15	4,560,886	4,560,886	0	0	0	0	0	0
Sams Branch Watershed Rest. 12	4,172,922	4,172,922	0	0	0	0	0	0
Stormwater Pollution Prevent. 12	1,581,395	1,581,395	0	0	0	0	0	0
Upper Bynum Run Watershed	4,000,000	4,000,000	0	0	0	0	0	0
Watershed Restoration Assess. 16	9,800,000	9,800,000	0	0	0	0	0	0
Watershed Rest. Improve 16	6,900,000	6,900,000	0	0	0	0	0	0
Watershed Rest. Maintenance 16	860,000	860,000	0	0	0	0	0	0
Wheel Creek Watershed Rest.	7,789,607	7,789,607	0	0	0	0	0	0

WATERSHED MGMNT BY PROJECT	165,839,037	91,989,037	11,850,000	12,000,000	12,200,000	12,400,000	12,600,000	12,800,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
WATERSHED MANAGEMENT								
Paygo	16,262,998	7,512,998	1,250,000	1,300,000	1,400,000	1,500,000	1,600,000	1,700,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	53,100,000	0	8,600,000	8,700,000	8,800,000	8,900,000	9,000,000	9,100,000
Prior Bonds	51,161,039	51,161,039	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	140,000	140,000	0	0	0	0	0	0
State	42,382,016	30,382,016	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Federal	2,667,984	2,667,984	0	0	0	0	0	0
Developer/Other	125,000	125,000	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0
WATERSHED MGMNT BY FUND	165,839,037	91,989,037	11,850,000	12,000,000	12,200,000	12,400,000	12,600,000	12,800,000
PUBLIC SAFETY								
FY 24 Projects								
Ambulance Acquisition/Replace.	1,000,000	0	1,000,000	0	0	0	0	0
Emergency Operations Ctr Phase II	5,000,000	0	5,000,000	0	0	0	0	0
HCDC Facility Repairs/Upgrades	3,640,000	2,040,000	1,600,000	0	0	0	0	0
HCSO Body Worn Camera Prog.	3,375,000	1,005,000	790,000	790,000	790,000	0	0	0
HCSO In-Car Camera System	3,075,000	400,000	535,000	535,000	535,000	535,000	535,000	0
HCSO Mobile Data Terminal Rep.	2,098,900	551,400	535,000	202,500	202,500	202,500	202,500	202,500
Mobile/Portable Radio System	8,965,000	8,365,000	100,000	100,000	100,000	100,000	100,000	100,000
Next-Gen 911	25,235,000	11,735,000	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Public Safety Comm in Schools	1,050,000	750,000	100,000	0	100,000	0	100,000	0
Susquehanna Hose Co. House 1	3,500,000	2,500,000	500,000	500,000	0	0	0	0
VFC Facility Repair	6,210,000	5,960,000	250,000	0	0	0	0	0
VFC Public Safety Equipment	7,725,000	4,125,000	600,000	600,000	600,000	600,000	600,000	600,000
Outyear Projects								
Riverside Fire and EMS Station	13,000,000	7,000,000	0	6,000,000	0	0	0	0
Open Projects								
Darlington VFC House #1	1,000,000	1,000,000	0	0	0	0	0	0
Emergency Ops Ctr Complex	37,494,525	37,494,525	0	0	0	0	0	0
HCSO Cell Site Simulator	600,000	600,000						
HCSO Computer Equipment	3,480,415	3,480,415	0	0	0	0	0	0
HCSO Crisis Negot/Cell Site Sim	600,000	600,000	0	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	6,000,000	0	0	0	0	0	0
Multi-Agency Mobile Command	1,800,000	1,800,000	0	0	0	0	0	0
North Harford Station	4,700,000	4,700,000	0	0	0	0	0	0
Whiteford VFC - Main Station Ren.	1,200,000	1,200,000	0	0	0	0	0	0
PUBLIC SAFETY BY PROJECT	140,748,840	101,306,340	14,510,000	10,727,500	4,327,500	3,437,500	3,537,500	2,902,500
Paygo	35,388,823	22,646,323	4,310,000	2,627,500	2,227,500	1,337,500	1,437,500	802,500
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	3,362,500	3,362,500	0	0	0	0	0	0
Future Bonds	13,200,000	0	6,700,000	6,100,000	100,000	100,000	100,000	100,000
Prior Bonds	56,416,500	56,416,500	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	25,598,000	12,098,000	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Federal	6,002,000	6,002,000	0	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0
Lease Purchase	481,017	481,017	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0
PUBLIC SAFETY BY FUND	140,748,840	101,306,340	14,510,000	10,727,500	4,327,500	3,437,500	3,537,500	2,902,500
HARFORD COMMUNITY COLLEGE								
FY 24 Projects								
Chesapeake Welcome Center	59,547,794	29,404,794	16,715,000	13,428,000	0	0	0	0
Open Projects								
Fallston Hall Renovations	7,232,375	7,232,375	0	0	0	0	0	0
HCC BY PROJECT	66,780,169	36,637,169	16,715,000	13,428,000	0	0	0	0

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HARFORD COMMUNITY COLLEGE

Paygo	0	0	0	0	0	0	0	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	11,125,000	0	10,800,000	325,000	0	0	0	0
Prior Bonds	21,904,000	21,904,000	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	31,818,169	14,733,169	5,915,000	11,170,000	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	1,933,000	0	0	1,933,000	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

HCC BY FUND	66,780,169	36,637,169	16,715,000	13,428,000	0	0	0	0
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LIBRARIES

FY 24 Projects

Bel Air Library Renovations	9,913,909	2,200,000	4,182,000	3,531,909	0	0	0	0
HCPL Technology	3,509,100	2,309,100	200,000	200,000	200,000	200,000	200,000	200,000

Open Projects

Darlington Library	56,000	56,000	0	0	0	0	0	
Havre de Grace Expansion	9,020,000	9,020,000	0	0	0	0	0	0

LIBRARIES BY PROJECT	22,499,009	13,585,100	4,382,000	3,731,909	200,000	200,000	200,000	200,000
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Paygo	3,565,100	2,365,100	200,000	200,000	200,000	200,000	200,000	200,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	575,000	0	575,000	0	0	0	0	0
Prior Bonds	7,520,000	7,520,000	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	6,007,000	2,400,000	3,607,000	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Developer/Other	4,431,909	900,000	0	3,531,909	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

LIBRARIES BY FUND	22,499,009	13,585,100	4,382,000	3,731,909	200,000	200,000	200,000	200,000
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BOARD OF EDUCATION

FY 24 Projects

Aberdeen MS HVAC Renovation	34,174,375	0	17,087,000	17,087,375	0	0	0	0
Athletic & Rec Repairs & Improve	1,645,507	871,507	437,000	337,000	0	0	0	0
Blueprint Facility Program	450,000	0	450,000	0	0	0	0	0
Educational Facility Program	10,190,247	7,290,247	2,900,000	0	0	0	0	0
Fleet Replacement	13,665,159	8,965,159	4,700,000	0	0	0	0	0
George D. Lisby HVAC Systemic	9,230,437	9,250,000	(19,563)	0	0	0	0	0
Harford Academy Major Project	124,260,000	0	16,000,000	0	53,780,000	54,480,000	0	0
HCPS Facilities Repair Program	5,573,665	5,173,665	400,000	0	0	0	0	0
HCPS Local Major Capital Projects	500,000	0	500,000	0	0	0	0	0
HCPS Site Improvements	5,753,156	4,255,000	1,498,156	0	0	0	0	0
Harford Technical HS Limited Reno	61,487,225	20,000,000	20,794,000	20,693,225	0	0	0	0
Healthy School Facility Fund	3,244,000	0	3,244,000	0	0	0	0	0
Life, Health, Safety & Compliance	8,193,311	6,066,311	2,127,000	0	0	0	0	0
Major HVAC	7,265,379	5,265,379	2,000,000	0	0	0	0	0
North Bend ES Central Plant	2,000,597	2,031,000	(30,403)	0	0	0	0	0
Relocatable Classrooms	5,407,852	4,907,852	500,000	0	0	0	0	0
Roof Replacement - Bel Air MS	5,929,285	5,977,475	(48,190)	0	0	0	0	0
Roof Replacement - HdG ES	2,870,000	0	2,870,000	0	0	0	0	0
Technology Infrastructure	18,870,502	5,020,860	11,349,642	500,000	500,000	500,000	500,000	500,000

Outyear Projects

Homestead Wakefield ES	82,568,000	43,937,000	0	38,631,000	0	0	0	0
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Open Projects

Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Abingdon ES Central Plant	2,378,000	2,378,000	0	0	0	0	0	0
Bakerfield Elementary School	1,260,000	1,260,000	0	0	0	0	0	0
Ctr. for Educational Opportunity	4,625,000	4,625,000	0	0	0	0	0	0
HCPS Facilities Master Plan	1,070,000	1,070,000	0	0	0	0	0	0
HdG Middle/High School Replace.	99,268,000	99,268,000	0	0	0	0	0	0
Meadowvale Elementary School	870,000	870,000	0	0	0	0	0	0

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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BOARD OF EDUCATION

Roof Replacement - Bakersfield ES	2,175,000	2,175,000	0	0	0	0	0	0
Roof Replacement - CEO Bldg	4,329,000	4,329,000	0	0	0	0	0	0
Roye Williams HVAC Systemic Ren.	11,720,000	11,720,000	0	0	0	0	0	0
Security Measures	2,481,600	2,481,600	0	0	0	0	0	0
Swan Creek HVAC Upgrades	3,135,000	3,135,000	0	0	0	0	0	0
Technology Education Lab Refresh	226,648	226,648						
Youth's Benefit ES Replacement	48,861,866	48,861,866	0	0	0	0	0	0

BOARD OF ED BY PROJECT	586,343,811	312,076,569	86,758,642	77,248,600	54,280,000	54,980,000	500,000	500,000
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Paygo	22,992,000	18,673,000	1,482,000	837,000	500,000	500,000	500,000	500,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	640,000	640,000	0	0	0	0	0	0
Future Bonds	132,637,475	0	42,380,000	36,127,475	26,890,000	27,240,000	0	0
Prior Bonds	190,114,132	190,114,132	0	0	0	0	0	0
Transfer Tax	1,484,535	1,484,535	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	199,399,666	82,770,541	22,215,000	40,284,125	26,890,000	27,240,000	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	39,076,003	18,394,361	20,681,642	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

BOARD OF ED BY FUND	586,343,811	312,076,569	86,758,642	77,248,600	54,280,000	54,980,000	500,000	500,000
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SUB-TOTAL GENERAL FUND	1,369,754,868	836,371,217	200,482,642	129,886,009	77,232,500	77,667,500	24,062,500	24,052,500
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SOLID WASTE SERVICES

FY 24 Projects

Environmental Studies & Projects	433,801	233,801	50,000	50,000	50,000	0	50,000	0
HWDC Landfill Capping	10,070,000	9,695,000	125,000	0	125,000	0	125,000	0

Outyear Projects

Solid Waste Facilities Repair	3,500,000	2,000,000	0	500,000	0	500,000	0	500,000
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Open Projects

HWDC Compost Area Facilities	484,088	484,088	0	0	0	0	0	0
Scarboro Landfill Groundwater	250,000	250,000	0	0	0	0	0	0
Tollgate Yard Trim Recycling Ctr	475,081	475,081	0	0	0	0	0	0
Waste-to-Energy Closure	13,163,753	13,163,753	0	0	0	0	0	0

SOLID WASTE BY PROJECT	28,376,723	26,301,723	175,000	550,000	175,000	500,000	175,000	500,000
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Paygo	24,443,321	23,868,321	175,000	50,000	175,000	0	175,000	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	1,500,000	0	0	500,000	0	500,000	0	500,000
Prior Bonds	2,433,402	2,433,402	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

SOLID WASTE BY FUND	28,376,723	26,301,723	175,000	550,000	175,000	500,000	175,000	500,000
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TOTAL ALL GENERAL FUND	1,398,131,591	862,672,940	200,657,642	130,436,009	77,407,500	78,167,500	24,237,500	24,552,500
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PARKS & RECREATION

FY 24 Projects

Athletic Field Improvements	41,550,000	25,550,000	3,000,000	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000
Bulkhead Renovations	2,055,000	40,000	515,000	0	500,000	500,000	0	500,000
Cedar Lane Park Improvements	4,500,000	0	3,000,000	1,500,000	0	0	0	0
Edgewood Recreation Park	650,000	50,000	450,000	0	0	150,000	0	0
Emily Bayless Graham Park	4,395,000	3,395,000	250,000	0	750,000	0	0	0
Equestrian Center Improvements	1,565,000	650,000	365,000	0	300,000	0	250,000	0

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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PARKS & RECREATION

Facility Repairs & Renovations	1,649,000	799,000	100,000	100,000	150,000	150,000	150,000	200,000
Heavenly Waters Park - Soma	1,250,000	200,000	100,000	600,000	0	0	350,000	0
Norrisville Park	2,225,000	1,375,000	300,000	0	0	550,000	0	0
Northern Regional Park	2,575,000	825,000	1,250,000	0	0	0	0	500,000
Oakington Peninsula System	5,050,000	400,000	150,000	1,000,000	0	1,000,000	0	2,500,000
Outdoor AED Construction	230,000	30,000	30,000	30,000	30,000	30,000	30,000	50,000
Park Improvements	575,000	255,000	50,000	50,000	50,000	50,000	50,000	70,000
Parking Lot Paving	2,574,000	1,549,000	150,000	175,000	175,000	175,000	175,000	175,000
Parkland Acquisition	25,871,000	15,021,000	2,075,000	1,675,000	1,700,000	1,700,000	1,850,000	1,850,000
Perryman Park Development	1,650,000	120,000	730,000	800,000	0	0	0	0
Playground Equipment	8,540,000	6,315,000	175,000	150,000	400,000	500,000	500,000	500,000
Swan Harbor Farm Improvements	1,114,000	814,000	50,000	50,000	50,000	50,000	50,000	50,000
Tennis, Multipurpose/Pickleball	2,910,000	1,960,000	150,000	150,000	150,000	150,000	150,000	200,000
Trails & Linear Parks	29,850,000	18,200,000	2,000,000	1,250,000	1,000,000	1,500,000	2,950,000	2,950,000
Vale Road Park	2,225,000	125,000	300,000	1,800,000	0	0	0	0

Outyear Projects

ADA Improvements	1,130,000	470,000	0	100,000	140,000	140,000	140,000	140,000
Anita C. Leight Improvements	1,355,000	1,055,000	0	0	300,000	0	0	0
Backstop Renovations	555,000	270,000	0	50,000	65,000	40,000	65,000	65,000
Benson Field Development	975,000	100,000	0	0	0	175,000	0	700,000
Blake's Venture Park	1,100,000	0	0	100,000	0	1,000,000	0	0
Bleacher Renovations	970,000	590,000	0	80,000	0	0	150,000	150,000
Bush River Dredging/DMP	1,990,000	1,040,000	0	0	0	100,000	850,000	0
Canoe and Kayak Access	2,030,000	1,330,000	0	0	250,000	0	325,000	125,000
Chapel Road Park Improvements	400,000	0	0	0	0	0	200,000	200,000
Debris/Derelict Boats	200,000	100,000	0	0	100,000	0	0	0
Demarco Memorial Park Improve.	140,000	40,000	0	0	0	100,000	0	0
Disc Golf Course	100,000	50,000	0	50,000	0	0	0	0
Dog Park Construction/Improve.	963,500	673,500	0	90,000	0	100,000	100,000	0
Eden Mill Park Rehabilitation	2,380,000	1,255,000	0	500,000	0	125,000	500,000	0
Edgeley Grove Farm	1,040,000	140,000	0	150,000	0	750,000	0	0
Emmorton Rec & Tennis Ctr	2,995,000	2,195,000	0	0	400,000	0	0	400,000
Enlarged Gymnasiums & Joint Fac.	2,650,000	1,200,000	0	0	0	700,000	0	750,000
Flying Point Park Improvements	1,203,000	1,053,000	0	0	150,000	0	0	0
Graybeal Fields	125,000	0	0	125,000	0	0	0	0
Gunpowder River Dredging	3,684,000	2,234,000	0	0	250,000	1,200,000	0	0
Gymnasium Floor Repair & Reno	360,000	210,000	0	50,000	50,000	50,000	0	0
Jarrettsville Rec Complex/Ctr	5,860,775	4,710,775	0	1,000,000	0	0	0	150,000
Joppatowne Community Center	9,500,000	500,000	0	9,000,000	0	0	0	0
Mariner Point Park DMP Site	2,950,000	1,650,000	0	0	0	0	0	1,300,000
Prospect Mill Park	700,000	250,000	0	0	250,000	200,000	0	0
Robert Copenhaver Park Improve	800,000	300,000	0	0	0	0	250,000	250,000
Rockfield Park Improvements	370,000	270,000	0	0	100,000	0	0	0
Schucks Road Regional Complex	8,660,415	8,110,415	0	0	0	0	550,000	0
SWM Pond Repair & Renovation	1,475,000	1,025,000	0	150,000	0	150,000	0	150,000
Tollgate Woodshop	85,000	40,000	0	0	45,000	0	0	0
Tudor Hall Rehabilitation	400,000	0	0	0	0	0	200,000	200,000
12 Stones Park	2,000,000	250,000	0	1,500,000	0	0	250,000	0

Open Projects

Aberdeen Activity Center	9,000,000	9,000,000		0	0	0	0	0
Churchville Center Renovations	875,000	875,000	0	0	0	0	0	0
Churchville Complex Development	8,616,830	8,616,830	0	0	0	0	0	0
Darlington Park Development	1,985,000	1,985,000	0	0	0	0	0	0
Edgewood Rec & Comm Center	225,000	225,000	0	0	0	0	0	0
Forest Hill Rec Complex Improve	800,000	800,000	0	0	0	0	0	0
Fox Meadows Park Improvements	450,000	450,000	0	0	0	0	0	0
Francis Silver Park Improvements	425,000	425,000	0	0	0	0	0	0
Indoor Rec Fac. Forest Hill/Hickory	1,474,000	1,474,000	0	0	0	0	0	0
Mariner Point Park Renovations	736,000	736,000	0	0	0	0	0	0
Nuttal Avenue Park Development	650,000	650,000	0	0	0	0	0	0
Otter Point Creek Boat Launch	560,000	560,000	0	0	0	0	0	0
P&R Facility Development & Reno	2,656,315	2,656,315	0	0	0	0	0	0
Rock Glenn Park	1,300,000	1,300,000	0	0	0	0	0	0

PARKS & RECREATION BY PROJECT	231,902,835	138,537,835	15,190,000	24,775,000	9,855,000	13,835,000	12,585,000	17,125,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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PARKS & RECREATION

Paygo	4,265,322	3,965,322	50,000	50,000	50,000	50,000	50,000	50,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	1,579,415	1,579,415	0	0	0	0	0	0
Future Bonds	45,600,000	0	4,500,000	17,000,000	3,500,000	5,200,000	5,700,000	9,700,000
Prior Bonds	53,756,830	53,756,830	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	47,296,953	29,146,953	3,000,000	3,015,000	2,540,000	3,560,000	3,185,000	2,850,000
State	56,434,315	33,294,315	4,115,000	3,100,000	3,000,000	4,950,000	3,500,000	4,475,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0
Developer/Other	15,735,000	9,560,000	3,525,000	1,610,000	765,000	75,000	150,000	50,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

PARKS & RECREATION BY FUND	231,902,835	138,537,835	15,190,000	24,775,000	9,855,000	13,835,000	12,585,000	17,125,000
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HIGHWAYS - BRIDGES

FY 24 Projects

Ayres Chapel Road Bridge #116	1,400,000	400,000	25,000	0	975,000	0	0	0
Boggs Road Bridge #66	2,900,000	400,000	1,500,000	1,000,000	0	0	0	0
Bridge & Culvert Rehabilitation	14,600,000	7,400,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Bridge and Road Scour Repairs	4,075,000	2,475,000	350,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Program Over 20'	9,000,000	3,000,000	1,750,000	0	2,000,000	0	2,250,000	0
Bridge Painting	3,450,000	950,000	1,000,000	0	0	0	1,500,000	0
Deep Run Road Bridge #152	1,125,000	350,000	775,000	0	0	0	0	0
Johnson Mill Road Bridge #45	1,550,000	1,450,000	100,000	0	0	0	0	0
Moores Road Bridge #78	2,500,000	0	400,000	400,000	50,000	0	0	1,650,000
Rush Road Bridge #97	1,425,000	0	400,000	25,000	1,000,000	0	0	0
Scarboro Road Bridge #140	1,525,000	375,000	50,000	0	1,100,000	0	0	0
Stafford Road Bridge #162	1,825,000	400,000	400,000	25,000	0	0	0	1,000,000
Structural Evaluation	870,000	570,000	50,000	50,000	50,000	50,000	50,000	50,000
Trappe Church Road Bridge #161	2,500,000	700,000	50,000	0	0	1,750,000	0	0

Outyear Projects

Abingdon Road Bridge over CSX	10,230,000	7,730,000	0	2,500,000	0	0	0	0
Bridge Deck Replacements	1,400,000	0	0	0	0	0	400,000	1,000,000
Bridge Inspection Prog. Under 20	1,655,000	650,000	0	325,000	0	335,000	0	345,000
Chestnut Hill Rd Bridge #41	625,000	0	0	0	0	300,000	300,000	25,000
Cullum Road Bridge #12	725,000	0	0	0	350,000	350,000	25,000	0
Edwards Lane Culvert	1,050,000	0	0	0	0	1,050,000	0	0
Fawn Grove Road Bridge #132	1,785,000	10,000	0	400,000	50,000	0	1,325,000	0
Glenville Road Bridge #30	2,860,000	860,000	0	2,000,000	0	0	0	0
Grier Nursery Road Bridge #43	5,500,000	1,000,000	0	2,250,000	2,250,000	0	0	0
Hess Road Bridge #81	850,000	0	0	0	400,000	400,000	50,000	0
Hookers Mill Road Bridge #13	3,250,000	600,000	0	0	0	2,650,000	0	0
Kalmia Road Bridge #223	350,000	0	0	0	0	0	0	350,000
Lake Fanny Road Bridge #211	425,000	0	0	0	0	400,000	25,000	0
Madonna Road Bridge #113	3,250,000	600,000	0	0	0	0	2,650,000	0
Old Pylesville Road Bridge #138	400,000	0	0	0	0	0	0	400,000
St. Clair Bridge Road Bridge #100	2,725,000	0	0	400,000	400,000	25,000	0	1,900,000
Stafford Road Bridge #19	700,000	0	0	0	0	0	350,000	350,000

Open Projects

Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	2,065,000	0	0	0	0	0	0
Glen Cove Road Bridge #155	1,475,915	1,475,915	0	0	0	0	0	0
Phillips Mill Road Bridge #70	3,550,000	3,550,000	0	0	0	0	0	0
Stafford Road Bridge #24	3,755,000	3,755,000	0	0	0	0	0	0

BRIDGES BY PROJECT	100,220,915	43,615,915	8,050,000	10,825,000	10,075,000	8,760,000	10,375,000	8,520,000
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Paygo	18,394,762	13,789,762	400,000	625,000	300,000	635,000	1,000,000	1,645,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0
Future Bonds	19,700,000	0	785,000	4,135,000	5,055,000	3,765,000	3,285,000	2,675,000
Prior Bonds	14,308,915	10,833,915	3,475,000	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	47,748,000	18,923,000	3,390,000	6,065,000	4,720,000	4,360,000	6,090,000	4,200,000
Developer/Other	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

BRIDGES BY FUND	100,220,915	43,615,915	8,050,000	10,825,000	10,075,000	8,760,000	10,375,000	8,520,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - ROADWAYS

FY 24 Projects

Curb, Sidewalks, Handicap Ramps	2,800,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Drainage Improvements	2,875,000	1,925,000	200,000	150,000	150,000	150,000	150,000	150,000
Guardrails	2,315,000	1,440,000	125,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	7,466,728	5,066,728	400,000	400,000	400,000	400,000	400,000	400,000
New Roads & Stormdrains	4,125,000	3,025,000	100,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Rehabilitation	3,841,231	2,241,231	350,000	250,000	250,000	250,000	250,000	250,000
Streetlights	650,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000
Traffic Calming/Bicycle/Road Saf.	1,550,000	950,000	100,000	100,000	100,000	100,000	100,000	100,000
Traffic Signals	1,489,601	679,601	135,000	135,000	135,000	135,000	135,000	135,000
Trimble Road Joppa to Garnett	2,525,000	75,000	200,000		50,000		1,100,000	1,100,000
Washington Court Access Road	2,450,000	2,150,000	300,000	0	0	0	0	0

Outyear Projects

Carrs Mill Road (MD152-Grafton)	200,000	0	0	100,000	100,000	0	0	0
Perryman Access - Mitchell Lane	2,000,000	0	0	0	0	1,000,000	1,000,000	0
Tollgate Road/Vale Road Corridor	1,775,000	200,000	0	450,000	200,000	0	0	925,000

Open Projects

Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Moore's Mill Road	10,363,088	10,363,088	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
Schucks Road Improvements	1,043,368	1,043,368						
Spesutia Road Recon/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Tollgate Rd (West Ring Factory)	7,423,439	7,423,439	0	0	0	0	0	0
Village of Scot's Fancy Starmount	750,000	750,000	0	0	0	0	0	0
Woodley Rd Extension to 715	12,250,000	12,250,000	0	0	0	0	0	0

ROADWAYS BY PROJECT	74,138,455	56,278,455	2,410,000	2,435,000	2,235,000	2,885,000	3,985,000	3,910,000
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Paygo	23,135,072	15,300,072	910,000	1,385,000	1,385,000	1,385,000	1,385,000	1,385,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
Future Bonds	9,475,000	0	1,450,000	950,000	750,000	1,400,000	2,500,000	2,425,000
Prior Bonds	29,189,343	29,189,343	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	1,783,439	1,783,439	0	0	0	0	0	0
Federal	5,000,000	5,000,000	0	0	0	0	0	0
Developer/Other	5,446,000	4,896,000	50,000	100,000	100,000	100,000	100,000	100,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

ROADWAYS BY FUND	74,138,455	56,278,455	2,410,000	2,435,000	2,235,000	2,885,000	3,985,000	3,910,000
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HIGHWAYS - RESURFACING

FY 24 Projects

Resurfacing Roadways	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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RESURFACING BY PROJECT	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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Paygo	96,547,870	43,697,870	7,725,000	8,625,000	8,825,000	9,025,000	9,225,000	9,425,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	873,825	873,825	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	0	0	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	6,226,175	126,175	1,600,000	900,000	900,000	900,000	900,000	900,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

RESURFACING BY FUND	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - MISCELLANEOUS

FY 24 Projects

Efficiency Capital Investment	430,000	405,000	25,000	0	0	0	0	0
Fleet Replacement	50,392,000	20,192,000	4,000,000	4,300,000	4,700,000	5,200,000	5,700,000	6,300,000
Highways Facilities Repair Program	2,127,000	1,527,000	100,000	100,000	100,000	100,000	100,000	100,000
Lease/SBITA Assets 24	2,000,000	0	2,000,000	0	0	0	0	0
Norrisville Highways Facility	725,000	4,200,000	(3,475,000)	0	0	0	0	0
Refresh Program	1,300,500	790,500	510,000	0	0	0	0	0
Safeguarding Business Operations	4,427,450	3,787,450	265,000	75,000	75,000	75,000	75,000	75,000

Open Projects

APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0
Harford Metro Area Network	930,000	930,000	0	0	0	0	0	0
Lease/SBITA Assets 21	2,000,000	2,000,000	0	0	0	0	0	0
Sidewalks & Handicapped Ramps	1,829,300	1,829,300	0	0	0	0	0	0

MISCELLANEOUS BY PROJECT	75,907,250	45,407,250	3,425,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
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Paygo	62,632,708	30,657,708	4,900,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	8,391,000	11,866,000	(3,475,000)	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	294,650	294,650	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0
Developer/Other	419,592	419,592	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	4,000,000	2,000,000	2,000,000	0	0	0	0	0

MISCELLANEOUS BY FUND	75,907,250	45,407,250	3,425,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
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TOTAL HIGHWAYS FUND	353,914,490	189,999,490	23,210,000	27,260,000	26,910,000	26,945,000	30,360,000	29,230,000
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WATER PROJECTS

FY 24 Projects

Abingdon Park Water Main	1,500,000	1,000,000	500,000	0	0	0	0	0
Abingdon WTP Switch Gear	6,150,000	5,150,000	1,000,000	0	0	0	0	0
Infrastructure Mgmt System Enh.	2,050,000	700,000	400,000	250,000	250,000	150,000	150,000	150,000
Joppatowne Facility Improvement	4,000,000	250,000	750,000	750,000	750,000	750,000	750,000	0
Magnolia Booster Station	481,628	1,800,000	(1,318,372)	0	0	0	0	0
MDTA I-95 Improvements	4,450,000	1,450,000	3,000,000	0	0	0	0	0
Oak Grove Booster Station	2,830,000	2,330,000	500,000	0	0	0	0	0
Renewal & Replacement Water	11,756,992	2,650,000	2,256,992	1,250,000	1,600,000	1,800,000	1,500,000	700,000
Replace. Water Booster SCADA	3,250,000	2,250,000	1,000,000	0	0	0	0	0
SCADA Information Mgmt Syst.	6,000,000	2,500,000	2,500,000	1,000,000	0	0	0	0
SHA Improvement Projects	1,890,000	590,000	300,000	0	500,000	0	500,000	0
US 40 Water Main Replacement	1,350,000	600,000	250,000	0	250,000	0	250,000	0
Water & Sewer Infrastructure	7,491,340	1,241,340	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Water Meter Upgrade	2,860,000	2,110,000	250,000	0	250,000	0	250,000	0
Water Zone Improvements	1,730,000	1,030,000	200,000	100,000	200,000	0	200,000	0

Outyear Projects

City of Baltimore - Deer Creek PS	8,200,000	5,200,000	0	3,000,000	0	0	0	0
Central W&S Laboratory	3,335,000	335,000	0	3,000,000	0	0	0	0
HdG Water Treatment Plant	1,950,000	1,150,000	0	0	0	0	0	800,000
Perryman GAC Plant Improvement	1,150,000	250,000	0	150,000	750,000	0	0	0
Perryman Wellfield Improvements	3,850,000	350,000	0	0	0	3,500,000	0	0

Open Projects

Abingdon Road Water	3,271,540	3,271,540	0	0	0	0	0	0
Abingdon WTP pH Control System	250,000	250,000	0	0	0	0	0	0
City of Baltimore Raw Water	1,300,000	1,300,000	0	0	0	0	0	0
700 MHz Wireless Radio System	607,660	607,660	0	0	0	0	0	0
Water Tank Design/Construction	300,000	300,000	0	0	0	0	0	0

WATER BY PROJECT	82,004,160	38,665,540	12,838,620	10,500,000	5,550,000	7,200,000	4,600,000	2,650,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
WATER PROJECTS								
Paygo	38,029,000	15,379,000	6,150,000	4,500,000	4,050,000	2,200,000	3,100,000	2,650,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	20,500,000	0	6,500,000	6,000,000	1,500,000	5,000,000	1,500,000	0
Prior Bonds	22,986,540	22,986,540	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	488,620	300,000	188,620	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0
WATER BY FUND	82,004,160	38,665,540	12,838,620	10,500,000	5,550,000	7,200,000	4,600,000	2,650,000

SEWER PROJECTS								
<u>FY 24 Projects</u>								
Brentwood Park PS Improvements	3,487,045	2,987,045	500,000	0	0	0	0	0
Bynum Ridge Replacement Sewer	639,972	800,000	(160,028)	0	0	0	0	0
Fallston Area Sewer	800,000	3,800,000	(3,000,000)	0	0	0	0	0
Future Petition Projects	535,028	375,000	160,028	0	0	0	0	0
Hickory Sewer Infrastructure	500,000	3,000,000	(2,500,000)	0	0	0	0	0
Infiltration and Inflow	2,500,000	1,000,000	700,000	500,000	100,000	0	200,000	0
Pumping Station Improvements	2,965,738	1,065,000	500,738	400,000	0	500,000	0	500,000
Renewal & Replacement Sewer	17,050,000	2,250,000	2,800,000	4,600,000	1,300,000	5,050,000	750,000	300,000
Sod Run Facility Improvements	33,693,151	18,343,151	3,000,000	850,000	7,250,000	750,000	3,000,000	500,000
Sod Run WWTP Ultraviolet	8,700,000	6,700,000	2,000,000	0	0	0	0	0
<u>Outyear Projects</u>								
Bill Bass PM FM Replacement	1,210,302	810,302	0	0	0	0	0	400,000
Bio Solids Facilities Enhancements	26,650,000	19,500,000	0	300,000	3,000,000	350,000	3,500,000	0
Bush Creek Pumping Station	34,400,000	28,400,000	0	2,000,000	0	2,000,000	0	2,000,000
Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	0	2,000,000	0
Edgewood Interceptor Sewer	4,150,000	650,000	0	0	0	500,000	3,000,000	0
Inventory Storage and Control	4,785,000	385,000	0	400,000	4,000,000	0	0	0
Lower Bynum Run Interceptor	14,620,324	9,120,324	0	0	0	0	500,000	5,000,000
Plum Tree Collector Sewer & PS	13,850,000	0	0	0	250,000	2,500,000	3,100,000	8,000,000
<u>Open Projects</u>								
Freys Road Sewer Petition	1,275,000	1,275,000	0	0	0	0	0	0
Magnolia Sewer Petition	689,500	689,500	0	0	0	0	0	0
Oaklyn Manor/Joppa Area Sewer	1,678,255	1,678,255	0	0	0	0	0	0
Woodbridge Sewer Petition	4,020,300	4,020,300	0	0	0	0	0	0
SEWER BY PROJECT	180,424,615	107,073,877	4,000,738	9,050,000	15,900,000	11,650,000	16,050,000	16,700,000

Paygo	25,309,671	15,473,671	1,786,000	2,450,000	350,000	2,100,000	1,450,000	1,700,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	63,300,000	0	2,000,000	6,600,000	15,550,000	9,550,000	14,600,000	15,000,000
Prior Bonds	85,940,106	85,940,106	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	4,714,800	4,714,800	0	0	0	0	0	0
Federal	765,300	765,300	0	0	0	0	0	0
Developer/Other	394,738	180,000	214,738	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0
SEWER BY FUND	180,424,615	107,073,877	4,000,738	9,050,000	15,900,000	11,650,000	16,050,000	16,700,000

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
W&S MISCELLANEOUS								
Efficiency Capital Investment	505,000	480,000	25,000	0	0	0	0	0
Fleet Replacement	19,772,000	9,072,000	700,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Lease/SBITA Assets 24	2,000,000	0	2,000,000	0	0	0	0	0
Refresh Program	1,327,000	817,000	510,000	0	0	0	0	0
Safeguarding Business Operations	4,256,650	3,991,650	265,000	0	0	0	0	0
Water & Sewer Facilities Repair	2,000,000	1,250,000	250,000	0	250,000	0	250,000	0
Open Projects								
Fleet Maintenance Facility	1,420,000	1,420,000	0	0	0	0	0	0
Harford Metro Area Network	1,220,000	1,220,000	0	0	0	0	0	0
Lease/SBITA Assets 21	2,000,000	2,000,000	0	0	0	0	0	0
Underground/Aboveground Tank	50,000	50,000	0	0	0	0	0	0
Water & Sewer Billing Project	2,500,000	2,500,000	0	0	0	0	0	0
W&S MISC. BY PROJECT	37,050,650	22,800,650	3,750,000	2,000,000	2,250,000	2,000,000	2,250,000	2,000,000
Paygo	30,000,650	17,750,650	1,750,000	2,000,000	2,250,000	2,000,000	2,250,000	2,000,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	2,670,000	2,670,000	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	4,000,000	2,000,000	2,000,000	0	0	0	0	0
W&S MISC. BY PROJECT	37,050,650	22,800,650	3,750,000	2,000,000	2,250,000	2,000,000	2,250,000	2,000,000
TOTAL WATER & SEWER FUND	299,479,425	168,540,067	20,589,358	21,550,000	23,700,000	20,850,000	22,900,000	21,350,000
TOTAL APPROVED CIP	2,283,428,341	1,359,750,332	259,647,000	204,021,009	137,872,500	139,797,500	90,082,500	92,257,500

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 24 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<i>GENERAL PROJECTS:</i>			
<u>Broadband Infrastructure</u> This project will provide funding to expand the HMAN backbone and lateral dark fiber to allow an internet service provider to build infrastructure to provide internet service availability to under and unserved areas of the rural county.	\$7,820,000	\$32,820,000	Expansion of HMAN footprint for the rural broadband project will increase maintenance costs.
<u>Efficiency Capital Investment Projects</u> This project will implement projects that will increase efficiency in county operations by reducing costs and improving the County's environmental footprint.	\$200,000	\$1,685,400	Efficiency projects have a potential cost savings on the operating budget by reducing expenditures such as energy costs, operational expenses, etc.
<u>Fleet Replacement</u> This project provides funds for replacement of essential vehicles and equipment that have become inefficient, unreliable or averaging high mileage.	\$3,425,000	\$49,065,000	Replacement of vehicles and equipment results in cost savings in fuel, repair and maintenance by replacing inefficient pieces of fleet with modernized fuel and maintenance efficient models. By replacing older units this results in little to no downtime on the unit, availability of unit increases; and therefore our Dept. of Emergency Services, Highways, and Water and Sewer are able to perform their job duties around the County.
<u>Harford County Metro Area Network (HMAN)</u> This project is to refresh the current County network infrastructure and build additional sites where needed.	\$4,000,000	\$32,280,000	The annual operating maintenance costs of the County's HMAN network is estimated to be \$400,000.
<i>PUBLIC SAFETY PROJECTS:</i>			
<u>Mobile/Portable Radio System Upgrade</u> This project will eliminate separate radio systems and create a countywide radio system to include law enforcement, public safety and public service.	\$100,000	\$8,965,000	Motorola contract will increase annually by 2% to 4%. The current contract cost is \$1,619,379.
<u>Next-Gen 911</u> This project is to upgrade the outdated 911 system through Next Generation Technologies.	\$3,500,000	\$25,235,000	Temporary telephone service fee of approximately \$420,000 annually to keep the old system in place during the migration period. Annual CAD maintenance will increase due to this system upgrade. Current contract is \$395,000.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 24 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<i>PUBLIC SAFETY PROJECTS (cont.):</i>			
<u>North Harford Station</u> This project provided funding to construct the EMS station in northern Harford County. This station will be staffed by county career personnel and primarily serve the rural communities in northern Harford County.	\$0	\$4,700,000	Approximately \$600,000 annually for personnel; approximately \$12,000 annually for utilities. Upkeep and equipment maintenance approximately \$10,000 annually.
<u>Riverside Fire and EMS Station</u> This project will construct a fire and EMS station that will house both volunteer and career based personnel.	\$0	\$13,000,000	Approximately \$600,000 annually for personnel; approximately \$15,000 annually for utilities. Upkeep and equipment maintenance approximately \$10,000 annually.
<i>PARKS AND RECREATION PROJECTS:</i>			
<u>Athletic Field Improvements</u> Construction of synthetic turf stadium field at Bel Air High School; and design of a synthetic turf field for Field 13 at Cedar Lane Park.	\$3,000,000	\$41,550,000	Weekly maintenance, including field grooming. Weekly maintenance averages \$1,338. One Department employee is primarily responsible for this work.
<u>Parkland Acquisition</u> This project is 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 the beginning of 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 if they have not already been developed and require more intensive maintenance.	\$2,075,000	\$25,946,000	The Department currently pays approximately \$28.15/acre to mow at park sites. Assuming each site is mowed 29 times per mowing season and assuming only half of the added acreage (currently 225 acres) will be mowed, the cost to maintain this additional acreage is \$183,637 per mowing season.
<u>Trails and Linear Parks</u> Design and construction of the connecting section of the Ma and Pa trail from Williams Street trailhead to Blake's Venture Park.	\$2,000,000	\$29,850,000	Weekly maintenance, including trail maintenance and trash collection. Weekly maintenance averages \$1,300.
<i>HIGHWAYS PROJECTS:</i>			
<u>Streetlights</u> This project provides for the upgrade of County owned streetlights.	\$100,000	\$650,000	The replacement of lighting fixtures to LED will result in monthly energy savings.
<u>Efficiency Capital Investment Projects</u> This project will implement projects that will increase efficiency in county ops by reducing costs and improving the County's environmental footprint.	\$25,000	\$430,000	Efficiency projects have a potential cost savings on the operating budget by reducing expenditures such as energy costs, operational expenses, etc.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 24 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<i>HIGHWAYS PROJECTS (cont.):</i>			
<u>Fleet Replacement</u> This project provides funds for replacement of essential vehicles and equipment that have become inefficient, unreliable or averaging high mileage.	\$4,000,000	\$50,392,000	Replacement of vehicles and equipment results in cost savings in fuel, repair and maintenance by replacing inefficient pieces of fleet with modernized fuel and maintenance efficient models. By replacing older units this results in little to no downtime on the unit, availability of unit increases; and therefore our Dept. of Emergency Services, Highways, and Water and Sewer are able to perform their job duties around the County.
<i>WATER AND SEWER PROJECTS:</i>			
<u>Efficiency Capital Investment Projects</u> This project will implement projects that will increase efficiency in county ops by reducing costs and improving the County's environmental footprint.	\$25,000	\$505,000	Efficiency projects have a potential cost savings on the operating budget by reducing expenditures such as energy costs, operational expenses, etc.
<u>Fleet Replacement</u> This project provides funds for replacement of essential vehicles and equipment that have become inefficient, unreliable or averaging high mileage.	\$700,000	\$19,772,000	Replacement of vehicles and equipment results in cost savings in fuel, repair and maintenance by replacing inefficient pieces of fleet with modernized fuel and maintenance efficient models. By replacing older units this results in little to no downtime on the unit, availability of unit increases; and therefore our Dept. of Emergency Services, Highways, and Water and Sewer are able to perform their job duties around the County.
<u>Oak Grove Booster Station (Ridgeley's Reserve)</u> 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.	\$500,000	\$2,830,000	Although this is a new booster station that requires additional operating costs; the Woodbridge water booster station will be abandoned resulting in a net zero impact on operating cost.
<u>Sod Run WWTP Ultraviolet Disinfection Project</u> This project is the design and construction of the Sod Run WWTP Ultraviolet Disinfection System, to replace the existing chlorine based disinfection system.	\$2,000,000	\$8,700,000	This project will move operating costs from the purchase of bulk chemicals to the purchase of power/electricity to run the UV disinfection lamps. At current prices the costs are similar, however future increases in chlorine price may result in cost savings.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

Included in the capital budget are projects that have prior and current county bond funding. The county must take necessary steps to assure repayment, and estimates the debt service cost annually. Bonds are typically used to finance the capital portion of tax supported general public purpose governmental activities, including schools, public safety, highways and water and sewer uses.

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 24 Bond Funding</u>	<u>Annual Debt Service</u>
<u>GENERAL PROJECTS:</u>			
Abingdon Library Window and HVAC Replacement	\$589,000	\$0	\$12,369
Courthouse Building Repairs	\$9,800,000	\$300,000	\$205,800
Facility Repair/Life-Cycle Program	\$5,000,000	\$0	\$105,000
Facility Repair Program	\$29,148,308	\$0	\$612,114
Fleet Maintenance Facility	\$16,126,000	\$0	\$338,646
Harford County Agricultural Research and Exposition Center	\$2,250,000	\$0	\$47,250
Harford County Metro Area Network (HMAN)	\$17,200,000	\$4,000,000	\$445,200
HCSO Central Precinct & Training Academy	\$21,500,000	\$0	\$451,500
Humane Society	\$6,000,000	\$0	\$126,000
Major Renovation/Construction of County Facilities	\$0	\$4,000,000	\$84,000
Site Acquisition	\$25,507,761	\$10,000,000	\$745,663
Underground and Aboveground Storage Tank Management	\$739,000	\$0	\$15,519
<u>WATERSHED MANAGEMENT PROJECTS:</u>			
Bynum Run Watershed Restoration	\$800,000	\$950,000	\$36,750
County Owned Watershed Restoration Improvements	\$12,500,000	\$0	\$262,500
County Owned Watershed Restoration Improvements	\$3,200,000	\$5,100,000	\$174,300
Joppatowne Area Watershed Restoration	\$0	\$300,000	\$6,300
Middle Bynum Run Watershed Restoration Improvements	\$650,000	(\$650,000)	\$0
Riverside Area Watershed Restoration	\$1,200,000	\$600,000	\$37,800
Sunnyview Stream Restoration	\$2,661,039	\$300,000	\$62,182

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 24 Bond Funding</u>	<u>Annual Debt Service</u>
<u>WATERSHED MANAGEMENT PROJECTS (cont.):</u>			
Watershed Restoration Improvements	\$1,750,000	\$2,000,000	\$78,750
Watershed Restoration Assessment	\$1,200,000	\$0	\$25,200
County Owned Watershed Restoration Improvements	\$12,500,000	\$0	\$262,500
Joppatowne Area Watershed Restoration	\$2,950,000	\$0	\$61,950
Plumtree Run Watershed Restoration	\$5,150,000	\$0	\$108,150
Riverside Area Watershed Restoration	\$2,220,000	\$0	\$46,620
Sams Branch Watershed Restoration	\$1,170,000	\$0	\$24,570
Upper Bynum Run Watershed Restoration Improvements	\$2,200,000	\$0	\$46,200
Watershed Restoration Assessment	\$6,950,000	\$0	\$145,950
Watershed Restoration Improvements	\$4,150,000	\$0	\$87,150
Watershed Restoration Maintenance	\$160,000	\$0	\$3,360
Wheel Creek Watershed Restoration	\$2,250,000	\$0	\$47,250
<u>PUBLIC SAFETY PROJECTS:</u>			
Emergency Operations Center Complex Phase II	\$0	\$5,000,000	\$105,000
HCDC Facility Repairs/Upgrades	\$2,040,000	\$1,600,000	\$76,440
Mobile/Portable Radio System Upgrade	\$8,215,000	\$100,000	\$174,615
Riverside Fire and EMS Station	\$7,000,000	\$0	\$147,000
Emergency Operations Center Complex - Phase II	\$5,000,000	\$0	\$105,000
Multi-Agency Public Safety Mobile Command Center	\$1,800,000	\$0	\$37,800
North Harford Station	\$4,700,000	\$0	\$98,700
<u>HARFORD COMMUNITY COLLEGE PROJECTS:</u>			
Chesapeake Welcome Center	\$18,439,425	\$10,800,000	\$614,028
Fallston Hall Renovations	\$3,464,575	\$0	\$72,756

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 24 Bond Funding</u>	<u>Annual Debt Service</u>
<u>HARFORD COUNTY PUBLIC LIBRARIES PROJECTS:</u>			
Bel Air Library Renovations	\$800,000	\$575,000	\$16,800
Havre de Grace Expansion	\$6,720,000	\$0	\$141,120
<u>BOARD OF EDUCATION PROJECTS:</u>			
Aberdeen Middle School HVAC Systemic Renovation	\$0	\$7,870,000	\$165,270
Athletic & Recreation Repairs & Improvements	\$312,299	\$0	\$6,558
Blueprint Facility Program	\$0	\$200,000	\$4,200
Educational Facility Program	\$4,094,576	\$2,400,000	\$136,386
Fleet Replacement	\$16,159	\$0	\$339
George D. Lisby HVAC Systemic Renovation	\$4,840,000	(\$19,563)	\$96,800
Harford Academy Major Project	\$0	\$16,000,000	\$336,000
HCPS Site Improvements	\$0	\$98,156	\$2,061
Harford Technical HS Limited Renovation Project	\$10,000,000	\$11,595,000	\$453,495
Healthy School Facility Fund	\$0	\$1,200,000	\$25,200
Major HVAC	\$1,491,914	\$2,000,000	\$73,330
North Bend Elementary School Central Plant & Fire Alarm Upgrade	\$1,054,500	(\$30,403)	\$21,506
Roof Replacement - Bel Air Middle School	\$1,693,475	(\$48,190)	\$41,132
Roof Replacement - Havre de Grace Elementary School	\$0	\$1,115,000	\$23,415
Homestead Wakefield Elementary Major Project	\$28,175,000	\$0	\$591,675
Abingdon Elementary School Central Plant	\$1,247,000	\$0	\$26,187
Bakerfield Elementary School	\$625,000	\$0	\$13,125
Center for Educational Opportunity	\$2,200,000	\$0	\$46,200
HCPS Facilities Repair Program	\$904,148	\$0	\$18,987
Havre de Grace Middle/High School Replacement	\$77,474,000	\$0	\$1,626,954
Life, Health, Safety, and Compliance Measures	\$5,756,195	\$0	\$120,880

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 24 Bond Funding</u>	<u>Annual Debt Service</u>
<u>BOARD OF EDUCATION PROJECTS (cont.):</u>			
Meadowvale Elementary School	\$430,000	\$0	\$9,030
Roof Replacement - Bakerfield Elementary School	\$930,000	\$0	\$19,530
Roof Replacement - Center for Educational Opportunity	\$1,850,000	\$0	\$38,850
Roye Williams HVAC Systemic Renovation	\$6,743,000	\$0	\$141,603
Swan Creek HVAC Upgrades	\$1,665,000	\$0	\$34,965
Youth's Benefit Elementary School Replacement	\$38,611,866	\$0	\$810,849
<u>SOLID WASTE PROJECTS:</u>			
Solid Waste Facilities Repair Program	\$1,500,000	\$0	\$31,500
HWDC Compost Area Facilities	\$484,088	\$0	\$10,166
Tollgate Yard Trim Recycling Center	\$449,314	\$0	\$9,436
TOTAL ESTIMATED ANNUAL DEBT SERVICE - GENERAL FUND:			\$11,231,431
<u>PARKS AND RECREATION PROJECTS:</u>			
Athletic Field Improvements	\$22,900,000	\$2,500,000	\$533,400
Trails and Linear Parks	\$5,000,000	\$2,000,000	\$147,000
Enlarged Gymnasiums & Joint Facilities	\$1,200,000	\$0	\$25,200
Jarrettsville Recreation Complex/Center	\$4,200,000	\$0	\$88,200
Joppatowne Community Center	\$500,000	\$0	\$10,500
Schucks Road Regional Complex	\$2,530,000	\$0	\$53,130
Aberdeen Activity Center	\$9,000,000	\$0	\$189,000
Churchville Complex Development	\$7,176,830	\$0	\$150,713
P&R Facility Development and Renovation	\$1,250,000	\$0	\$26,250
TOTAL ESTIMATED ANNUAL DEBT SERVICE - PARKS AND RECREATION			\$1,223,393

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 24 Bond Funding</u>	<u>Annual Debt Service</u>
<u>HIGHWAYS PROJECTS:</u>			
Ayres Chapel Road Bridge #116	\$400,000	\$25,000	\$525
Boggs Road Bridge #66	\$400,000	\$1,500,000	\$39,900
Bridge and Road Culvert Rehabilitation	\$2,050,000	\$1,200,000	\$68,250
Deep Run Road Bridge #152	\$350,000	\$775,000	\$7,350
Johnson Mill Road Bridge #45	\$1,450,000	\$100,000	\$32,550
Moores Road Bridge #78	\$0	\$80,000	\$1,680
Rush Road Bridge #97	\$0	\$400,000	\$8,400
Scarboro Road Bridge #140	\$375,000	\$50,000	\$8,925
Stafford Road Bridge #162	\$80,000	\$80,000	\$3,360
Trappe Church Road Bridge #161	\$140,000	\$50,000	\$3,990
Abingdon Road Bridge #169 over CSX	\$1,430,000	\$0	\$30,030
Glenville Road Bridge #30	\$130,000	\$0	\$2,730
Grier Nursery Road Bridge #43	\$140,000	\$0	\$2,940
Hookers Mill Road Bridge #13	\$160,000	\$0	\$3,360
Madonna Road Bridge #113	\$160,000	\$0	\$3,360
Chestnut Hill Bridge #40	\$508,000	\$0	\$10,668
Glen Cove Road Bridge #155	\$1,475,915	\$0	\$30,994
Phillips Mill Road Bridge #70	\$750,000	\$0	\$15,750
Stafford Road Bridge #24	\$835,000	\$0	\$17,535
Curb, Sidewalks, and Handicap Ramp Replacement	\$400,000	\$0	\$8,400
Drainage Improvements	\$0	\$200,000	\$4,200
Intersection Improvements	\$1,635,000	\$400,000	\$42,735
Stormdrain Rehabilitation	\$200,000	\$350,000	\$4,200
Trimble Road (Joppa Road to Garnett Road)	\$50,000	\$200,000	\$5,250
Washington Court Access Road	\$2,150,000	\$300,000	\$51,450

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 24 Bond Funding</u>	<u>Annual Debt Service</u>
<u>HIGHWAYS PROJECTS (cont.):</u>			
Tollgate Road/Vale Road Corridor	\$200,000	\$0	\$4,200
Moore's Mill Road	\$6,730,975	\$0	\$141,350
Schucks Road Improvements	\$1,043,368	\$0	\$21,911
Spesutia Road Reconstruction/Upgrade	\$5,250,000	\$0	\$110,250
Tollgate Road (West Ring Factory Rd to Plumtree Rd)	\$4,280,000	\$0	\$89,880
Woodley Road Extension to MD 715	\$7,250,000	\$0	\$152,250
Highways Facilities Repair Program	\$420,000	\$0	\$8,820
Norrisville Highways Facility	\$4,200,000	(\$3,475,000)	\$15,225
Fleet Maintenance Facility	\$7,246,000	\$0	\$152,166
TOTAL ESTIMATED ANNUAL DEBT SERVICE - HIGHWAYS FUND:			\$1,104,584
<u>WATER AND SEWER PROJECTS:</u>			
Abingdon WTP Switch Gear/Generator Upgrade	\$5,150,000	\$1,000,000	\$129,150
Magnolia Booster Station	\$1,450,000	(\$1,261,380)	\$3,961
MDTA I-95 Improvements	\$0	\$3,000,000	\$63,000
Oak Grove Booster Station (Ridgeley's Reserve)	\$330,000	\$0	\$6,930
Renewal and Replacement Water Infrastructure	\$2,100,000	\$1,261,380	\$70,589
Replacement of Water Booster Station SCADA	\$1,950,000	\$0	\$40,950
SCADA Information Management Systems	\$0	\$2,500,000	\$52,500
US 40 Water Main Replacement	\$600,000	\$0	\$12,600
City of Baltimore - Deer Creek Pump Station and Valve Improvements	\$5,200,000	\$0	\$109,200
Central W&S Laboratory	\$85,000	\$0	\$1,785
Havre de Grace Water Treatment Plant Upgrade	\$1,150,000	\$0	\$24,150
Perryman Wellfield Improvements	\$150,000	\$0	\$3,150
Abingdon Road Water	\$3,271,540	\$0	\$68,702

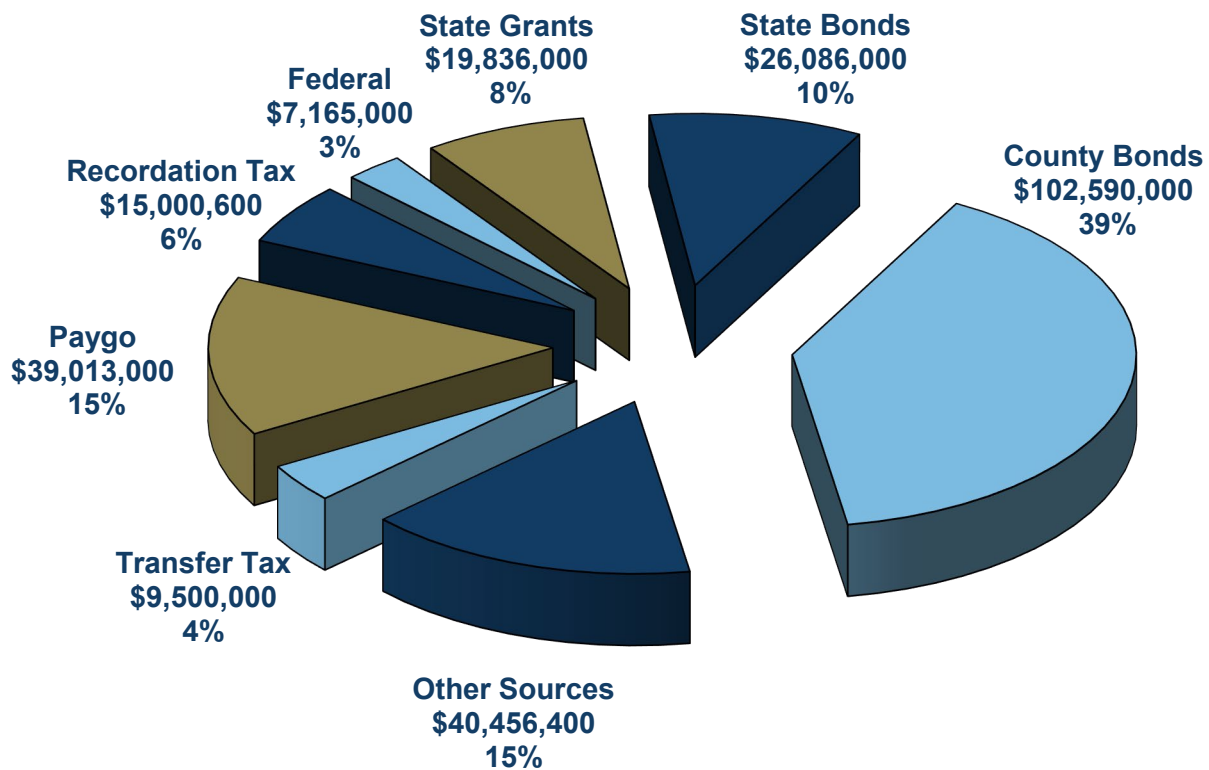
PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 24 Bond Funding</u>	<u>Annual Debt Service</u>
<u>WATER AND SEWER PROJECTS:</u>			
Abingdon Water Treatment Plant pH Control System	\$250,000	\$0	\$5,250
City of Baltimore Raw Water Supply	\$1,300,000	\$0	\$27,300
Brentwood Park Pumping Station Improvements	\$1,737,045	\$0	\$36,478
Fallston Area Sewer	\$3,800,000	(\$3,000,000)	\$16,800
Hickory Sewer Infrastructure Improvement Project	\$3,000,000	(\$2,500,000)	\$10,500
Oaklyn Manor/Joppa Area Sewer Relief	\$732,955	(\$213,964)	\$15,392
Pumping Station Improvements	\$0	\$213,964	\$4,493
Renewal and Replacement Sewer Infrastructure	\$0	\$2,500,000	\$52,500
Sod Run Facility Improvements	\$13,902,932	\$3,000,000	\$354,962
Sod Run WWTP Ultraviolet Disinfection Project	\$6,500,000	\$2,000,000	\$178,500
Bill Bass PS FM Replacement	\$700,020	\$0	\$14,700
Bio Solids Facilities Enhancements	\$19,300,000	\$0	\$405,300
Bush Creek Pumping Station	\$26,500,000	\$0	\$556,500
Edgewood Interceptor Sewer Parallel	\$650,000	\$0	\$13,650
Lower Bynum Run Interceptor Phase 6&7	\$8,647,154	\$0	\$181,590
Magnolia Sewer Petition	\$85,000	\$0	\$1,785
Woodbridge Sewer Petition	\$385,000	\$0	\$8,085
Water & Sewer Facilities Repair Program	\$1,250,000	\$0	\$26,250
Fleet Maintenance Facility	\$1,420,000	\$0	\$29,820
TOTAL ESTIMATED ANNUAL DEBT SERVICE - WATER AND SEWER FUND:			\$2,526,522

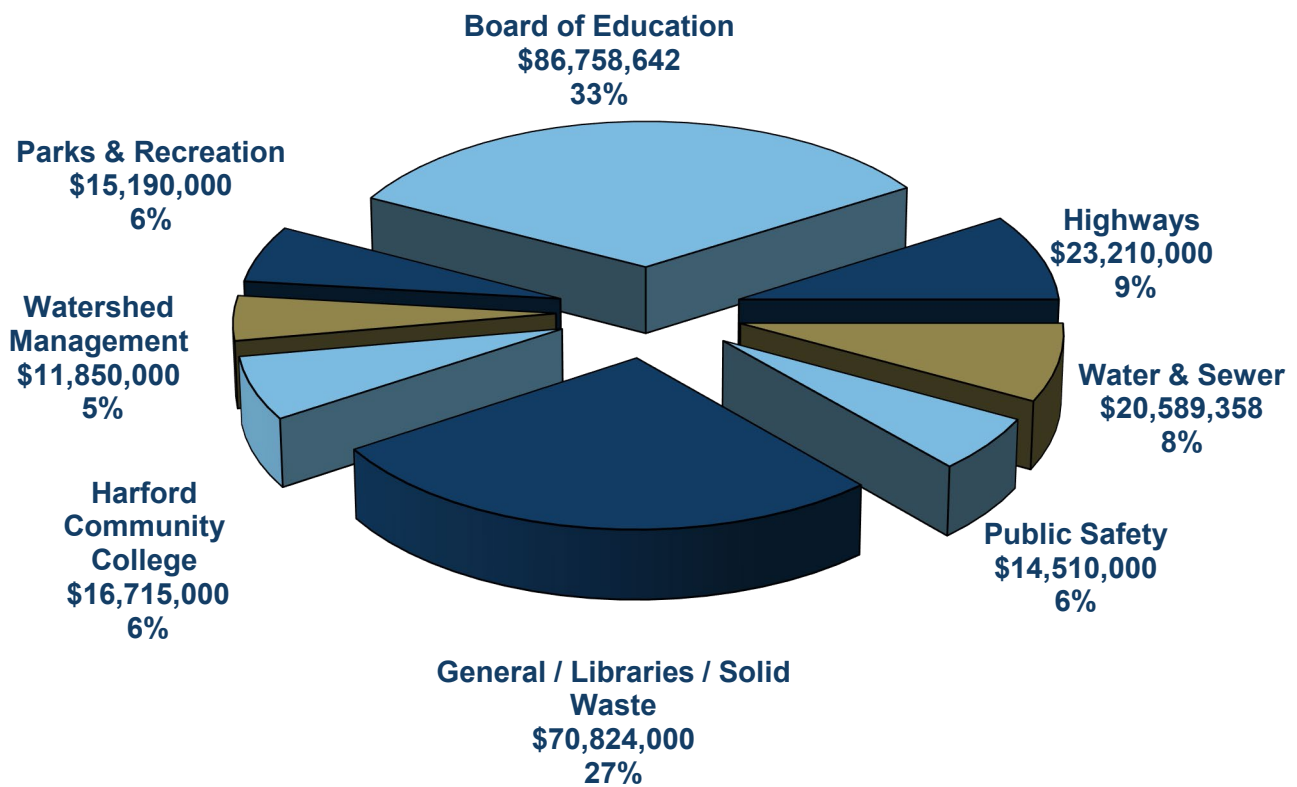
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FY 24 CAPITAL BUDGET SUMMARY

**APPROVED CAPITAL BUDGET
REVENUES
FISCAL YEAR 2023 - 2024
TOTAL BUDGET \$259,647,000**



**APPROVED CAPITAL BUDGET
APPROPRIATIONS
FISCAL YEAR 2023 - 2024
TOTAL BUDGET \$259,647,000**



FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
GENERAL PROJECTS												
Board of Education Debt Service	26,500,600	0	0	0	0	0	5,000,000	9,500,000	12,000,600	0	0	0
Broadband Infrastructure	7,820,000	0	0	0	0	0	0	0	0	4,570,000	3,250,000	0
County SWM Rehab & Repair	650,000	0	650,000	0	0	0	0	0	0	0	0	0
Courthouse Building Repairs	300,000	0	0	0	300,000	0	0	0	0	0	0	0
Demolition of Abandoned Buildings	150,000	0	150,000	0	0	0	0	0	0	0	0	0
Efficiency Capital Investment	200,000	0	200,000	0	0	0	0	0	0	0	0	0
Facility Repair/Life Cycle Program	200,000	0	0	0	0	0	0	0	0	0	200,000	0
Fleet Replacement	3,425,000	0	525,000	0	0	0	0	0	0	0	0	2,900,000
Harford County Metro Area Network	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0
Maintenance/Repair of County Dams	450,000	0	450,000	0	0	0	0	0	0	0	0	0
Maintenance/Repair of SW Facilities	1,000,000	0	200,000	0	0	0	0	0	0	0	0	800,000
Major Renovation/Const. County Fac.	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0
Refresh Program	2,900,000	0	2,900,000	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	2,650,000	0	2,650,000	0	0	0	0	0	0	0	0	0
Site Acquisition	11,496,400	0	0	0	10,000,000	0	0	0	0	0	0	1,496,400
Southern County Task Force	525,000	0	200,000	0	0	0	0	0	0	0	325,000	0

SUB-TOTAL GENERAL	66,267,000	0	7,925,000	0	18,300,000	0	5,000,000	9,500,000	12,000,600	4,570,000	3,775,000	5,196,400
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WATERSHED MANAGEMENT

Bynum Run Watershed Restoration	950,000	0	0	650,000	300,000	0	0	0	0	0	0	0
County Watershed Restoration Imp.	6,600,000	0	0	0	5,100,000	0	0	0	0	1,500,000	0	0
Joppatowne Area Watershed Rest.	300,000	0	0	0	300,000	0	0	0	0	0	0	0
Middle Bynum Run Watershed Rest.	(650,000)	0	0	(650,000)	0	0	0	0	0	0	0	0
Riverside Area Watershed Rest.	600,000	0	0	0	600,000	0	0	0	0	0	0	0
Septic System Disconnection (23)*	318,000	68,000	250,000	0	0	0	0	0	0	0	0	0
Septic System Disconnection (17)*	(68,000)	(68,000)	0	0	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention*	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Sunnyview Stream Restoration	300,000	0	0	0	300,000	0	0	0	0	0	0	0
Watershed Restoration Improve.	2,500,000	0	0	0	2,000,000	0	0	0	0	500,000	0	0
Watershed Restoration Maintenance*	500,000	0	500,000	0	0	0	0	0	0	0	0	0

*Special Dedicated Paygo

SUB-TOTAL WATERSHED MGMNT	11,850,000	0	1,250,000	0	8,600,000	0	0	0	0	2,000,000	0	0
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PUBLIC SAFETY

Ambulance Acquisition/Replacement	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0
Emergency Ops Ctr Complex Phase II	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0	0
HCDC Facility Repairs/Upgrades	1,600,000	0	0	0	1,600,000	0	0	0	0	0	0	0
HCSO Body Worn Camera Program	790,000	0	790,000	0	0	0	0	0	0	0	0	0
HCSO In-Car Camera Systems	535,000	0	535,000	0	0	0	0	0	0	0	0	0
HCSO Mobile Data Terminal Replace.	535,000	0	535,000	0	0	0	0	0	0	0	0	0
Mobile/Portable Radio System	100,000	0	0	0	100,000	0	0	0	0	0	0	0
Next-Gen 911	3,500,000	0	0	0	0	0	0	0	0	3,500,000	0	0
Public Safety Comm in School Bldgs.	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Susquehanna Hose Company House 1	500,000	0	500,000	0	0	0	0	0	0	0	0	0
VFC Facility Repair	250,000	0	250,000	0	0	0	0	0	0	0	0	0
VFC Public Safety Equipment	600,000	0	600,000	0	0	0	0	0	0	0	0	0

SUB-TOTAL PUBLIC SAFETY	14,510,000	0	4,310,000	0	6,700,000	0	0	0	0	3,500,000	0	0
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HARFORD COMMUNITY COLLEGE

Chesapeake Welcome Center	16,715,000	0	0	0	10,800,000	0	0	0	0	5,915,000	0	0
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SUB-TOTAL HCC	16,715,000	0	0	0	10,800,000	0	0	0	0	5,915,000	0	0
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LIBRARIES

Bel Air Library Renovations	4,182,000	0	0	0	575,000	0	0	0	0	3,607,000	0	0
HCPL Technology	200,000	0	200,000	0	0	0	0	0	0	0	0	0

SUB-TOTAL LIBRARIES	4,382,000	0	200,000	0	575,000	0	0	0	0	3,607,000	0	0
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
BOARD OF EDUCATION												
Aberdeen MS HVAC Systemic Renovation	17,087,000	0	0	0	7,870,000	0	0	0	0	9,217,000	0	0
Athletic and Rec Repairs & Improvements	437,000	0	337,000	0	0	0	0	0	0	0	0	100,000
Blueprint Facility Program	450,000	0	0	0	200,000	0	0	0	0	0	0	250,000
Educational Facility Program	2,900,000	0	0	0	2,400,000	0	0	0	0	0	0	500,000
Fleet Replacement	4,700,000	0	450,000	0	0	0	0	0	0	0	0	4,250,000
George D. Lisby HVAC Systemic Reno.	(19,563)	0	0	(19,563)	0	0	0	0	0	0	0	0
Harford Academy Major Project	16,000,000	0	0	0	16,000,000	0	0	0	0	0	0	0
HCPS Facility Repair Program	400,000	0	0	0	0	0	0	0	0	0	0	400,000
HCPS Local Major Capital Projects	500,000	0	0	0	0	0	0	0	0	0	0	500,000
HCPS Site Improvements	1,498,156	0	0	98,156	0	0	0	0	0	0	0	1,400,000
Harford Technical HS Limited Renovation	20,794,000	0	0	0	11,595,000	0	0	0	0	9,199,000	0	0
Healthy School Facility Fund - local match	3,244,000	0	0	0	1,200,000	0	0	0	0	2,044,000	0	0
Life, Health, Safety & Compliance Meas.	2,127,000	0	0	0	0	0	0	0	0	0	0	2,127,000
Major HVAC	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0
North Bend ES Central Plant & Fire Alarm	(30,403)	0	0	(30,403)	0	0	0	0	0	0	0	0
Relocatable Classrooms	500,000	0	0	0	0	0	0	0	0	0	0	500,000
Roof Replacements - Bel Air MS	(48,190)	0	0	(48,190)	0	0	0	0	0	0	0	0
Roof Replacements - HdG ES	2,870,000	0	0	0	1,115,000	0	0	0	0	1,755,000	0	0
Technology Infrastructure	11,349,642	0	695,000	0	0	0	0	0	0	0	0	10,654,642
SUB-TOTAL BOARD OF ED	86,758,642	0	1,482,000	0	42,380,000	0	0	0	0	22,215,000	0	20,681,642
SOLID WASTE SERVICES												
Environmental Studies & Projects	50,000	0	50,000	0	0	0	0	0	0	0	0	0
HWDC Landfill Capping	125,000	0	125,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE SVCS	175,000	0	175,000	0	0	0	0	0	0	0	0	0
TOTAL GENERAL FUND	200,657,642	0	15,342,000	0	87,355,000	0	5,000,000	9,500,000	12,000,600	41,807,000	3,775,000	25,878,042
PARKS & RECREATION												
Athletic Field Improvements	3,000,000	0	0	0	2,500,000	0	0	0	0	0	0	500,000
Bulkhead Renovations	515,000	0	0	0	0	0	0	0	0	515,000	0	0
Cedar Lane Park Improvements	3,000,000	0	0	0	0	0	0	0	0	0	0	3,000,000
Edgewood Recreation Park*	450,000	0	0	0	0	0	0	0	100,000	350,000	0	0
Emily Bayless Graham Park	250,000	0	0	0	0	0	0	0	250,000	0	0	0
Equestrian Center Improvements	365,000	0	0	0	0	0	0	0	365,000	0	0	0
Facility Repairs and Renovations	100,000	0	0	0	0	0	0	0	100,000	0	0	0
Heavenly Waters Park - Soma	100,000	0	0	0	0	0	0	0	100,000	0	0	0
Norrisville Park	300,000	0	0	0	0	0	0	0	300,000	0	0	0
Northern Regional Park*	1,250,000	0	0	0	0	0	0	0	500,000	750,000	0	0
Oakington Peninsula System	150,000	0	0	0	0	0	0	0	150,000	0	0	0
Outdoor AED Construction	30,000	0	0	0	0	0	0	0	30,000	0	0	0
Park Improvements	50,000	0	0	0	0	0	0	0	50,000	0	0	0
Parking Lot Paving	150,000	0	0	0	0	0	0	0	150,000	0	0	0
Parkland Acquisition*	2,075,000	0	0	0	0	0	0	0	75,000	2,000,000	0	0
Perryman Park Development*	730,000	0	0	0	0	0	0	0	230,000	500,000	0	0
Playground Equipment	175,000	0	0	0	0	0	0	0	150,000	0	0	25,000
Swan Harbor Farm Improvements**	50,000	0	50,000	0	0	0	0	0	0	0	0	0
Tennis, Multipurpose & Pickleball Courts	150,000	0	0	0	0	0	0	0	150,000	0	0	0
Trails and Linear Parks	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0
Vale Road Park	300,000	0	0	0	0	0	0	0	300,000	0	0	0
*Program Open Space State funding												
**Special Revenue Fund Paygo												
TOTAL PARKS & RECREATION	15,190,000	0	50,000	0	4,500,000	0	0	0	3,000,000	4,115,000	0	3,525,000
HIGHWAYS - BRIDGES												
Ayres Chapel Road Bridge #116	25,000	0	0	0	25,000	0	0	0	0	0	0	0
Boggs Road Bridge #66	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0
Bridge & Culvert Rehabilitation	1,200,000	0	0	1,200,000	0	0	0	0	0	0	0	0
Bridge & Road Scour Repairs	350,000	0	350,000	0	0	0	0	0	0	0	0	0
Bridge Inspection Program - Over 20'	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000	0
Bridge Painting	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000	0
Deep Run Road Bridge #152	775,000	0	0	775,000	0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	100,000	0	0	0	100,000	0	0	0	0	0	0	0
Moores Road Bridge #78	400,000	0	0	0	80,000	0	0	0	0	0	320,000	0
Rush Road Bridge #97	400,000	0	0	0	400,000	0	0	0	0	0	0	0
Scarboro Road Bridge #140	50,000	0	0	0	50,000	0	0	0	0	0	0	0
Stafford Road Bridge #162	400,000	0	0	0	80,000	0	0	0	0	0	320,000	0
Structural Evaluation	50,000	0	50,000	0	0	0	0	0	0	0	0	0
Trappe Church Road Bridge #161	50,000	0	0	0	50,000	0	0	0	0	0	0	0
SUB-TOTAL BRIDGES	8,050,000	0	400,000	3,475,000	785,000	0	0	0	0	0	3,390,000	0

FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - ROADWAYS												
Curb, Sidewalks, Handicapped Ramps	400,000	0	400,000	0	0	0	0	0	0	0	0	0
Drainage Improvements	200,000	0	0	0	200,000	0	0	0	0	0	0	0
Guardrails	125,000	0	125,000	0	0	0	0	0	0	0	0	0
Intersection Improvements	400,000	0	0	0	400,000	0	0	0	0	0	0	0
New Roads & Stormdrains	100,000	0	50,000	0	0	0	0	0	0	0	0	50,000
Stormdrain Rehabilitation	350,000	0	0	0	350,000	0	0	0	0	0	0	0
Streetlights	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle & Road Safety	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0	0
Trimble Rd (Joppa to Garnett)	200,000	0	0	0	200,000	0	0	0	0	0	0	0
Washington Court Access Road	300,000	0	0	0	300,000	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	2,410,000	0	910,000	0	1,450,000	0	0	0	0	0	0	50,000
HIGHWAYS - RESURFACING												
Resurfacing Roadways	9,325,000	0	7,725,000	0	0	0	0	0	0	0	0	1,600,000
SUB-TOTAL RESURFACING	9,325,000	0	7,725,000	0	0	0	0	0	0	0	0	1,600,000
HIGHWAYS - MISCELLANEOUS												
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	4,000,000	0	4,000,000	0	0	0	0	0	0	0	0	0
Highways Facilities Repair Program	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Lease/SBITA Assets 24	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0
Norrisville Highways Facility	(3,475,000)	0	0	(3,475,000)	0	0	0	0	0	0	0	0
Refresh Program	510,000	0	510,000	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	265,000	0	265,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	3,425,000	0	4,900,000	(3,475,000)	0	2,000,000	0	0	0	0	0	0
TOTAL HIGHWAYS FUND	23,210,000	0	13,935,000	0	2,235,000	2,000,000	0	0	0	0	3,390,000	1,650,000
WATER PROJECTS												
Abingdon Park Water Main	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Abingdon WTP Switch Gear/Generator	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0
Infrastructure Mgmt System	400,000	0	400,000	0	0	0	0	0	0	0	0	0
Joppatowne Facility Improvements	750,000	0	750,000	0	0	0	0	0	0	0	0	0
Magnolia Booster Station	(1,318,372)	(56,992)	0	(1,261,380)	0	0	0	0	0	0	0	0
MDTA I-95 Improvements	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0
Oak Grove Booster Station	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Renewal & Replacement Water Infrs.	2,256,992	56,992	750,000	1,261,380	0	0	0	0	0	0	0	188,620
Replacement of Water Booster Station	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0
SCADA Information Management Syst.	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0	0
SHA Improvement Projects	300,000	0	300,000	0	0	0	0	0	0	0	0	0
US 40 Water Main Replacement	250,000	0	250,000	0	0	0	0	0	0	0	0	0
Water & Sewer Infrastructure Improve.	1,250,000	0	1,250,000	0	0	0	0	0	0	0	0	0
Water Meter Upgrade	250,000	0	250,000	0	0	0	0	0	0	0	0	0
Water Zone Improvements	200,000	0	200,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER	12,838,620	0	6,150,000	0	6,500,000	0	0	0	0	0	0	188,620
SEWER PROJECTS												
Brentwood Park PS Improvements	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Bynum Ridge Replacement Sewer	(160,028)	(160,028)	0	0	0	0	0	0	0	0	0	0
Fallston Area Sewer	(3,000,000)	0	0	(3,000,000)	0	0	0	0	0	0	0	0
Future Petition Projects	160,028	160,028	0	0	0	0	0	0	0	0	0	0
Hickory Sewer Infrastructure Improve.	(2,500,000)	0	0	(2,500,000)	0	0	0	0	0	0	0	0
Infiltration and Inflow	700,000	0	700,000	0	0	0	0	0	0	0	0	0
Oaklyn Manor/Joppa Area Sewer Relief	0	0	0	0	0	0	0	0	0	0	0	0
Pumping Station Improvements	500,738	0	286,000	0	0	0	0	0	0	0	0	214,738
Renewal & Replacement Sewer Infrastr.	2,800,000	0	300,000	2,500,000	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	3,000,000	0	0	3,000,000	0	0	0	0	0	0	0	0
Sod Run WWTP Ultraviolet Disinfection	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0
SUB-TOTAL SEWER	4,000,738	0	1,786,000	0	2,000,000	0	0	0	0	0	0	214,738

FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
W&S MISCELLANEOUS												
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	700,000	0	700,000	0	0	0	0	0	0	0	0	0
Lease/SBITA Assets 24	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0
Refresh Program	510,000	0	510,000	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	265,000	0	265,000	0	0	0	0	0	0	0	0	0
Water & Sewer Facilities Repair Program	250,000	0	250,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL MISCELLANEOUS	3,750,000	0	1,750,000	0	0	2,000,000	0	0	0	0	0	0
TOTAL WATER & SEWER FUND	20,589,358	0	9,686,000	0	8,500,000	2,000,000	0	0	0	0	0	403,358
TOTAL APPROVED CAPITAL BUDGET	259,647,000	0	39,013,000	0	102,590,000	4,000,000	5,000,000	9,500,000	15,000,600	45,922,000	7,165,000	31,456,400

FISCAL YEAR 2024 APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2024 CAPITAL BUDGET OVERVIEW

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

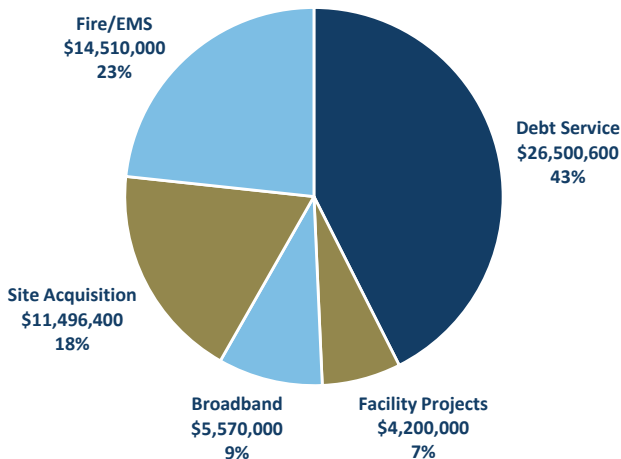
We monitor revenue trends and re-evaluate our projections throughout the year. This analysis, along with recommendations from our Spending Affordability Committee, provides the Administration with the knowledge of how much total funding is available to allocate to the upcoming budget, as well as the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

The Approved Fiscal Year 2024 Capital Budget consists of 149 projects at a total cost of \$259,647,000. 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.

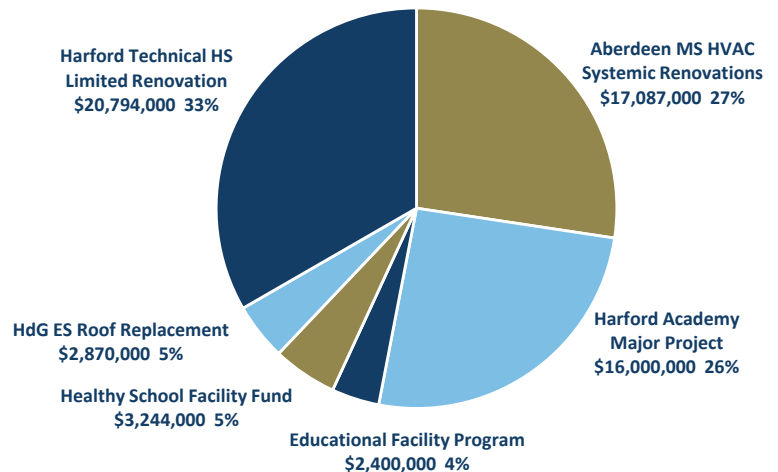
Harford County's financial operations are characterized by maintenance of sound reserves, a conservative approach to budget development, and timely revenue and spending adjustments. Fiscal policies governing multi-year planning, reserve retention and use of surplus funds for capital and other one-time spending aid in steady operating performance. In March 2023, 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.

General County and Public Safety Capital Highlights



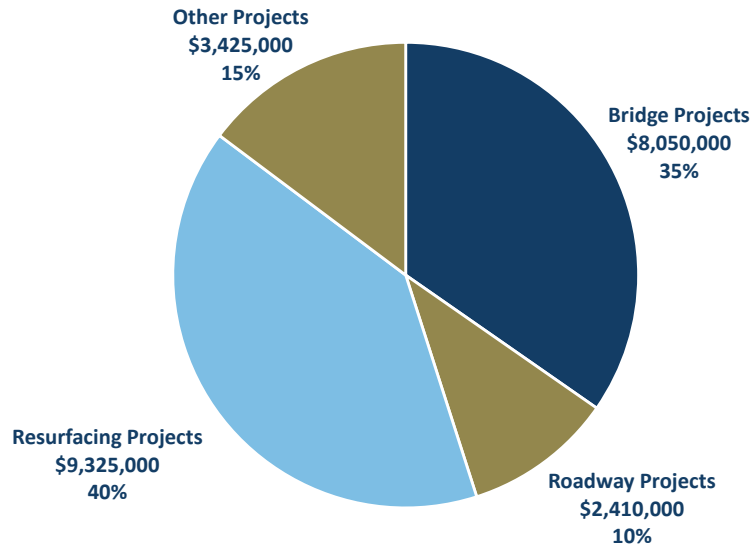
Board of Education Capital Highlights



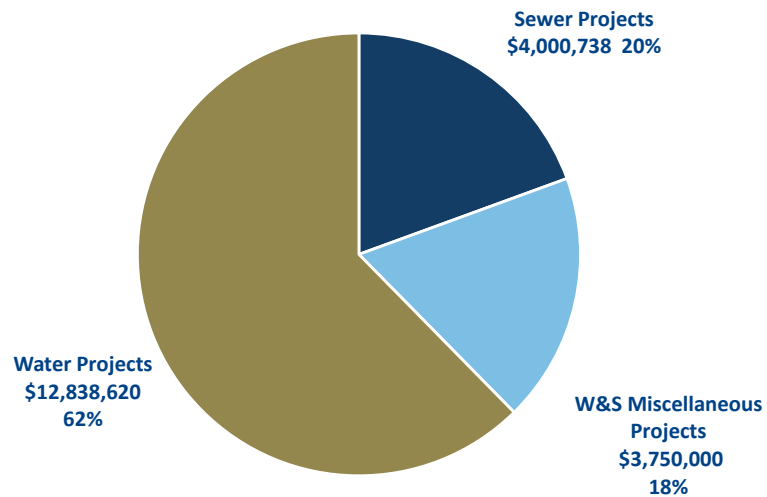
**FISCAL YEAR 2024
APPROVED CAPITAL BUDGET HIGHLIGHTS**

DEPARTMENT OF PUBLIC WORKS PROJECTS

Highways Capital Budget



Water and Sewer Capital Budget



<p style="text-align: center;">HARFORD COUNTY, MARYLAND STATEMENTS OF ESTIMATED UNAPPROPRIATED FUND BALANCES CAPITAL FUND</p>

	<u>GENERAL</u>	<u>HIGHWAYS</u>	<u>PARKS & REC.</u>	<u>TOTAL</u>
<u>TOTAL FUND BALANCE AT JUNE 30, 2022</u>	<u>21,283,239</u>	<u>21,236,533</u>	<u>3,513,606</u>	<u>46,033,378</u>
Estimated Revenues - Open Project	108,150,654	16,126,933	14,175,385	138,452,972
Estimated Expenditures - Open Project	<u>(121,897,320)</u>	<u>(16,325,142)</u>	<u>(13,670,685)</u>	<u>(151,893,147)</u>
	7,536,573	21,038,324	4,018,306	32,593,203
Fund Balance Available for Appropriation at June 30, 2023				
Less: Restricted Fund Balance				
Recordation and Transfer Tax	(3,093,417)	0	(4,018,306)	(7,111,723)
Grants/Dedicated	<u>(4,400,000)</u>	<u>(21,012,323)</u>	<u>0</u>	<u>(25,412,323)</u>
Fund Balance Available for Appropriation at June 30, 2023				
Undesignated Fund Balance	<u>43,156</u>	<u>26,001</u>	<u>0</u>	<u>69,157</u>

Fund Balance Available for Appropriation at June 30, 2023				
Undesignated Fund Balance	43,156	26,001	0	69,157
Estimated Revenues Fiscal Year 2024				
Paygo	15,342,000	13,935,000	50,000	29,327,000
Recordation Tax	12,000,600	0	3,000,000	15,000,600
Transfer Tax	9,500,000	0	0	9,500,000
Future Bonds	87,355,000	2,235,000	4,500,000	94,090,000
Reappropriated	5,000,000	0	0	5,000,000
Federal Grant	3,775,000	3,390,000	0	7,165,000
State Bonds	26,086,000	0	0	26,086,000
State Grants	15,721,000	0	4,115,000	19,836,000
Lease Finance	0	2,000,000	0	2,000,000
Developer/Other	25,878,042	1,650,000	3,525,000	31,053,042
Total Estimated Revenues Fiscal Year 2024	<u>200,657,642</u>	<u>23,210,000</u>	<u>15,190,000</u>	<u>239,057,642</u>
Estimated Expenditures Fiscal Year 2024	<u>(200,657,642)</u>	<u>(23,210,000)</u>	<u>(15,190,000)</u>	<u>(239,057,642)</u>
Fund Balance Available for Appropriation at June 30, 2024				
Undesignated Fund Balance	<u>43,156</u>	<u>26,001</u>	<u>0</u>	<u>69,157</u>

<p style="text-align: center;">HARFORD COUNTY, MARYLAND STATEMENT OF ESTIMATED UNRESTRICTED NET ASSETS WATER & SEWER CAPITAL FUND</p>

	<u>WATER & SEWER</u>
Unrestricted Net Assets June 30, 2022	0
Estimated Revenues - Open Projects	5,960,732
Estimated Expenditures - Open Projects	<u>(5,960,732)</u>
Estimated Unrestricted Net Assets June 30, 2023	<u>0</u>
 Estimated Revenues Fiscal Year 2024	
Paygo	9,686,000
Other	403,358
Lease Finance	2,000,000
Future Bonds	<u>8,500,000</u>
 Total Estimated Revenues Fiscal Year 2024	 20,589,358
Estimated Expenditures Fiscal Year 2024	<u>(20,589,358)</u>
 Estimated Unrestricted Net Assets June 30, 2024	 <u>0</u>

DEDICATED RECORDATION TAX STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	BOARD OF EDUCATION	PARKS & RECREATION	WATERSHED MANAGEMENT
UNDESIGNATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	8,792,817	3,513,606	11,318,662
Plus Fiscal Year 2023 Estimated Recordation Tax Revenues	12,000,600	2,999,700	2,999,700
Plus Fiscal Year 2023 Estimated Other Revenue	0	0	350,300
Less Fiscal Year 2023 Estimated Expenditures	<u>(17,700,000)</u>	<u>(2,495,000)</u>	<u>(5,748,662)</u>
 ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2023	3,093,417	4,018,306	8,920,000
Plus Fiscal Year 2024 Estimated Revenues:			
Plus Fiscal Year 2024 Estimated Recordation Tax Revenues	12,000,600	2,999,700	2,999,700
Plus Fiscal Year 2023 Estimated Other Revenue	0	0	360,300
Less Fiscal Year 2024 Estimated Expenditures	<u>(14,000,600)</u>	<u>(3,000,000)</u>	<u>(6,006,000)</u>
 ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2024	<u><u>1,093,417</u></u>	<u><u>4,018,006</u></u>	<u><u>6,274,000</u></u>

DEDICATED TRANSFER TAX STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	AGRICULTURAL PRESERVATION	BOARD OF EDUCATION
TOTAL FUND BALANCE AT JUNE 30, 2022	47,102,288	8,809,275
Plus Fiscal Year 2023:		
Transfer Tax		
2023 Transfer Tax receipts	9,500,000	9,500,000
Other Revenues	500,000	0
Less Fiscal Year 2023 Estimated Expenditures	(22,402,288)	(14,000,000)
Less: Committed Fund Balance Designated for Other Purposes	<u>(25,000,000)</u>	<u>0</u>
UNDESIGNATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2023	9,700,000	4,309,275
Plus Fiscal Year 2024 Estimated Revenues:		
Transfer Tax		
2024 Transfer Tax receipts	9,500,000	9,500,000
Other Revenue	1,000,000	0
Less Fiscal Year 2024 Estimated Expenditures	<u>(10,500,000)</u>	<u>(12,500,000)</u>
ESTIMATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2024	<u><u>9,700,000</u></u>	<u><u>1,309,275</u></u>

<p style="text-align: center;">DEDICATED IMPACT FEE</p> <p style="text-align: center;">STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE</p>

	BOARD OF EDUCATION
UNDESIGNATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	0
Plus Fiscal Year 2023 Estimated Impact Fee Revenues	2,500,000
Less Fiscal Year 2023 Estimated Expenditures	(2,500,000)
ESTIMATE IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2023	0
Plus Fiscal Year 2024 Estimated Revenues:	2,300,000
Less Fiscal Year 2024 Estimated Expenditures	(2,300,000)
ESTIMATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2024	0

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 24.

RECORDATION TAX

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

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

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

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

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

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

For FY 24 Recordation Tax revenues are appropriated as follows:

<u>Harford County's FY 24 Operating Budget</u>		\$13,250,600
From FY 24 Estimated Recordation Tax Receipts:		\$13,250,600
Board of Education Debt Service	\$12,000,600	
Principal Payments	\$10,039,811	
Interest Payments	1,960,789	
	\$12,000,600	
Watershed Management Debt Service	\$1,250,000	
<u>Harford County's FY 24 Capital Budget</u>		\$3,000,000
Parks & Recreation Projects		\$3,000,000
Edgewood Recreation Park	100,000	
Emily Bayless Graham Park	250,000	
Equestrian Center Improvements	365,000	
Facility Repair & Renovations	100,000	
Heavenly Waters Park - Soma	100,000	
Norrisville Park	300,000	
Northern Regional Park	500,000	
Oakington Peninsula System	150,000	
Outdoor AED Construction	30,000	
Park Improvements	50,000	
Parking Lot Paving	150,000	
Parkland Acquisition	75,000	
Perryman Park Development	230,000	
Playground Equipment	150,000	
Tennis/Multipurp/Pickleball	150,000	
Vale Road Park	300,000	
Total Recordation Tax revenues appropriated for Fiscal Year 2024		\$16,250,600

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 24 Transfer Tax revenues are appropriated as follows:

Harford County's FY 24 Operating Budget

From FY 24 Estimated Transfer Tax Receipts: \$19,000,000

Agricultural Preservation Fund \$9,500,000

Board of Education Debt Service \$9,500,000

Principal Payments	\$7,432,838
Interest Payments	2,067,162
	\$9,500,000

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 four completed fiscal years and the projected amount for Fiscal Year 2024 are presented in the following table:

Fiscal Year	Public Schools
2019	3,438,000
2020	3,660,600
2021	4,000,200
2022	2,579,400
2023*	3,500,000
2024*	2,300,000

*Estimate

**HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION
DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS
FY 24 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS**

FY 24 RECORDATION TAX AVAILABLE	12,000,600
PRIOR YEAR RECORDATION TAX	2,000,000
FY 24 TRANSFER TAX AVAILABLE	9,500,000
PRIOR YEAR TRANSFER TAX	3,000,000
IMPACT FEES APPROPRIATED	2,300,000
GENERAL FUNDS APPROPRIATED	6,919,339
TOTAL FUNDS AVAILABLE FOR SCHOOL DEBT SERVICE	<u>35,719,939</u>

FUNDS APPROPRIATED FOR SCHOOL DEBT SERVICE:

PRINCIPAL

	FY 24 RECORDATION	PRIOR YEAR RECORDATION	FY 24 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 24 GENERAL FUNDS	TOTAL
Refunding Bonds of 2012	447,520						447,520
School Bonds of 2013	507,992						507,992
Refunding Bonds of 2013	3,585,560						3,585,560
School Bonds of 2014	193,058						193,058
School Bonds of 2015	590,892						590,892
Refunding Bonds of 2015	4,714,789						4,714,789
School Bonds of 2016		517,307					517,307
School Bonds of 2017		1,252,987	100,362				1,353,349
School Bonds of 2018			1,660,295				1,660,295
School Bonds of 2019			788,021				788,021
Refunding Bonds of 2020			4,884,160	146,714			5,030,874
School Bonds of 2020				713,927			713,927
School Bonds of 2021					1,482,400		1,482,400
Refunding Bonds of 2022					512,052	104,496	616,548
School Bonds of 2022						2,038,191	2,038,191
School Bonds of 2023						996,328	996,328
TOTAL	10,039,811	1,770,294	7,432,838	860,641	1,994,452	3,139,015	25,237,051

INTEREST

	FY 24 RECORDATION	PRIOR YEAR RECORDATION	FY 24 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 24 GENERAL FUNDS	TOTAL
Refunding Bonds of 2012	10,077						10,077
School Bonds of 2013	165,449						165,449
Refunding Bonds of 2013	373,996						373,996
School Bonds of 2014	75,201						75,201
School Bonds of 2015	224,539						224,539
Refunding Bonds of 2015	1,111,527	33,129					1,144,656
School Bonds of 2016		196,577					196,577
School Bonds of 2017			622,173				622,173
School Bonds of 2018			934,746				934,746
School Bonds of 2019			510,243				510,243
Refunding Bonds of 2020				2,031,722			2,031,722
School Bonds of 2020				107,637	305,548		413,185
School Bonds of 2021						791,261	791,261
Refunding Bonds of 2022						308,135	308,135
School Bonds of 2022						1,485,332	1,485,332
School Bonds of 2023						1,195,596	1,195,596
TOTAL	1,960,789	229,706	2,067,162	2,139,359	305,548	3,780,324	10,482,888

**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
Principal			
661110 Principal	46,623,770	54.13%	25,237,051
Interest			
662110 Interest	17,945,020	58.42%	10,482,888
Cost of Issuance			
664110 Service Costs	640,000	0.00%	0
Total General Fund Debt Service:	65,208,790	54.78%	35,719,939

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	10,039,811	1,770,294	7,432,838	860,641	1,994,452	3,139,015
Interest						
662110 Interest	1,960,789	229,706	2,067,162	2,139,359	305,548	3,780,324
Cost of Issuance						
664110 Service Costs	0	0	0	0	0	0
Total General Fund Debt Service:	12,000,600	2,000,000	9,500,000	3,000,000	2,300,000	6,919,339

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

GENERAL CAPITAL

FY 24 Funded Projects

Board of Education Debt Service 24	26,500,600	0	26,500,600	0	0	0	0	0
Broadband Infrastructure	32,820,000	25,000,000	7,820,000	0	0	0	0	0
County Owned SWM Rehab/Repair	2,200,000	550,000	650,000	200,000	200,000	200,000	200,000	200,000
Courthouse Building Repairs	10,334,900	10,034,900	300,000	0	0	0	0	0
Demolition of Abandoned Bldgs.	300,000	0	150,000	0	75,000	0	75,000	0
Efficiency Capital Investment	1,685,400	1,485,400	200,000	0	0	0	0	0
Facility Repair/Life Cycle Program	7,700,000	5,000,000	200,000	500,000	500,000	500,000	500,000	500,000
Fleet Replacement	49,065,000	20,540,000	3,425,000	4,100,000	4,500,000	5,000,000	5,500,000	6,000,000
Harford Metro Area Net. (HMAN)	32,280,000	28,280,000	4,000,000	0	0	0	0	0
Maintenance/Repair County Dams	1,400,000	450,000	450,000	100,000	100,000	100,000	100,000	100,000
Maint/Repair of Stormwater Fac.	3,750,000	1,000,000	1,000,000	350,000	350,000	350,000	350,000	350,000
Major Reno/Const. Co. Facilities	6,500,000	0	4,000,000	500,000	500,000	500,000	500,000	500,000
Refresh Program	7,253,478	4,353,478	2,900,000	0	0	0	0	0
Safeguarding Business Operations	22,275,400	19,625,400	2,650,000	0	0	0	0	0
Site Acquisition	38,104,161	26,607,761	11,496,400	0	0	0	0	0
Southern County Task Force	525,000	0	525,000	0	0	0	0	0

Outyear Projects

HCSO Central Precinct/Training Ac.	29,500,000	22,500,000	0	7,000,000	0	0	0	0
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Open Projects

Abingdon Library Windows/HVAC	1,259,000	1,259,000	0	0	0	0	0	0
African American Heritage Prog.	1,000,000	1,000,000	0	0	0	0	0	0
Board of Education Debt Service 23	31,700,000	31,700,000	0	0	0	0	0	0
Disparity Study	600,000	600,000	0	0	0	0	0	0
Facilities Repair Program	39,518,213	39,518,213	0	0	0	0	0	0
Fleet Maintenance Facility	16,126,000	16,126,000	0	0	0	0	0	0
Harford Ag Research/Expo Center	2,800,000	2,800,000	0	0	0	0	0	0
Hazard/Flood Mitigation Program	500,000	500,000	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0
Lease/SBITA Assets	11,500,000	11,500,000	0	0	0	0	0	0
Maintenance/Repair of SW Fac.	872,850	872,850	0	0	0	0	0	0
MD 924 Small Area Critical Plan	300,000	300,000	0	0	0	0	0	0
Reforestation & Buffer Mitigation	100,000	100,000	0	0	0	0	0	0
Reforestation and Landscaping	680,000	680,000	0	0	0	0	0	0
Underground/Aboveground Tank	1,344,000	1,344,000	0	0	0	0	0	0

GENERAL CAPITAL BY PROJECT	387,544,002	280,777,002	66,267,000	12,750,000	6,225,000	6,650,000	7,225,000	7,650,000
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Paygo	77,338,491	54,163,491	7,925,000	2,100,000	2,575,000	3,000,000	3,575,000	4,000,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	12,300,000	7,300,000	5,000,000	0	0	0	0	0
Future Bonds	30,300,000	0	18,300,000	8,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Prior Bonds	133,860,069	133,860,069	0	0	0	0	0	0
Transfer Tax	20,500,000	11,000,000	9,500,000	0	0	0	0	0
Recordation Tax	25,400,600	13,400,000	12,000,600	0	0	0	0	0
State	18,572,979	14,002,979	4,570,000	0	0	0	0	0
Federal	33,590,692	29,815,692	3,775,000	0	0	0	0	0
Developer/Other	22,621,171	4,174,771	5,196,400	2,650,000	2,650,000	2,650,000	2,650,000	2,650,000
Lease Purchase	1,560,000	1,560,000	0	0	0	0	0	0
Lease Revenue	11,500,000	11,500,000	0	0	0	0	0	0

GENERAL CAPITAL BY FUND	387,544,002	280,777,002	66,267,000	12,750,000	6,225,000	6,650,000	7,225,000	7,650,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
GENERAL PROJECTS												
Board of Education Debt Service	26,500,600	0	0	0	0	0	5,000,000	9,500,000	12,000,600	0	0	0
Broadband Infrastructure	7,820,000	0	0	0	0	0	0	0	0	4,570,000	3,250,000	0
County SWM Rehab & Repair	650,000	0	650,000	0	0	0	0	0	0	0	0	0
Courthouse Building Repairs	300,000	0	0	0	300,000	0	0	0	0	0	0	0
Demolition of Abandoned Buildings	150,000	0	150,000	0	0	0	0	0	0	0	0	0
Efficiency Capital Investment	200,000	0	200,000	0	0	0	0	0	0	0	0	0
Facility Repair/Life Cycle Program	200,000	0	0	0	0	0	0	0	0	0	200,000	0
Fleet Replacement	3,425,000	0	525,000	0	0	0	0	0	0	0	0	2,900,000
Harford County Metro Area Network	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0
Maintenance/Repair of County Dams	450,000	0	450,000	0	0	0	0	0	0	0	0	0
Maintenance/Repair of SW Facilities	1,000,000	0	200,000	0	0	0	0	0	0	0	0	800,000
Major Renovation/Const. County Fac.	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0
Refresh Program	2,900,000	0	2,900,000	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	2,650,000	0	2,650,000	0	0	0	0	0	0	0	0	0
Site Acquisition	11,496,400	0	0	0	10,000,000	0	0	0	0	0	0	1,496,400
Southern County Task Force	525,000	0	200,000	0	0	0	0	0	0	0	325,000	0
SUB-TOTAL GENERAL	66,267,000	0	7,925,000	0	18,300,000	0	5,000,000	9,500,000	12,000,600	4,570,000	3,775,000	5,196,400



Board of Education Debt Service 24

GENERAL

Project Number: A244101
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

This project will be ongoing to pay debt service.

PROJECT DESCRIPTION:

This project allows for the collection of Recordation Tax and Transfer Tax in the Capital Projects funds 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 an audit presentation.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		26,500,600	26,500,600						26,500,600
Total Cost:	0	26,500,600	26,500,600	0	0	0	0	0	26,500,600

FUNDING SCHEDULE

R1515 Recordation Tax		12,000,600	12,000,600						12,000,600
R1525 Transfer Tax		9,500,000	9,500,000						9,500,000
R8026 Reapp Trsf Tax		3,000,000	3,000,000						3,000,000
R8027 Reapp Rec Tax		2,000,000	2,000,000						2,000,000
			0						0
Total Cost:	0	26,500,600	26,500,600	0	0	0	0	0	26,500,600



Broadband Infrastructure

GENERAL

Project Number: A234103
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures: X
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:
 \$9,000,000

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

This project will provide funding to expand the Harford Metro Area Network (HMAN) backbone and lateral dark fiber to unserved areas of the County. This expansion will allow an Internet Service Provider to build infrastructure from the backbone and laterals to provide internet service to these unserved areas.

Appropriation authority is provided in this budget to accept Federal and State grant funding through grants such as the American Rescue Plan Act (ARPA), the Statewide Broadband Infrastructure grant programs, and other various grant mechanisms for broadband expansion to unserved regions.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		7,820,000	7,820,000						7,820,000
Land Acquisition			0						0
Construction	25,000,000		25,000,000						25,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	25,000,000	7,820,000	32,820,000	0	0	0	0	0	32,820,000

FUNDING SCHEDULE

R3161 ARPA	10,000,000	1,000,000	11,000,000						11,000,000
R3399 State Other	9,000,000	4,570,000	13,570,000						13,570,000
R3199 Federal Other	6,000,000	2,250,000	8,250,000						8,250,000
R8750 Paygo			0						0
			0						0
			0						0
Total Cost:	25,000,000	7,820,000	32,820,000	0	0	0	0	0	32,820,000



County Owned Stormwater Management Rehabilitation & Repair (New)

GENERAL

Project Number: A234104
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project provides for non-routine repairs, major maintenance and/or rehabilitation of County owned stormwater management facilities.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	50,000	100,000	150,000	100,000	100,000	100,000	100,000	100,000	650,000
Land Acquisition			0						0
Construction	450,000	500,000	950,000	90,000	90,000	90,000	90,000	90,000	1,400,000
Inspection Fees	50,000	50,000	100,000	10,000	10,000	10,000	10,000	10,000	150,000
Equipment/Furnishing			0						0
Total Cost:	550,000	650,000	1,200,000	200,000	200,000	200,000	200,000	200,000	2,200,000

FUNDING SCHEDULE

R8750 Paygo	550,000	650,000	1,200,000	200,000	200,000	200,000	200,000	200,000	2,200,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	550,000	650,000	1,200,000	200,000	200,000	200,000	200,000	200,000	2,200,000



Courthouse Building Repairs

GENERAL

Project Number: A094102
Council District: C
Location: Bel Air
Est. Debt Service: \$205,800 (annual)

Operating Budget Impact

Revenues:
 Expenditures: <\$4,000/year
 Cost Savings:
 None:

Expended/Encumbered as of 1/9/23:

\$9,336,738



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,035,000		1,035,000						1,035,000
Land Acquisition			0						0
Construction	8,699,900	300,000	8,999,900						8,999,900
Inspection Fees	300,000		300,000						300,000
Equipment/Furnishing			0						0
Total Cost:	10,034,900	300,000	10,334,900	0	0	0	0	0	10,334,900

FUNDING SCHEDULE

R3150 Federal ARRA	134,900		134,900						134,900
R8750 Paygo	100,000		100,000						100,000
R7100 Prior Bonds	9,800,000		9,800,000						9,800,000
R7000 Future Bonds		300,000	300,000						300,000
			0						0
Total Cost:	10,034,900	300,000	10,334,900	0	0	0	0	0	10,334,900



Demolition of Abandoned Buildings

GENERAL

Project Number: A244102
Council District: Various
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will provide funding for the abatement of unsafe structures and/or unsafe site conditions throughout the county. The Department of Inspections, Licenses, and Permits will oversee and manage this project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction		150,000	150,000		75,000		75,000		300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	150,000	150,000	0	75,000	0	75,000	0	300,000

FUNDING SCHEDULE

R8750 Paygo		150,000	150,000		75,000		75,000		300,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	150,000	150,000	0	75,000	0	75,000	0	300,000



Efficiency Capital Investment Projects

GENERAL

Project Number: A134104
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$528,565



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings: X
 None:

Project Schedule/Status:

FY 23: Construction. Currently identified sites include but are not limited to Mariner Point Park, Equestrian Center, Anita C. Leight Estuary Center, Flying Point Park, and Cedar Lane Park.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	291,500		291,500						291,500
Land Acquisition			0						0
Construction	350,400	200,000	550,400						550,400
Inspection Fees	23,500		23,500						23,500
Equipment/Furnishing	820,000		820,000						820,000
Total Cost:	1,485,400	200,000	1,685,400	0	0	0	0	0	1,685,400

FUNDING SCHEDULE

R8750 Paygo	500,000	200,000	700,000						700,000
R6999 Other	130,000		130,000						130,000
R3399 State Other	855,400		855,400						855,400
			0						0
			0						0
Total Cost:	1,485,400	200,000	1,685,400	0	0	0	0	0	1,685,400



Facility Repair/Life-Cycle Program

GENERAL

Project Number: A234105
Council District: Multiple
Location: Various
Est. Debt Service: \$105,000 (annual)

Expended/Encumbered as of 1/9/23:

\$997,043



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 24: Edgewood Library parking lot repavement, Liriodendron Portico replacement, building rekeying program (220 S. Main Street), 212 S. Bond Street, 18 Office Street; Office of Aging evaluate/replace fire alarm systems. 18 Office St. and Courthouse elevator modernization.

PROJECT DESCRIPTION:

This project provides funding for the replacement, renovation, and repairs of county building systems (site, roofing, structural, exterior, interior, mechanical, plumbing, electrical, fire/life safety, and conveyances). DPW Facilities & Operations will oversee and manage this project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	410,000		410,000						410,000
Land Acquisition			0						0
Construction	4,590,000	200,000	4,790,000	500,000	500,000	500,000	500,000	500,000	7,290,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,000,000	200,000	5,200,000	500,000	500,000	500,000	500,000	500,000	7,700,000

FUNDING SCHEDULE

R7000 Future Bonds			0	500,000	500,000	500,000	500,000	500,000	2,500,000
R7100 Prior Bonds	5,000,000		5,000,000						5,000,000
R3199 Federal Other		200,000	200,000						200,000
			0						0
			0						0
Total Cost:	5,000,000	200,000	5,200,000	500,000	500,000	500,000	500,000	500,000	7,700,000



Fleet Replacement

GENERAL

Project Number: A124102
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings: X
None:

Expended/Encumbered as of 1/9/23:
 \$19,310,380



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:
 This project is ongoing.

PROJECT DESCRIPTION:

This project will provide funds for the replacement of essential vehicles and equipment to enable agencies to perform their critical jobs in county government, public safety, Sheriff's Office, emergency services, etc. Units to be replaced are on average 10 years old with high mileage and have become unreliable.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	20,540,000	3,425,000	23,965,000	4,100,000	4,500,000	5,000,000	5,500,000	6,000,000	49,065,000
Total Cost:	20,540,000	3,425,000	23,965,000	4,100,000	4,500,000	5,000,000	5,500,000	6,000,000	49,065,000

FUNDING SCHEDULE

R8750 Paygo	20,540,000	525,000	21,065,000	1,700,000	2,100,000	2,600,000	3,100,000	3,600,000	34,165,000
R6130 Invest. Income		2,900,000	2,900,000	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000	14,900,000
			0						0
			0						0
			0						0
Total Cost:	20,540,000	3,425,000	23,965,000	4,100,000	4,500,000	5,000,000	5,500,000	6,000,000	49,065,000



Harford County Metro Area Network (HMAN)

GENERAL

Project Number: A124131
Council District: Multiple
Location: Various
Est. Debt Service: \$445,200 (annual)

Expended/Encumbered as of 1/9/23:
 \$25,777,334



■ Expended/Enc. ■ Budget

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:
 This project is ongoing.

PROJECT DESCRIPTION:

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 will allow consideration 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 government, public safety, education, health care, commercial and residential users a single infrastructure, with complete sovereignty and security, on an advanced consolidated core backbone.

FY 24 appropriation for refresh of current network infrastructure as well as additional HMAN sites.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	16,280,000	4,000,000	20,280,000						20,280,000
Land Acquisition			0						0
Construction	12,000,000		12,000,000						12,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	28,280,000	4,000,000	32,280,000	0	0	0	0	0	32,280,000

FUNDING SCHEDULE

R7100 Prior Bonds	17,200,000		17,200,000						17,200,000
R6999 Other	80,000		80,000						80,000
R3161 ARPA	10,000,000		10,000,000						10,000,000
R3399 State Other	1,000,000		1,000,000						1,000,000
R7000 Future Bonds		4,000,000	4,000,000						4,000,000
Total Cost:	28,280,000	4,000,000	32,280,000	0	0	0	0	0	32,280,000



Maintenance/Repair of County Maintained Dams

GENERAL

Project Number: A234106
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$35,244



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project provides for the annual maintenance, inspection, evaluation and monitoring of dams, which are the responsibility of Harford County including but not limited to dams located at Deer Creek, Lake Serene, Eden Mill and the Oaks of Harford.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000	100,000	200,000	50,000	50,000	50,000	50,000	50,000	450,000
Land Acquisition			0						0
Construction	350,000	350,000	700,000	50,000	50,000	50,000	50,000	50,000	950,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	450,000	450,000	900,000	100,000	100,000	100,000	100,000	100,000	1,400,000

FUNDING SCHEDULE

R8750 Paygo	450,000	450,000	900,000	100,000	100,000	100,000	100,000	100,000	1,400,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	450,000	450,000	900,000	100,000	100,000	100,000	100,000	100,000	1,400,000



Maintenance/Repair of Stormwater Facilities

GENERAL

Project Number: A234107
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$77,363



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project will provide the funding for triennial maintenance inspections of stormwater management facilities mandated by the Maryland Department of Environment and for the repairs and maintenance of 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 cost of repairs would be assessed against the owner(s).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	200,000	200,000	400,000	100,000	100,000	100,000	100,000	100,000	900,000
Land Acquisition			0						0
Construction	500,000	500,000	1,000,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Inspection Fees	300,000	300,000	600,000	50,000	50,000	50,000	50,000	50,000	850,000
Equipment/Furnishing			0						0
Total Cost:	1,000,000	1,000,000	2,000,000	350,000	350,000	350,000	350,000	350,000	3,750,000

FUNDING SCHEDULE

R6330 Developer	300,000	300,000	600,000	50,000	50,000	50,000	50,000	50,000	850,000
R1602 Special Assess.	500,000	500,000	1,000,000	200,000	200,000	200,000	200,000	200,000	2,000,000
R8750 Paygo	200,000	200,000	400,000	100,000	100,000	100,000	100,000	100,000	900,000
			0						0
			0						0
Total Cost:	1,000,000	1,000,000	2,000,000	350,000	350,000	350,000	350,000	350,000	3,750,000



Major Renovations/Construction County Facilities

GENERAL

Project Number: A244103
Council District: Multiple
Location: Various
Est. Debt Service: \$84,000 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 24: Edgewood PAL Center major renovations

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will provide funding for major renovations/construction of County owned Facilities.
 DPW Capital Projects will oversee and manage this project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		250,000	250,000						250,000
Land Acquisition			0						0
Construction		3,750,000	3,750,000	500,000	500,000	500,000	500,000	500,000	6,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	4,000,000	4,000,000	500,000	500,000	500,000	500,000	500,000	6,500,000

FUNDING SCHEDULE

R7000 Future Bonds		4,000,000	4,000,000	500,000	500,000	500,000	500,000	500,000	6,500,000
R7100 Prior Bonds			0						0
			0						0
			0						0
			0						0
Total Cost:	0	4,000,000	4,000,000	500,000	500,000	500,000	500,000	500,000	6,500,000



Refresh Program

GENERAL

Project Number: A124103
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$3,600,615



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

This project is to refresh the computers, network, infrastructure, server, storage and peripherals throughout the County. This project will be an ongoing maintenance effort to keep the County's equipment current and to replace equipment as it becomes obsolete or out of support. This project will be managed by the Office of Information and Communication Technology. FY 24 appropriation for refresh computer and storage platforms, refresh LAN infrastructure, service desk refresh, fire service refresh, and refresh VOIP systems at (14) schools.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	4,353,478	2,900,000	7,253,478						7,253,478
Total Cost:	4,353,478	2,900,000	7,253,478	0	0	0	0	0	7,253,478

FUNDING SCHEDULE

R8750 Paygo	4,353,478	2,900,000	7,253,478						7,253,478
			0						0
			0						0
			0						0
			0						0
Total Cost:	4,353,478	2,900,000	7,253,478	0	0	0	0	0	7,253,478



Safeguarding Business Operations

GENERAL

Project Number: A114104
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
\$15,304,897



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

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

FY 24 funding is appropriated for Workday, Taxnet, Data Center Technology for data enhancement and infrastructure security, and vulnerability assessments and testing.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	19,625,400	2,650,000	22,275,400						22,275,400
Total Cost:	19,625,400	2,650,000	22,275,400	0	0	0	0	0	22,275,400

FUNDING SCHEDULE

R8750 Paygo	17,715,400	2,650,000	20,365,400						20,365,400
R7160 Lease Purchase	1,560,000		1,560,000						1,560,000
R3161 ARPA	350,000		350,000						350,000
			0						0
			0						0
Total Cost:	19,625,400	2,650,000	22,275,400	0	0	0	0	0	22,275,400



Site Acquisition

GENERAL

Project Number: A064109
Council District: Multiple
Location: Various
Est. Debt Service: \$745,663 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$21,603,926



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:
 This project is ongoing.

PROJECT DESCRIPTION:

This project is 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 & recreation, libraries and other public purposes.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition	26,607,761	11,496,400	38,104,161						38,104,161
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	26,607,761	11,496,400	38,104,161	0	0	0	0	0	38,104,161

FUNDING SCHEDULE

R3199 Federal Other	525,000		525,000						525,000
R6130 Invest. Income		1,496,400	1,496,400						1,496,400
R3399 State Other	225,000		225,000						225,000
R7100 Prior Bonds	25,507,761		25,507,761						25,507,761
R7000 Future Bonds		10,000,000	10,000,000						10,000,000
R6999 Other	350,000		350,000						350,000
Total Cost:	26,607,761	11,496,400	38,104,161	0	0	0	0	0	38,104,161



Southern County Task Force

GENERAL

Project Number: A244104
Council District: Various
Location: Southern Harford County
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will fund the organization and study of the southern portion of Harford County to assess and determine needs as related to future capital projects.

Appropriation authority for CDBG funds is included for FY24 in the amount of \$325,000.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		525,000	525,000						525,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	525,000	525,000	0	0	0	0	0	525,000

FUNDING SCHEDULE

R8750 Paygo		200,000	200,000						200,000
R3199 Federal Other		325,000	325,000						325,000
			0						0
			0						0
			0						0
Total Cost:	0	525,000	525,000	0	0	0	0	0	525,000

OUTYEAR PROJECTS

FY 25 - FY 29



HCSO Central Precinct & Training Academy

GENERAL

Project Number: A204103
Council District: D
Location: Aberdeen
Est. Debt Service: \$451,500 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$857,080



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 22: Design

FY 23: Construction

PROJECT DESCRIPTION:

This project provides funds for the renovations of the existing facility into the new Harford County Sheriff's Office Central Precinct and Training Academy. The project will also include the construction of a county-wide fuel station similar to the Hickory fuel station.

This project was formerly titled 1201 Technology Drive.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,000,000		1,000,000						1,000,000
Land Acquisition			0						0
Construction	21,500,000		21,500,000	7,000,000					28,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	22,500,000	0	22,500,000	7,000,000	0	0	0	0	29,500,000

FUNDING SCHEDULE

R7100 Prior Bonds	21,500,000		21,500,000						21,500,000
R7920 State Bonds	1,000,000		1,000,000						1,000,000
R7000 Future Bonds			0	7,000,000					7,000,000
			0						0
			0						0
Total Cost:	22,500,000	0	22,500,000	7,000,000	0	0	0	0	29,500,000

OPEN / ACTIVE PROJECTS



Abingdon Library Window and HVAC Replacement

GENERAL

Project Number: A194101
Council District: B
Location: Abingdon
Est. Debt Service: \$12,369 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,057,000



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

There are numerous deficits in the existing curtainwall at the Abingdon Library that allow rainwater to penetrate and leak into the building. This project will replace approximately 6,350 square feet of defective curtain wall window system (to include glaze lites, glass framing, glazing, flashing, sealants and structural clips).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,259,000		1,259,000						1,259,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,259,000	0	1,259,000	0	0	0	0	0	1,259,000

FUNDING SCHEDULE

R7100 Prior Bonds	589,000		589,000						589,000
R3399 State Other	670,000		670,000						670,000
			0						0
			0						0
			0						0
Total Cost:	1,259,000	0	1,259,000	0	0	0	0	0	1,259,000



African American Heritage Program

GENERAL

Project Number: A234101
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project will provide funds dedicated to African American heritage. Eligible projects will contribute to the protection, preservation, and understanding of African American historical and cultural resources in Harford County. This program will help further the goals of Harford NEXT, Chapter 5: Preserving Our Heritage.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,000,000		1,000,000						1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R8750 Paygo	1,000,000		1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000



Board of Education Debt Service 23

GENERAL

Project Number: A234102
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

This project will be ongoing to pay debt service.

PROJECT DESCRIPTION:

This project allows for the collection of Recordation Tax and Transfer Tax in the Capital Projects funds 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 an audit presentation.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	31,700,000		31,700,000						31,700,000
Total Cost:	31,700,000	0	31,700,000	0	0	0	0	0	31,700,000

FUNDING SCHEDULE

R1515 Recordation Tax	13,400,000		13,400,000						13,400,000
R1525 Transfer Tax	11,000,000		11,000,000						11,000,000
R8026 Reapp Trsf Tax	3,000,000		3,000,000						3,000,000
R8027 Reapp Rec Tax	4,300,000		4,300,000						4,300,000
			0						0
Total Cost:	31,700,000	0	31,700,000	0	0	0	0	0	31,700,000



Disparity Study

GENERAL

Project Number: A224102
Council District: Various
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$316,075



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Ongoing.

PROJECT DESCRIPTION:

This project will provide funding to procure a consultant to conduct a disparity study to determine whether inequities exist in procurement that adversely affect minorities and/or women. The evidence will determine whether the County has a strong basis for implementing race and gender conscious contracting policies.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	600,000		600,000						600,000
Land Acquisition			0						0
Construction			0						0
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
Total Cost:	600,000	0	600,000	0	0	0	0	0	600,000



Facilities Repair Program

GENERAL

Project Number: A034102
Council District: Multiple
Location: Various
Est. Debt Service: \$612,114 (annual)

Expended/Encumbered as of 1/9/23:
 \$35,081,493



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement program after remaining balance has been expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	3,686,593		3,686,593						3,686,593
Land Acquisition			0						0
Construction	34,519,668		34,519,668						34,519,668
Inspection Fees	621,952		621,952						621,952
Equipment/Furnishing	690,000		690,000						690,000
Total Cost:	39,518,213	0	39,518,213	0	0	0	0	0	39,518,213

FUNDING SCHEDULE

R8750 Paygo	7,489,613		7,489,613						7,489,613
R7100 Prior Bonds	29,148,308		29,148,308						29,148,308
R3150 Federal ARRA	2,065,792		2,065,792						2,065,792
R3399 State Other	695,000		695,000						695,000
R6999 Other	119,500		119,500						119,500
Total Cost:	39,518,213	0	39,518,213	0	0	0	0	0	39,518,213



Fleet Maintenance Facility

GENERAL

Project Number: A164102
Council District: C
Location: Hickory
Est. Debt Service: \$338,646 (annual)

Expended/Encumbered as of 1/9/23:
 \$16,046,394



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 19: Design
 FY 22: Construction

PROJECT DESCRIPTION:

This project provides for engineering, design and construction of a new Fleet Maintenance/Radio Shop facility for Harford County and the Board of Education. The facility was listed as a high priority in the Countywide Facilities Master Plan Study.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	829,000		829,000						829,000
Land Acquisition			0						0
Construction	15,147,000		15,147,000						15,147,000
Inspection Fees			0						0
Equipment/Furnishing	150,000		150,000						150,000
Total Cost:	16,126,000	0	16,126,000	0	0	0	0	0	16,126,000

FUNDING SCHEDULE

R7100 Prior Bonds	16,126,000		16,126,000						16,126,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	16,126,000	0	16,126,000	0	0	0	0	0	16,126,000



Harford County Agricultural Research and Exposition Center

GENERAL

Project Number: A164103
Council District: D
Location: Dublin
Est. Debt Service: \$47,250 (annual)

Expended/Encumbered as of 1/9/23:

\$2,400,000



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY22: Complete trails, playground, pavilion
 Phase III includes hiking trails that will highlight soil conservation best practices, gardens and native species. Trails will connect to Chesapeake Therapeutic Riding property. Public pavilion and agricultural themed playground.

PROJECT DESCRIPTION:

This project will provide funding for site, engineering, and construction costs 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	2,550,000		2,550,000						2,550,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,800,000	0	2,800,000	0	0	0	0	0	2,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,250,000		2,250,000						2,250,000
R3399 State Other	550,000		550,000						550,000
			0						0
			0						0
			0						0
Total Cost:	2,800,000	0	2,800,000	0	0	0	0	0	2,800,000



Hazard/Flood Mitigation Assistance Program

GENERAL

Project Number: A204102
Council District: Various
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Ongoing.

PROJECT DESCRIPTION:

This project is to provide for authority to accept FEMA (Federal Emergency Management Association) funds through various grants that provide financial assistance to states and local governments. These programs are intended to reduce property damage/loss (payouts from the NFIP) and loss of life. At this time, these programs include the Hazard Mitigation Grant Program (HMPG), the Flood Mitigation Assistance Grant Program (FMA), and the Pre-Disaster Mitigation Grant Program (PDM). On a competitive basis, local governments apply to these grant programs for financial resources to offer to citizens that are suffering from repetitive flooding. The most common form of action taken under these grant programs is acquisition/demolition.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition	500,000		500,000						500,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	500,000	0	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R3199 Federal Other	500,000		500,000						500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	500,000	0	500,000	0	0	0	0	0	500,000



Humane Society

GENERAL

Project Number: A114102
Council District: Various
Location: Various
Est. Debt Service: \$126,000 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:
 \$6,155,403

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

This project provided funding for a new facility for the Humane Society of Harford County. This facility allows the Humane Society to care for and provide humane temporary housing prior to adoption. The structure continues to avail participation in the Animal Control Program and better promote awareness of animal care in the community.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	7,050,000	0	7,050,000	0	0	0	0	0	7,050,000



Lease/SBITA Assets

GENERAL

Project Number: A214102
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Multiple general fund leases ending at different time periods.

PROJECT DESCRIPTION:

Under the new Governmental Accounting Standard Board (GASB) 87: Leases, these funds will be used to purchase lease assets through lease financing agreements.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	11,500,000		11,500,000						11,500,000
Total Cost:	11,500,000	0	11,500,000	0	0	0	0	0	11,500,000

FUNDING SCHEDULE

R7150 Lease Finance	7,500,000		7,500,000						7,500,000
R7151 SBITA Finance	4,000,000		4,000,000						4,000,000
			0						0
			0						0
			0						0
Total Cost:	11,500,000	0	11,500,000	0	0	0	0	0	11,500,000



Maintenance/Repair of Stormwater Facilities

GENERAL

Project Number: M224103
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program when remaining funds are expended.

PROJECT DESCRIPTION:

This project will provide the funding for triennial maintenance inspections of stormwater management facilities mandated by the Maryland Department of the Environment and for the repairs and maintenance of 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 cost of repairs would be assessed against the owner(s).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	872,850		872,850						872,850
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	872,850	0	872,850	0	0	0	0	0	872,850

FUNDING SCHEDULE

R6330 Developer	317,400		317,400						317,400
R1602 Special Assessment	555,450		555,450						555,450
			0						0
			0						0
			0						0
Total Cost:	872,850	0	872,850	0	0	0	0	0	872,850



MD 924 Small Area Corridor Plan

GENERAL

Project Number: A144129
Council District: Various
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$214,873



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This is a small area neighborhood plan focused upon the land use, transportation, connectivity and quality of life along the MD 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 & 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 areas of improved vehicular and pedestrian mobility throughout the corridor.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	300,000	0	300,000	0	0	0	0	0	300,000



Reforestation and Buffer Mitigation - Critical Area

GENERAL

Project Number: A094105
Council District: Various
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$63,879



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	100,000	0	100,000	0	0	0	0	0	100,000



Reforestation and Landscaping

GENERAL

Project Number: A024132
Council District: Various
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
\$378,017



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	680,000		680,000						680,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	680,000	0	680,000	0	0	0	0	0	680,000

FUNDING SCHEDULE

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



Underground and Aboveground Storage Tank Management

GENERAL

Project Number: A144104
Council District: Multiple
Location: Various
Est. Debt Service: \$15,519 (annual)

Expended/Encumbered as of 1/9/23:

\$718,211



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Upkeep on vendor root fuel tank monitoring system located at all fuel sites in the County. Add info software at remaining fuel sites. DEF tanks installed to provide DEF fluid to Harford County vehicles. Refresh countywide fueling systems and components.

PROJECT DESCRIPTION:

The purpose of this capital project is for the inspection, design and construction to replace, repair and retrofit the various 130 aboveground and the 16 underground storage tanks maintained by Harford County for improved safety and reliability.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	85,000		85,000						85,000
Land Acquisition			0						0
Construction	939,500		939,500						939,500
Inspection Fees	158,500		158,500						158,500
Equipment/Furnishing	161,000		161,000						161,000
Total Cost:	1,344,000	0	1,344,000	0	0	0	0	0	1,344,000

FUNDING SCHEDULE

R8750 Paygo	605,000		605,000						605,000
R7100 Prior Bonds	739,000		739,000						739,000
			0						0
			0						0
			0						0
Total Cost:	1,344,000	0	1,344,000	0	0	0	0	0	1,344,000

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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WATERSHED MANAGEMENT

FY 24 Projects

Bynum Run Watershed Rest.	7,250,000	1,300,000	950,000	1,300,000	800,000	1,300,000	800,000	800,000
County Watershed Rest/Improve.	32,300,000	3,700,000	6,600,000	4,200,000	4,300,000	4,400,000	4,500,000	4,600,000
Joppatowne Watershed Rest.	3,800,000	0	300,000	400,000	900,000	400,000	900,000	900,000
Middle Bynum Run Watershed	1,000,000	1,650,000	(650,000)	0	0	0	0	0
Riverside Area Watershed	5,300,000	1,700,000	600,000	900,000	400,000	900,000	400,000	400,000
Septic System Disconnection 17	582,000	650,000	(68,000)	0	0	0	0	0
Septic System Disconnection 23	1,818,000	250,000	318,000	250,000	250,000	250,000	250,000	250,000
Stormwater Pollution Prevention	3,300,000	300,000	500,000	500,000	500,000	500,000	500,000	500,000
Sunnyview Stream Restoration	5,492,220	5,192,220	300,000	0	0	0	0	0
Watershed Restoration Improve.	13,813,555	2,313,555	2,500,000	2,100,000	1,600,000	2,100,000	1,600,000	1,600,000
Watershed Restoration Maint.	4,550,000	300,000	500,000	550,000	650,000	750,000	850,000	950,000

Outyear Projects

Plumtree Run Watershed Rest.	3,500,000	0	0	400,000	900,000	400,000	900,000	900,000
Sams Branch Watershed Rest.	3,500,000	0	0	400,000	900,000	400,000	900,000	900,000
Watershed Restoration Assess.	6,200,000	1,200,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Open Projects

County Watershed Rest. 16	19,175,000	19,175,000	0	0	0	0	0	0
Joppatowne Watershed Rest. 12	5,950,000	5,950,000	0	0	0	0	0	0
Plumtree Run Watershed Rest. 12	8,643,452	8,643,452	0	0	0	0	0	0
Riverside Area Watershed 15	4,560,886	4,560,886	0	0	0	0	0	0
Sams Branch Watershed Rest. 12	4,172,922	4,172,922	0	0	0	0	0	0
Stormwater Pollution Prevent. 12	1,581,395	1,581,395	0	0	0	0	0	0
Upper Bynum Run Watershed	4,000,000	4,000,000	0	0	0	0	0	0
Watershed Restoration Assess. 16	9,800,000	9,800,000	0	0	0	0	0	0
Watershed Rest. Improve 16	6,900,000	6,900,000	0	0	0	0	0	0
Watershed Rest. Maintenance 16	860,000	860,000	0	0	0	0	0	0
Wheel Creek Watershed Rest.	7,789,607	7,789,607	0	0	0	0	0	0

WATERSHED MGMNT BY PROJECT	165,839,037	91,989,037	11,850,000	12,000,000	12,200,000	12,400,000	12,600,000	12,800,000
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WATERSHED MANAGEMENT

Paygo	16,262,998	7,512,998	1,250,000	1,300,000	1,400,000	1,500,000	1,600,000	1,700,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	53,100,000	0	8,600,000	8,700,000	8,800,000	8,900,000	9,000,000	9,100,000
Prior Bonds	51,161,039	51,161,039	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	140,000	140,000	0	0	0	0	0	0
State	42,382,016	30,382,016	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Federal	2,667,984	2,667,984	0	0	0	0	0	0
Developer/Other	125,000	125,000	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

WATERSHED MGMNT BY FUND	165,839,037	91,989,037	11,850,000	12,000,000	12,200,000	12,400,000	12,600,000	12,800,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
WATERSHED MANAGEMENT												
Bynum Run Watershed Restoration	950,000	0	0	650,000	300,000	0	0	0	0	0	0	0
County Watershed Restoration Imp.	6,600,000	0	0	0	5,100,000	0	0	0	0	1,500,000	0	0
Joppatowne Area Watershed Rest.	300,000	0	0	0	300,000	0	0	0	0	0	0	0
Middle Bynum Run Watershed Rest.	(650,000)	0	0	(650,000)	0	0	0	0	0	0	0	0
Riverside Area Watershed Rest.	600,000	0	0	0	600,000	0	0	0	0	0	0	0
Septic System Disconnection (23)*	318,000	68,000	250,000	0	0	0	0	0	0	0	0	0
Septic System Disconnection (17)*	(68,000)	(68,000)	0	0	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention*	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Sunnyview Stream Restoration	300,000	0	0	0	300,000	0	0	0	0	0	0	0
Watershed Restoration Improve.	2,500,000	0	0	0	2,000,000	0	0	0	0	500,000	0	0
Watershed Restoration Maintenance*	500,000	0	500,000	0	0	0	0	0	0	0	0	0
<i>*Special Dedicated Paygo</i>												
SUB-TOTAL WATERSHED MGMNT	11,850,000	0	1,250,000	0	8,600,000	0	0	0	0	2,000,000	0	0



Bynum Run Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M234108
Council District: Multiple
Location: Various
Est. Debt Service: \$36,750 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$37,788



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

The Bynum Run Watershed (15,000 acres) begins in Forest Hill near the intersection of Jarrettsville Road and MD Route 24 and drains into the Bush River near Rt. 543 and Rt. 40. Assessments of the watershed were completed (Upper Bynum 2017) and (Middle-Lower Bynum 2019) and prioritized recommendations for restoration projects, including stream restorations and stormwater management retrofits that provide the most cost effective improvements to water quality. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

Prior bonds from M204104 Middle Bynum Run Watershed Restoration Improvements

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	230,000	250,000	480,000	200,000	200,000	200,000	200,000	200,000	1,480,000
Land Acquisition			0						0
Construction	980,000	665,000	1,645,000						1,645,000
Inspection Fees	90,000	35,000	125,000						125,000
Equipment/Furnishing			0						0
Total Cost:	1,300,000	950,000	2,250,000	200,000	200,000	200,000	200,000	200,000	3,250,000

FUNDING SCHEDULE

R7100 Prior Bonds	800,000	650,000	1,450,000						1,450,000
R3320 State DNR/SWM	500,000		500,000	500,000		500,000			1,500,000
R7000 Future Bonds		300,000	300,000	800,000	800,000	800,000	800,000	800,000	4,300,000
			0						0
			0						0
Total Cost:	1,300,000	950,000	2,250,000	1,300,000	800,000	1,300,000	800,000	800,000	7,250,000



County Owned Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M234109
Council District: Multiple
Location: Various
Est. Debt Service: \$174,300 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$2,287,050

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	650,000	1,320,000	1,970,000	840,000	860,000	880,000	900,000	920,000	6,370,000
Land Acquisition			0						0
Construction	2,800,000	4,950,000	7,750,000	3,150,000	3,225,000	3,300,000	3,375,000	3,450,000	24,250,000
Inspection Fees	250,000	330,000	580,000	210,000	215,000	220,000	225,000	230,000	1,680,000
Equipment/Furnishing			0						0
Total Cost:	3,700,000	6,600,000	10,300,000	4,200,000	4,300,000	4,400,000	4,500,000	4,600,000	32,300,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,200,000		3,200,000						3,200,000
R3320 State DNR/SWM	500,000	1,500,000	2,000,000	500,000	500,000	500,000	500,000	500,000	4,500,000
R7000 Future Bonds		5,100,000	5,100,000	3,700,000	3,800,000	3,900,000	4,000,000	4,100,000	24,600,000
			0						0
			0						0
Total Cost:	3,700,000	6,600,000	10,300,000	4,200,000	4,300,000	4,400,000	4,500,000	4,600,000	32,300,000



Joppatowne Area Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M244105
Council District: A
Location: Joppatowne
Est. Debt Service: \$6,300 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		300,000	300,000	400,000		400,000			1,100,000
Land Acquisition			0						0
Construction			0		855,000		855,000	855,000	2,565,000
Inspection Fees			0		45,000		45,000	45,000	135,000
Equipment/Furnishing			0						0
Total Cost:	0	300,000	300,000	400,000	900,000	400,000	900,000	900,000	3,800,000

FUNDING SCHEDULE

R7000 Future Bonds		300,000	300,000	400,000	400,000	400,000	400,000	400,000	2,300,000
R3320 State DNR/SWM			0		500,000		500,000	500,000	1,500,000
			0						0
			0						0
			0						0
Total Cost:	0	300,000	300,000	400,000	900,000	400,000	900,000	900,000	3,800,000



Middle Bynum Run Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M204104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Project following completion of the audit in July, 2022.

PROJECT DESCRIPTION:

The Middle Bynum Run Watershed (5,500 acres) is located between MD Route 22 and the confluence with Little Bynum Run. Assessments of the watershed will provide prioritized recommendations for restoration projects, including stream restorations and stormwater management retrofits that provide the most cost effective improvements to water quality. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

Close and move prior bonds to M234108 Bynum Run Watershed Restoration Improvements

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	775,000	(650,000)	125,000						125,000
Land Acquisition			0						0
Construction	687,500		687,500						687,500
Inspection Fees	187,500		187,500						187,500
Equipment/Furnishing			0						0
Total Cost:	1,650,000	(650,000)	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R3320 State DNR/SWM	1,000,000		1,000,000						1,000,000
R7100 Prior Bonds	650,000	(650,000)	0						0
			0						0
			0						0
			0						0
Total Cost:	1,650,000	(650,000)	1,000,000	0	0	0	0	0	1,000,000



Riverside Area Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M234110
Council District: F
Location: Riverside
Est. Debt Service: \$37,800 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: 0

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

The Declaration Run and adjacent Riverside watersheds are located in Riverside. The headwaters of Declaration Run begin at the intersection of MD Rt. 7 and MD Rt. 543 and discharge near the confluence of Bynum Run with Bush River. The Riverside watershed discharges directly to Bush Creek and includes the Riverside community. This project will fund the restoration projects prioritized through the watershed assessments (2014) that are the most cost effective project to improve water quality. Water quality 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	620,000	200,000	820,000		400,000				1,220,000
Land Acquisition			0						0
Construction	1,000,000	380,000	1,380,000	855,000		855,000	380,000	380,000	3,850,000
Inspection Fees	80,000	20,000	100,000	45,000		45,000	20,000	20,000	230,000
Equipment/Furnishing			0						0
Total Cost:	1,700,000	600,000	2,300,000	900,000	400,000	900,000	400,000	400,000	5,300,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R3320 State DNR/SWM	500,000		500,000	500,000		500,000			1,500,000
R7000 Future Bonds		600,000	600,000	400,000	400,000	400,000	400,000	400,000	2,600,000
			0						0
			0						0
Total Cost:	1,700,000	600,000	2,300,000	900,000	400,000	900,000	400,000	400,000	5,300,000



Septic System Disconnection 17

WATERSHED MANAGEMENT

Project Number: M174112
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$563,898



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2022.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	650,000	(68,000)	582,000						582,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	650,000	(68,000)	582,000	0	0	0	0	0	582,000

FUNDING SCHEDULE

R8750 Dedicated Paygo	650,000		650,000						650,000
R8751 Prior Paygo		(68,000)	(68,000)						(68,000)
			0						0
			0						0
			0						0
Total Cost:	650,000	(68,000)	582,000	0	0	0	0	0	582,000



Septic System Disconnection 23

WATERSHED MANAGEMENT

Project Number: M234111
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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

Reappropriated paygo from M174112 Septic System Disconnection

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000	318,000	568,000	250,000	250,000	250,000	250,000	250,000	1,818,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	318,000	568,000	250,000	250,000	250,000	250,000	250,000	1,818,000

FUNDING SCHEDULE

R8750 Dedicated Paygo	250,000	250,000	500,000	250,000	250,000	250,000	250,000	250,000	1,750,000
R8751 Prior Paygo		68,000	68,000						68,000
			0						0
			0						0
			0						0
Total Cost:	250,000	318,000	568,000	250,000	250,000	250,000	250,000	250,000	1,818,000



Stormwater Pollution Prevention

WATERSHED MANAGEMENT

Project Number: M234112
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$144,343



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	225,000	350,000	575,000	350,000	350,000	350,000	350,000	350,000	2,325,000
Land Acquisition			0						0
Construction	75,000	150,000	225,000	150,000	150,000	150,000	150,000	150,000	975,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	300,000	500,000	800,000	500,000	500,000	500,000	500,000	500,000	3,300,000

FUNDING SCHEDULE

R8750 Dedicated Paygo	300,000	500,000	800,000	500,000	500,000	500,000	500,000	500,000	3,300,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	300,000	500,000	800,000	500,000	500,000	500,000	500,000	500,000	3,300,000



Sunnyview Stream Restoration

WATERSHED MANAGEMENT

Project Number: M084107
Council District: C
Location: Bel Air
Est. Debt Service: \$62,182 (annual)

Expended/Encumbered as of 1/9/23:

\$542,472



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is 95% complete.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	810,000		810,000						810,000
Land Acquisition	845,000		845,000						845,000
Construction	2,937,220	300,000	3,237,220						3,237,220
Inspection Fees	600,000		600,000						600,000
Equipment/Furnishing			0						0
Total Cost:	5,192,220	300,000	5,492,220	0	0	0	0	0	5,492,220

FUNDING SCHEDULE

R7100 Prior Bonds	2,661,039		2,661,039						2,661,039
R3320 State DNR/SWM	2,225,000		2,225,000						2,225,000
R8750 Paygo	306,181		306,181						306,181
R7000 Future Bonds		300,000	300,000						300,000
			0						0
Total Cost:	5,192,220	300,000	5,492,220	0	0	0	0	0	5,492,220



Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M234114
Council District: Multiple
Location: Various
Est. Debt Service: \$78,750 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$27,310



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	463,555	500,000	963,555	420,000	320,000	420,000	320,000	320,000	2,763,555
Land Acquisition			0						0
Construction	1,700,000	1,875,000	3,575,000	1,575,000	1,200,000	1,575,000	1,200,000	1,200,000	10,325,000
Inspection Fees	150,000	125,000	275,000	105,000	80,000	105,000	80,000	80,000	725,000
Equipment/Furnishing			0						0
Total Cost:	2,313,555	2,500,000	4,813,555	2,100,000	1,600,000	2,100,000	1,600,000	1,600,000	13,813,555

FUNDING SCHEDULE

R7100 Prior Bonds	1,750,000		1,750,000						1,750,000
R3320 State DNR/SWM	500,000	500,000	1,000,000	500,000		500,000			2,000,000
R8750 Paygo	63,555		63,555						63,555
R7000 Future Bonds		2,000,000	2,000,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	10,000,000
			0						0
Total Cost:	2,313,555	2,500,000	4,813,555	2,100,000	1,600,000	2,100,000	1,600,000	1,600,000	13,813,555



Watershed Restoration Maintenance

WATERSHED MANAGEMENT

Project Number: M234115
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$161,504



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	8,000	100,000	108,000	110,000	130,000	150,000	170,000	190,000	858,000
Land Acquisition			0						0
Construction	280,000	375,000	655,000	412,500	487,500	562,500	637,500	712,500	3,467,500
Inspection Fees	12,000	25,000	37,000	27,500	32,500	37,500	42,500	47,500	224,500
Equipment/Furnishing			0						0
Total Cost:	300,000	500,000	800,000	550,000	650,000	750,000	850,000	950,000	4,550,000

FUNDING SCHEDULE

R8750 Dedicated Paygo	300,000	500,000	800,000	550,000	650,000	750,000	850,000	950,000	4,550,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	300,000	500,000	800,000	550,000	650,000	750,000	850,000	950,000	4,550,000

OUTYEAR PROJECTS

FY 25 - FY 29



Plumtree Run Watershed Restoration

WATERSHED MANAGEMENT

Project Number: New
Council District: C
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0	400,000		400,000			800,000
Land Acquisition			0						0
Construction			0		855,000		855,000	855,000	2,565,000
Inspection Fees			0		45,000		45,000	45,000	135,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	400,000	900,000	400,000	900,000	900,000	3,500,000

FUNDING SCHEDULE

R7000 Future Bonds			0	400,000	400,000	400,000	400,000	400,000	2,000,000
R3320 State DNR/SWM			0		500,000		500,000	500,000	1,500,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	400,000	900,000	400,000	900,000	900,000	3,500,000



Sams Branch Watershed Restoration

WATERSHED MANAGEMENT

Project Number: New
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: 0

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0	400,000		400,000			800,000
Land Acquisition			0						0
Construction			0		855,000		855,000	855,000	2,565,000
Inspection Fees			0		45,000		45,000	45,000	135,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	400,000	900,000	400,000	900,000	900,000	3,500,000

FUNDING SCHEDULE

R7000 Future Bonds			0	400,000	400,000	400,000	400,000	400,000	2,000,000
R3320 State DNR/SWM			0		500,000		500,000	500,000	1,500,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	400,000	900,000	400,000	900,000	900,000	3,500,000



Watershed Restoration Assessment

WATERSHED MANAGEMENT

Project Number: M234113
Council District: Multiple
Location: Various
Est. Debt Service: \$25,200 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,200,000	0	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,200,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,200,000	0	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,200,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R7000 Future Bonds		0	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
			0						0
			0						0
			0						0
Total Cost:	1,200,000	0	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,200,000

OPEN / ACTIVE PROJECTS



County Owned Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M164105
Council District: Multiple
Location: Various
Est. Debt Service: \$262,500 (annual)

Expended/Encumbered as of 1/9/23:

\$9,970,642



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	4,810,000		4,810,000						4,810,000
Land Acquisition			0						0
Construction	11,670,000		11,670,000						11,670,000
Inspection Fees	2,695,000		2,695,000						2,695,000
Equipment/Furnishing			0						0
Total Cost:	19,175,000	0	19,175,000	0	0	0	0	0	19,175,000

FUNDING SCHEDULE

R7100 Prior Bonds	12,500,000		12,500,000						12,500,000
R3320 State DNR/SWM	6,375,000		6,375,000						6,375,000
R3199 Federal Other	300,000		300,000						300,000
			0						0
			0						0
Total Cost:	19,175,000	0	19,175,000	0	0	0	0	0	19,175,000



Joppatowne Area Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M124104
Council District: A
Location: Joppatowne
Est. Debt Service: \$61,950 (annual)

Expended/Encumbered as of 1/9/23:

\$2,705,375



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	2,140,000		2,140,000						2,140,000
Land Acquisition			0						0
Construction	3,375,000		3,375,000						3,375,000
Inspection Fees	435,000		435,000						435,000
Equipment/Furnishing			0						0
Total Cost:	5,950,000	0	5,950,000	0	0	0	0	0	5,950,000

FUNDING SCHEDULE

R8750 Paygo	525,000		525,000						525,000
R7100 Prior Bonds	2,950,000		2,950,000						2,950,000
R3320 State DNR/SWM	2,300,000		2,300,000						2,300,000
R3199 Federal Other	175,000		175,000						175,000
			0						0
Total Cost:	5,950,000	0	5,950,000	0	0	0	0	0	5,950,000



Plumtree Run Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M124105
Council District: C
Location: Bel Air
Est. Debt Service: \$108,150 (annual)

Expended/Encumbered as of 1/9/23:

\$5,453,862



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,563,452		1,563,452						1,563,452
Land Acquisition			0						0
Construction	5,945,000		5,945,000						5,945,000
Inspection Fees	1,135,000		1,135,000						1,135,000
Equipment/Furnishing			0						0
Total Cost:	8,643,452	0	8,643,452	0	0	0	0	0	8,643,452

FUNDING SCHEDULE

R8750 Paygo	418,452		418,452						418,452
R3320 State DNR/SWM	2,550,000		2,550,000						2,550,000
R3199 Federal Other	525,000		525,000						525,000
R7100 Prior Bonds	5,150,000		5,150,000						5,150,000
			0						0
Total Cost:	8,643,452	0	8,643,452	0	0	0	0	0	8,643,452



Riverside Area Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M154103
Council District: F
Location: Riverside
Est. Debt Service: \$46,620 (annual)

Expended/Encumbered as of 1/9/23:

\$359,482



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: 0

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

The Declaration Run and adjacent Riverside watersheds are located in Riverside. The headwaters of Declaration Run begin at the intersection of MD Rt. 7 and MD Rt. 543 and discharge near the confluence of Bynum Run with Bush River. The Riverside watershed discharges directly to Bush Creek and includes the Riverside community. This project will fund the restoration projects prioritized through the watershed assessments (2014) that are the most cost effective project to improve water quality. Water quality 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,110,886		1,110,886						1,110,886
Land Acquisition			0						0
Construction	3,000,000		3,000,000						3,000,000
Inspection Fees	450,000		450,000						450,000
Equipment/Furnishing			0						0
Total Cost:	4,560,886	0	4,560,886	0	0	0	0	0	4,560,886

FUNDING SCHEDULE

R3320 State DNR/SWM	2,050,000		2,050,000						2,050,000
R3199 Federal Other	75,000		75,000						75,000
R7100 Prior Bonds	2,220,000		2,220,000						2,220,000
R8750 Paygo	215,886		215,886						215,886
			0						0
Total Cost:	4,560,886	0	4,560,886	0	0	0	0	0	4,560,886



Sams Branch Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M124106
Council District: A
Location: Edgewood
Est. Debt Service: \$24,570 (annual)

Expended/Encumbered as of 1/9/23:

\$1,709,434



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: 0

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,522,922		1,522,922						1,522,922
Land Acquisition			0						0
Construction	2,325,000		2,325,000						2,325,000
Inspection Fees	325,000		325,000						325,000
Equipment/Furnishing			0						0
Total Cost:	4,172,922	0	4,172,922	0	0	0	0	0	4,172,922

FUNDING SCHEDULE

R8750 Paygo	402,922		402,922						402,922
R7100 Prior Bonds	1,170,000		1,170,000						1,170,000
R3320 State DNR/SWM	2,450,000		2,450,000						2,450,000
R3199 Federal Other	150,000		150,000						150,000
			0						0
Total Cost:	4,172,922	0	4,172,922	0	0	0	0	0	4,172,922



Stormwater Pollution Prevention

WATERSHED MANAGEMENT

Project Number: M124107
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$1,407,813



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,426,395		1,426,395						1,426,395
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:	1,581,395	0	1,581,395	0	0	0	0	0	1,581,395

FUNDING SCHEDULE

R8750 Dedicated Paygo	1,391,395		1,391,395						1,391,395
R1515 Recordation Tax	140,000		140,000						140,000
R3320 State DNR/SWM	50,000		50,000						50,000
			0						0
			0						0
Total Cost:	1,581,395	0	1,581,395	0	0	0	0	0	1,581,395



Upper Bynum Run Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M184105
Council District: Multiple
Location: Various
Est. Debt Service: \$46,200 (annual)

Expended/Encumbered as of 1/9/23:

\$284,167



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

The Bynum Run Watershed (15,000 acres) begins in Forest Hill near the intersection of Jarrettsville Road and MD Route 24 and drains into the Bush River near Rt. 543 and Rt. 40. Assessments of the watershed were completed (Upper Bynum 2017) and (Middle-Lower Bynum 2019) and prioritized recommendations for restoration projects, including stream restorations and stormwater management retrofits that provide the most cost effective improvements to water quality. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,350,000		1,350,000						1,350,000
Land Acquisition			0						0
Construction	2,050,000		2,050,000						2,050,000
Inspection Fees	600,000		600,000						600,000
Equipment/Furnishing			0						0
Total Cost:	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,200,000		2,200,000						2,200,000
R3320 State DNR/SWM	1,800,000		1,800,000						1,800,000
			0						0
			0						0
			0						0
Total Cost:	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000



Watershed Restoration Assessment

WATERSHED MANAGEMENT

Project Number: M164106
Council District: Multiple
Location: Various
Est. Debt Service: \$145,950 (annual)

Expended/Encumbered as of 1/9/23:
 \$5,018,079



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	8,400,000		8,400,000						8,400,000
Land Acquisition			0						0
Construction	1,200,000		1,200,000						1,200,000
Inspection Fees	200,000		200,000						200,000
Equipment/Furnishing			0						0
Total Cost:	9,800,000	0	9,800,000	0	0	0	0	0	9,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	6,950,000		6,950,000						6,950,000
R3320 State DNR/SWM	2,225,000		2,225,000						2,225,000
R3199 Federal Other	625,000		625,000						625,000
			0						0
			0						0
Total Cost:	9,800,000	0	9,800,000	0	0	0	0	0	9,800,000



Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M164107
Council District: Multiple
Location: Various
Est. Debt Service: \$87,150 (annual)

Expended/Encumbered as of 1/9/23:

\$3,594,029



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,510,000		1,510,000						1,510,000
Land Acquisition	4,565,000		4,565,000						4,565,000
Construction	825,000		825,000						825,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	6,900,000	0	6,900,000	0	0	0	0	0	6,900,000

FUNDING SCHEDULE

R7100 Prior Bonds	4,150,000		4,150,000						4,150,000
R3320 State DNR/SWM	2,475,000		2,475,000						2,475,000
R3199 Federal Other	275,000		275,000						275,000
			0						0
			0						0
Total Cost:	6,900,000	0	6,900,000	0	0	0	0	0	6,900,000



Watershed Restoration Maintenance

WATERSHED MANAGEMENT

Project Number: M164108
Council District: Multiple
Location: Various
Est. Debt Service: \$3,360 (annual)

Expended/Encumbered as of 1/9/23:

\$799,162



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	860,000		860,000						860,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	860,000	0	860,000	0	0	0	0	0	860,000

FUNDING SCHEDULE

R8750 Dedicated Paygo	700,000		700,000						700,000
R7100 Prior Bonds	160,000		160,000						160,000
			0						0
			0						0
			0						0
Total Cost:	860,000	0	860,000	0	0	0	0	0	860,000



Wheel Creek Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M104102
Council District: B
Location: Bel Air
Est. Debt Service: \$47,250 (annual)

Expended/Encumbered as of 1/9/23:

\$6,853,442



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

All construction projects have been completed that were recommended in the Wheel Creek Watershed Assessment. Funding to complete monitoring required by existing MS4 permit anticipated to be reissued during FY 2023.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	2,859,607		2,859,607						2,859,607
Land Acquisition			0						0
Construction	4,015,000		4,015,000						4,015,000
Inspection Fees	735,000		735,000						735,000
Equipment/Furnishing	180,000		180,000						180,000
Total Cost:	7,789,607	0	7,789,607	0	0	0	0	0	7,789,607

FUNDING SCHEDULE

R8750 Paygo	1,989,607		1,989,607						1,989,607
R7100 Prior Bonds	2,250,000		2,250,000						2,250,000
R3320 State DNR/SWM	2,882,016		2,882,016						2,882,016
R3199 Federal Other	542,984		542,984						542,984
R6340 Corp/Bus	59,600		59,600						59,600
R6999 Other	65,400		65,400						65,400
Total Cost:	7,789,607	0	7,789,607	0	0	0	0	0	7,789,607

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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PUBLIC SAFETY

FY 24 Projects

Ambulance Acquisition/Replace.	1,000,000	0	1,000,000	0	0	0	0	0
Emergency Operations Ctr Phase II	5,000,000	0	5,000,000	0	0	0	0	0
HCDC Facility Repairs/Upgrades	3,640,000	2,040,000	1,600,000	0	0	0	0	0
HCSO Body Worn Camera Prog.	3,375,000	1,005,000	790,000	790,000	790,000	0	0	0
HCSO In-Car Camera System	3,075,000	400,000	535,000	535,000	535,000	535,000	535,000	0
HCSO Mobile Data Terminal Rep.	2,098,900	551,400	535,000	202,500	202,500	202,500	202,500	202,500
Mobile/Portable Radio System	8,965,000	8,365,000	100,000	100,000	100,000	100,000	100,000	100,000
Next-Gen 911	25,235,000	11,735,000	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Public Safety Comm in Schools	1,050,000	750,000	100,000	0	100,000	0	100,000	0
Susquehanna Hose Co. House 1	3,500,000	2,500,000	500,000	500,000	0	0	0	0
VFC Facility Repair	6,210,000	5,960,000	250,000	0	0	0	0	0
VFC Public Safety Equipment	7,725,000	4,125,000	600,000	600,000	600,000	600,000	600,000	600,000

Outyear Projects

Riverside Fire and EMS Station	13,000,000	7,000,000	0	6,000,000	0	0	0	0
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Open Projects

Darlington VFC House #1	1,000,000	1,000,000	0	0	0	0	0	0
Emergency Ops Ctr Complex	37,494,525	37,494,525	0	0	0	0	0	0
HCSO Cell Site Simulator	600,000	600,000						
HCSO Computer Equipment	3,480,415	3,480,415	0	0	0	0	0	0
HCSO Crisis Negot/Cell Site Sim	600,000	600,000	0	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	6,000,000	0	0	0	0	0	0
Multi-Agency Mobile Command	1,800,000	1,800,000	0	0	0	0	0	0
North Harford Station	4,700,000	4,700,000	0	0	0	0	0	0
Whiteford VFC - Main Station Ren.	1,200,000	1,200,000	0	0	0	0	0	0

PUBLIC SAFETY BY PROJECT	140,748,840	101,306,340	14,510,000	10,727,500	4,327,500	3,437,500	3,537,500	2,902,500
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Paygo	35,388,823	22,646,323	4,310,000	2,627,500	2,227,500	1,337,500	1,437,500	802,500
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	3,362,500	3,362,500	0	0	0	0	0	0
Future Bonds	13,200,000	0	6,700,000	6,100,000	100,000	100,000	100,000	100,000
Prior Bonds	56,416,500	56,416,500	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	25,598,000	12,098,000	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Federal	6,002,000	6,002,000	0	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0
Lease Purchase	481,017	481,017	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

PUBLIC SAFETY BY FUND	140,748,840	101,306,340	14,510,000	10,727,500	4,327,500	3,437,500	3,537,500	2,902,500
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
PUBLIC SAFETY												
Ambulance Acquisition/Replacement	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0
Emergency Ops Ctr Complex Phase II	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0	0
HCDC Facility Repairs/Upgrades	1,600,000	0	0	0	1,600,000	0	0	0	0	0	0	0
HCSO Body Worn Camera Program	790,000	0	790,000	0	0	0	0	0	0	0	0	0
HCSO In-Car Camera Systems	535,000	0	535,000	0	0	0	0	0	0	0	0	0
HCSO Mobile Data Terminal Replace.	535,000	0	535,000	0	0	0	0	0	0	0	0	0
Mobile/Portable Radio System	100,000	0	0	0	100,000	0	0	0	0	0	0	0
Next-Gen 911	3,500,000	0	0	0	0	0	0	0	0	3,500,000	0	0
Public Safety Comm in School Bldgs.	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Susquehanna Hose Company House 1	500,000	0	500,000	0	0	0	0	0	0	0	0	0
VFC Facility Repair	250,000	0	250,000	0	0	0	0	0	0	0	0	0
VFC Public Safety Equipment	600,000	0	600,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	14,510,000	0	4,310,000	0	6,700,000	0	0	0	0	3,500,000	0	0



Ambulance Acquisition/Replacement

PUBLIC SAFETY

Project Number: E244106
Council District: Various
Location: Various
Est. Debt Service: (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will provide funds to replace a minimum of two (2) ambulances every year.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		1,000,000	1,000,000						1,000,000
Total Cost:	0	1,000,000	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R7920 State Bonds			0						0
R7000 Future Bonds			0						0
R8750 Paygo		1,000,000	1,000,000						1,000,000
			0						0
			0						0
Total Cost:	0	1,000,000	1,000,000	0	0	0	0	0	1,000,000



Emergency Operations Center Complex - Phase II

PUBLIC SAFETY

Project Number: E244107
Council District: D
Location: Hickory
Est. Debt Service: \$105,000 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

FY24: complete design and begin construction of the apparatus bays.

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is for the design fees associated with DES Phase II for the Apparatus Bays, Offices/Training Building and Radio Shop. Construction will occur in multiple phases with the first phase being the apparatus bays.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		1,000,000	1,000,000						1,000,000
Land Acquisition			0						0
Construction		4,000,000	4,000,000						4,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	5,000,000	5,000,000	0	0	0	0	0	5,000,000

FUNDING SCHEDULE

R7000 Future Bonds		5,000,000	5,000,000						5,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	5,000,000	5,000,000	0	0	0	0	0	5,000,000



HCDC Facility Repairs/Upgrades

PUBLIC SAFETY

Project Number: E234117
Council District: C
Location: Bel Air
Est. Debt Service: \$76,440 (annual)

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Expended/Encumbered as of 1/9/23:

\$23,295



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 24: Building Access Controls, and exterior water infiltration issue.

PROJECT DESCRIPTION:

The Harford County Detention Center is a fully operational facility which houses inmates awaiting their criminal trials or after being convicted and serving their sentence. The Detention Center is governed by the Maryland Commission on Correctional Standards and as such is mandated to provide adequate space and equipment for the inmate population to receive routine exercise, including outdoor facilities.

This project provides funding for various repairs, upgrades and renovations needed to maintain the safety and efficiency of the facility.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000	160,000	260,000						260,000
Land Acquisition			0						0
Construction		1,440,000	1,440,000						1,440,000
Inspection Fees			0						0
Equipment/Furnishing	1,940,000		1,940,000						1,940,000
Total Cost:	2,040,000	1,600,000	3,640,000	0	0	0	0	0	3,640,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,040,000		2,040,000						2,040,000
R7000 Future Bonds		1,600,000	1,600,000						1,600,000
			0						0
			0						0
			0						0
Total Cost:	2,040,000	1,600,000	3,640,000	0	0	0	0	0	3,640,000



HCSO Body Worn Camera Program

PUBLIC SAFETY

Project Number: E224108
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,001,110



■ Expended/Enc. ■ Budget

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

Body worn cameras, which an increasing number of law enforcement agencies worldwide are adopting, represent one new form of technology that is significantly affecting the field of policing. Law enforcement agencies are using body worn cameras in various ways to improve evidence collection, strengthen officer performance and accountability, enhance agency transparency, document encounters with the public, and investigate and resolve complaints of officer involved incidents. Body worn cameras can help improve the high-quality public service expected of law enforcement and promote procedural justice. The request includes funds necessary for equipment, maintenance, storage, access, licenses and privacy controls for the program. Maryland law requires the Harford County Sheriff's Office to have body worn cameras by July 1, 2023.

This project will be ongoing as funding includes the cost of the equipment, maintenance, cloud storage, licenses, replacement equipment and other related expenses.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,005,000	790,000	1,795,000	790,000	790,000				3,375,000
Total Cost:	1,005,000	790,000	1,795,000	790,000	790,000	0	0	0	3,375,000

FUNDING SCHEDULE

R8750 Paygo	1,005,000	790,000	1,795,000	790,000	790,000				3,375,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,005,000	790,000	1,795,000	790,000	790,000	0	0	0	3,375,000



HCSO In-Car Camera Systems

PUBLIC SAFETY

Project Number: E234119
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$400,000



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

The requested funding will allow for the continued transition of approximately 216 Panasonic In-Car camera systems to Axon Fleet In-Car cameras. The agreement includes the cost of the new state of the art in-car camera systems, installation, maintenance, unlimited cloud storage, licenses, replacement cameras, and other related expenses.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	400,000	535,000	935,000	535,000	535,000	535,000	535,000		3,075,000
Total Cost:	400,000	535,000	935,000	535,000	535,000	535,000	535,000	0	3,075,000

FUNDING SCHEDULE

R8750 Paygo	400,000	535,000	935,000	535,000	535,000	535,000	535,000		3,075,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	400,000	535,000	935,000	535,000	535,000	535,000	535,000	0	3,075,000



HCSO Mobile Data Terminal Replacement

PUBLIC SAFETY

Project Number: E214103
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Expended/Encumbered as of 1/9/23:

\$551,400



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Continue replacement of Mobile Data Terminals (MDT).

PROJECT DESCRIPTION:

This funding will be used to replace 25 Mobile Data Terminals (MDT) and related hardware currently deployed in vehicles used by Sheriff's Office deputies. MDTs were first deployed by the agency in 2012 and that same equipment remains in use today. MDTs are used to, but not limited to, provide mobile communications (with dispatch, the ability to query the National Crime Information Center, other essential databased, and local messaging), field data reporting (incident, accident, and field contact), issue citations, warnings and equipment repair orders and control In-Car Video Cameras and Automated License Plate Readers. The use of MDTs for queries, dispatch, sending messages, and doing checks reduces voice traffic up to 40%, thus increasing the amount of available patrol time. This funding will continue the replacement cycle as first generation Mobile Data Terminals are nearing their end of life cycle.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	551,400	535,000	1,086,400	202,500	202,500	202,500	202,500	202,500	2,098,900
Total Cost:	551,400	535,000	1,086,400	202,500	202,500	202,500	202,500	202,500	2,098,900

FUNDING SCHEDULE

R8750 Paygo	551,400	535,000	1,086,400	202,500	202,500	202,500	202,500	202,500	2,098,900
			0						0
			0						0
			0						0
			0						0
Total Cost:	551,400	535,000	1,086,400	202,500	202,500	202,500	202,500	202,500	2,098,900



Mobile/Portable Radio System Upgrade

PUBLIC SAFETY

Project Number: E184106
Council District: Multiple
Location: Various
Est. Debt Service: \$174,615 (annual)

Expended/Encumbered as of 1/9/23:
 \$4,536,275



■ Expended/Enc.
 ■ Budget

Operating Budget Impact
Revenues:
Expenditures: X
Cost Savings:
None:

Project Schedule/Status:

FY 23/24: continue replacement of radios for public service; complete microwave upgrade/replacement
 Annually: system maintenance/equipment repairs; new/replacement radios for employees/vehicles

PROJECT DESCRIPTION:

DES has assumed the responsibility of a countywide radio system to include law enforcement, public safety, and public service. This eliminates separate radio systems and streamlines the effort, while ensuring we are compliant with federal regulations. This project provides funding to maintain and upgrade the radio system as necessary.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	8,365,000	100,000	8,465,000	100,000	100,000	100,000	100,000	100,000	8,965,000
Total Cost:	8,365,000	100,000	8,465,000	100,000	100,000	100,000	100,000	100,000	8,965,000

FUNDING SCHEDULE

R7100 Prior Bonds	8,215,000		8,215,000						8,215,000
R8750 Paygo	150,000		150,000						150,000
R7000 Future Bonds		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
			0						0
			0						0
Total Cost:	8,365,000	100,000	8,465,000	100,000	100,000	100,000	100,000	100,000	8,965,000



Next-Gen 911

PUBLIC SAFETY

Project Number: E204108
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$7,435,827



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

FY 23: 911 phone upgrade, CPE/servers
 FY 24: phone system replacement
 Annually: allowable reimbursements for 911 expenses due to State law changes

PROJECT DESCRIPTION:

This project provides funding to upgrade the outdated 911 system through Next Generation Technologies, which is the most modern 911 system design compliant with national standards. It will change our call delivery network to an IP based network, which will allow 911 callers to communicate with our dispatchers more effectively, and to share data such as videos, images, and texts. Likewise, this system will enable 911 centers to communicate better with one another. The 911 State Fee fund will provide more than half of the funding needed to complete the project. This account also provides appropriation to accept various reimbursements for allowable 911 expenses not necessarily related to Next Gen.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	11,735,000	3,500,000	15,235,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	25,235,000
Total Cost:	11,735,000	3,500,000	15,235,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	25,235,000

FUNDING SCHEDULE

R8750 Paygo	1,935,000		1,935,000						1,935,000
R3399 State Other	9,800,000	3,500,000	13,300,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	23,300,000
			0						0
			0						0
			0						0
Total Cost:	11,735,000	3,500,000	15,235,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	25,235,000



Public Safety Communication in School Buildings

PUBLIC SAFETY

Project Number: E134108
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$709,736



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

School Resource Officers (SRO's) have discovered many areas within the middle and high schools that have poor radio coverage. This project allows us to purchase and install bi-directional amplifiers (BDA's) in the schools that will greatly improve radio coverage for public safety personnel. Currently BDA's have been installed in all existing county high schools and middle schools. The bi-annual allocation of \$100,000 allows us to continue to provide them for the school system as necessary and repair the ones previously installed.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	750,000	100,000	850,000		100,000		100,000		1,050,000
Total Cost:	750,000	100,000	850,000	0	100,000	0	100,000	0	1,050,000

FUNDING SCHEDULE

R8750 Paygo	750,000	100,000	850,000		100,000		100,000		1,050,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	750,000	100,000	850,000	0	100,000	0	100,000	0	1,050,000



Susquehanna Hose Company House 1 Replacement

PUBLIC SAFETY

Project Number: E224110
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
 \$1,000,000

■ Expended/Enc.
 ■ Budget



Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

PROJECT DESCRIPTION:

This project replaces the Susquehanna Hose Company House 1 facility to meet current needs. This building was built in 1982.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,500,000	500,000	3,000,000	500,000					3,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,500,000	500,000	3,000,000	500,000	0	0	0	0	3,500,000

FUNDING SCHEDULE

R3161 ARPA	1,000,000		1,000,000						1,000,000
R8750 Paygo	1,500,000	500,000	2,000,000	500,000					2,500,000
			0						0
			0						0
			0						0
Total Cost:	2,500,000	500,000	3,000,000	500,000	0	0	0	0	3,500,000



VFC Facility Repair

PUBLIC SAFETY

Project Number: E154104
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$3,984,618



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	5,960,000	250,000	6,210,000						6,210,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,960,000	250,000	6,210,000	0	0	0	0	0	6,210,000

FUNDING SCHEDULE

R3161 ARPA	1,400,000		1,400,000						1,400,000
R8750 Paygo	4,560,000	250,000	4,810,000						4,810,000
			0						0
			0						0
			0						0
Total Cost:	5,960,000	250,000	6,210,000	0	0	0	0	0	6,210,000



VFC Public Safety Equipment

PUBLIC SAFETY

Project Number: E174103
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
 \$2,865,029



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: knox box system; emergency vehicle transmitters; 30,000 gallon cistern, fire pond- Norrisville
 FY 22-25: replace aging VFC safety equipment as needed
 FY 25: bulk purchase of SCBA equipment

PROJECT DESCRIPTION:

This project provides funding to purchase and replace aging VFC Public Safety Equipment to include, but not limit to, self-contained breathing apparatus (SCBAs); electronic monitor defibrillators; AEDs; Knox Box (secure key) system; standardized gas meters used for air sampling on fire apparatus; emergency vehicle transmitters for intersection emergency traffic control; fire ponds; cisterns; ultrasound devices, and large diameter appliances.

The project is ongoing. A spending plan has been established to make a bulk purchase every 3 years for 3 agencies for SCBAs. The agency (VFC or Hazmat) contributes 25% of the cost.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	4,125,000	600,000	4,725,000	600,000	600,000	600,000	600,000	600,000	7,725,000
Total Cost:	4,125,000	600,000	4,725,000	600,000	600,000	600,000	600,000	600,000	7,725,000

FUNDING SCHEDULE

R8750 Paygo	2,475,000	600,000	3,075,000	600,000	600,000	600,000	600,000	600,000	6,075,000
R6999 Other	250,000		250,000						250,000
R3161 ARPA	1,400,000		1,400,000						1,400,000
			0						0
			0						0
Total Cost:	4,125,000	600,000	4,725,000	600,000	600,000	600,000	600,000	600,000	7,725,000

OUTYEAR PROJECTS

FY 25 - FY 29



Riverside Fire and EMS Station

PUBLIC SAFETY

Project Number: E214106
Council District: F
Location: Belcamp
Est. Debt Service: \$147,000 (annual)

Expended/Encumbered as of 1/9/23:

\$554,073



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

FY 22: Design
 FY 23: Construction

PROJECT DESCRIPTION:

This project provides funding to construct a fire and EMS station. This station will house both volunteer and career based personnel and will place a fire station in an area that does not currently have one.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	200,000		200,000	350,000					550,000
Land Acquisition			0						0
Construction	6,500,000		6,500,000	5,650,000					12,150,000
Inspection Fees			0						0
Equipment/Furnishing	300,000		300,000						300,000
Total Cost:	7,000,000	0	7,000,000	6,000,000	0	0	0	0	13,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	7,000,000		7,000,000						7,000,000
R7000 Future Bonds			0	6,000,000					6,000,000
			0						0
			0						0
			0						0
Total Cost:	7,000,000	0	7,000,000	6,000,000	0	0	0	0	13,000,000

OPEN / ACTIVE PROJECTS



Darlington VFC House #1

PUBLIC SAFETY

Project Number: E234116
Council District: D
Location: Darlington
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This projects provides for construction of a bunk room (sleeping area) at the Darlington VFC House #1 facility for fire and EMS personnel.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,000,000		1,000,000						1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R8750 Paygo	1,000,000		1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000



Emergency Operations Center Complex - Phase II

PUBLIC SAFETY

Project Number: E244107
Council District: D
Location: Hickory
Est. Debt Service: \$105,000 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

FY24: complete design and begin construction of the apparatus bays.

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is for the design fees associated with DES Phase II for the Apparatus Bays, Offices/Training Building and Radio Shop. Construction will occur in multiple phases with the first phase being the apparatus bays.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		1,000,000	1,000,000						1,000,000
Land Acquisition			0						0
Construction		4,000,000	4,000,000						4,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	5,000,000	5,000,000	0	0	0	0	0	5,000,000

FUNDING SCHEDULE

R7000 Future Bonds		5,000,000	5,000,000						5,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	5,000,000	5,000,000	0	0	0	0	0	5,000,000



HCSO Cell Site Simulator Replacement

PUBLIC SAFETY

Project Number: E234118
Council District: Multiple
Location: Various
Est. Debt Service: (annual)

Expended/Encumbered as of 2/9/22:

\$478,131



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures: \$30,000/year
Cost Savings:
None:

Project Schedule/Status:

Commencement after receipt of funding.

PROJECT DESCRIPTION:

The requested funding will be utilized to replace the existing digital receiver technology that is outdated and ineffective. Cell site simulators are used by law enforcement agencies during a myriad of emergency incidents to include locating victims of homicides, kidnappings, robberies, critically missing children or adults, and to assist in efforts to identify illegal drug dealers. This technology can provide law enforcement with both the location and the corresponding cell phone numbers being utilized. Cell phone technology has moved from a 3G network base to a 5G network and the agency's existing digital receiver technology cannot support this migration. The funding will provide for the purchase of the most updated technology as well as the platform vehicle to house the equipment.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	600,000		600,000						600,000
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
Total Cost:	600,000	0	600,000	0	0	0	0	0	600,000



HCSO Computer Equipment/Networks

PUBLIC SAFETY

Project Number: E054106
Council District: Various
Location: Multiple
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$3,466,902



■ Expended/Enc. ■ Budget

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program after remaining funds have been expended.

PROJECT DESCRIPTION:

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 the 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. Lack of funding for multiple prior years has backed up all refresh for hardware and software.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,480,415		3,480,415						3,480,415
Total Cost:	3,480,415	0	3,480,415	0	0	0	0	0	3,480,415

FUNDING SCHEDULE

R7160 Lease Purchase	481,017		481,017						481,017
R8770 Reappropriated	362,500		362,500						362,500
R8750 Paygo	2,636,898		2,636,898						2,636,898
			0						0
			0						0
Total Cost:	3,480,415	0	3,480,415	0	0	0	0	0	3,480,415



HCSO Crisis Negotiation/Cell Site Simulator Replacement

PUBLIC SAFETY

Project Number: E234118
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

This funding is being utilized to replace the existing Crisis Negotiation Team vehicle to include updated cell site technology. The updated technology will equip the Crisis Negotiation Team with state of the art tools to successfully address and de-escalate situations. The vehicle will be customized to meet the specific storage needs of the Team as well as provide the necessary space for a mobile command center dedicated to the negotiators and mental health professionals.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	600,000		600,000						600,000
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
Total Cost:	600,000	0	600,000	0	0	0	0	0	600,000



HCSO Fleet Replacement

PUBLIC SAFETY

Project Number: E224109
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$3,908,123



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

The Sheriff's Office operates a fleet of over 400 vehicles. This funding provides for the needed replacement of approximately one-third of the HCSO fleet.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	6,000,000		6,000,000						6,000,000
Total Cost:	6,000,000	0	6,000,000	0	0	0	0	0	6,000,000

FUNDING SCHEDULE

R3199 Federal Other			0						0
R8750 Paygo	3,000,000		3,000,000						3,000,000
R8089 Reapp Paygo	1,599,151		1,599,151						1,599,151
R8095 Reapp Interest	1,063,167		1,063,167						1,063,167
R6130 Invest Income	337,682		337,682						337,682
Total Cost:	6,000,000	0	6,000,000	0	0	0	0	0	6,000,000



Multi-Agency Public Safety Mobile Command Center

PUBLIC SAFETY

Project Number: E204107
Council District: Multiple
Location: Various
Est. Debt Service: \$37,800 (annual)

Expended/Encumbered as of 1/9/23:

\$1,800,000



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Project should be completed in FY23.

PROJECT DESCRIPTION:

This project provides funds to purchase a Mobile Command Vehicle designed to respond to a situation in a moments notice. It will serve as a command post that can effectively run and manage response activities, including coordination between police and fire departments, emergency operations centers, emergency services operations and other partner agencies. It will be equipped with the latest technology critical for effectively managing an emergency/natural disaster.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,800,000		1,800,000						1,800,000
Total Cost:	1,800,000	0	1,800,000	0	0	0	0	0	1,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,800,000		1,800,000						1,800,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,800,000	0	1,800,000	0	0	0	0	0	1,800,000



North Harford Station

PUBLIC SAFETY

Project Number: E214105
Council District: D
Location: Pylesville
Est. Debt Service: \$98,700 (annual)

Expended/Encumbered as of 1/9/23:
\$4,700,000



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures: X
Cost Savings:
None:

Project Schedule/Status:

FY 23: complete construction

PROJECT DESCRIPTION:

This project provides funding to construct an EMS station in northern Harford County. This station will be staffed by county career personnel and primarily serve the rural communities in northern Harford County.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	4,300,000		4,300,000						4,300,000
Inspection Fees			0						0
Equipment/Furnishing	200,000		200,000						200,000
Total Cost:	4,700,000	0	4,700,000	0	0	0	0	0	4,700,000

FUNDING SCHEDULE

R7100 Prior Bonds	4,700,000		4,700,000						4,700,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	4,700,000	0	4,700,000	0	0	0	0	0	4,700,000



Whiteford VFC - Renovation of Main Station

PUBLIC SAFETY

Project Number: E184119
Council District: D
Location: Whiteford
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$352,257



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project is to renovate/expand the existing administrative wing, expanding the footprint of the building out from the current wall by about 25' and then adding a second story to the entire wing which will accommodate bunk room space, storage, work out room, personal lockers, training, dayroom, recreation area, improve the overall building flow and replace or upgrade existing deficient HVAC.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,200,000		1,200,000						1,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,200,000	0	1,200,000	0	0	0	0	0	1,200,000

FUNDING SCHEDULE

R8750 Paygo	1,200,000		1,200,000						1,200,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,200,000	0	1,200,000	0	0	0	0	0	1,200,000

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HARFORD COMMUNITY COLLEGE

FY 24 Projects

Chesapeake Welcome Center	59,547,794	29,404,794	16,715,000	13,428,000	0	0	0	0
<u>Open Projects</u>								
Fallston Hall Renovations	7,232,375	7,232,375	0	0	0	0	0	0

HCC BY PROJECT	66,780,169	36,637,169	16,715,000	13,428,000	0	0	0	0
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HARFORD COMMUNITY COLLEGE

Paygo	0	0	0	0	0	0	0	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	11,125,000	0	10,800,000	325,000	0	0	0	0
Prior Bonds	21,904,000	21,904,000	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	31,818,169	14,733,169	5,915,000	11,170,000	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	1,933,000	0	0	1,933,000	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

HCC BY FUND	66,780,169	36,637,169	16,715,000	13,428,000	0	0	0	0
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FY 24 APPROVED CAPITAL BUDGET												
	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HARFORD COMMUNITY COLLEGE												
Chesapeake Welcome Center	16,715,000	0	0	0	10,800,000	0	0	0	0	5,915,000	0	0
SUB-TOTAL HCC	16,715,000	0	0	0	10,800,000	0	0	0	0	5,915,000	0	0



Chesapeake Welcome Center

HARFORD COMMUNITY COLLEGE

Project Number: C204109
Council District: E
Location: Churchville
Est. Debt Service: \$614,028 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$958,782



■ Expended/Enc. ■ Budget

Project Schedule/Status:

January 2021 - June 2022: Engineering/Design

October 2022 - March 2024: Construction

August 2023 - March 2024: Equipment/Furnishing

PROJECT DESCRIPTION:

Capital renovation to the Chesapeake Center to consist of comprehensive upgrades to this facility to include multi-story additions to the building. The building will be reconfigured to serve as the College's new "Welcome Center" to the campus, providing services for new, returning students and the community at large.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	2,609,000		2,609,000						2,609,000
Land Acquisition			0						0
Construction	26,795,794	16,715,000	43,510,794	11,453,000					54,963,794
Inspection Fees			0						0
Equipment/Furnishing			0	1,975,000					1,975,000
Total Cost:	29,404,794	16,715,000	46,119,794	13,428,000	0	0	0	0	59,547,794

FUNDING SCHEDULE

R7920 State Bonds	10,965,369	5,915,000	16,880,369	11,170,000					28,050,369
R7000 Future Bonds		10,800,000	10,800,000	325,000					11,125,000
R7100 Prior Bonds	18,439,425		18,439,425						18,439,425
R6999 Other HCC			0	1,933,000					1,933,000
			0						0
Total Cost:	29,404,794	16,715,000	46,119,794	13,428,000	0	0	0	0	59,547,794

OPEN / ACTIVE PROJECTS



Fallston Hall Renovations

HARFORD COMMUNITY COLLEGE

Project Number: C184107
Council District: E
Location: Churchville
Est. Debt Service: \$72,756 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
\$2,718,947



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

Capital renovation of the 24,278 GSF classroom building. The project will include updating of the building's life safety systems. HVAC replacements to include chiller, boiler, and ATC system; upgrade of the building's elevator, lighting and plumbing systems; updating building telecommunications and classroom technology; and interior architectural changes to meet the evolving needs of the users.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	586,880		586,880						586,880
Land Acquisition			0						0
Construction	6,310,495		6,310,495						6,310,495
Inspection Fees			0						0
Equipment/Furnishing	335,000		335,000						335,000
Total Cost:	7,232,375	0	7,232,375	0	0	0	0	0	7,232,375

FUNDING SCHEDULE

R7920 State Bonds	3,767,800		3,767,800						3,767,800
R7100 Prior Bonds	3,464,575		3,464,575						3,464,575
			0						0
			0						0
			0						0
Total Cost:	7,232,375	0	7,232,375	0	0	0	0	0	7,232,375

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
LIBRARIES								
<u>FY 24 Projects</u>								
Bel Air Library Renovations	9,913,909	2,200,000	4,182,000	3,531,909	0	0	0	0
HCPL Technology	3,509,100	2,309,100	200,000	200,000	200,000	200,000	200,000	200,000
<u>Open Projects</u>								
Darlington Library	56,000	56,000	0	0	0	0	0	
Havre de Grace Expansion	9,020,000	9,020,000	0	0	0	0	0	0
LIBRARIES BY PROJECT	22,499,009	13,585,100	4,382,000	3,731,909	200,000	200,000	200,000	200,000
Paygo	3,565,100	2,365,100	200,000	200,000	200,000	200,000	200,000	200,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	575,000	0	575,000	0	0	0	0	0
Prior Bonds	7,520,000	7,520,000	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	6,007,000	2,400,000	3,607,000	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Developer/Other	4,431,909	900,000	0	3,531,909	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0
LIBRARIES BY FUND	22,499,009	13,585,100	4,382,000	3,731,909	200,000	200,000	200,000	200,000

FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
LIBRARIES												
Bel Air Library Renovations	4,182,000	0	0	0	575,000	0	0	0	0	3,607,000	0	0
HCPL Technology	200,000	0	200,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	4,382,000	0	200,000	0	575,000	0	0	0	0	3,607,000	0	0



Bel Air Library Renovations

LIBRARIES

Project Number: L234120
Council District: C
Location: Bel Air
Est. Debt Service: \$16,800 (annual)

Expended/Encumbered as of 1/9/23:

\$800,000



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Design
 FY 23: Construction

PROJECT DESCRIPTION:

The Bel Air branch was last renovated in the 1990's and opened in its current state in 1998. It is located in the County seat and is the busiest branch in the system, circulating over 700,000 items and seeing more than 180,000 visitors in FY 2022. It continues to circulate more than 25% of the entire system collection. In 2016, the Children's Department was renovated and now includes an Early Literacy Center. FY24 funds are provided to replace the roof.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	800,000		800,000						800,000
Land Acquisition			0						0
Construction	1,400,000	4,182,000	5,582,000	3,531,909					9,113,909
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,200,000	4,182,000	6,382,000	3,531,909	0	0	0	0	9,913,909

FUNDING SCHEDULE

R3399 State Other	1,400,000	3,607,000	5,007,000						5,007,000
R7100 Prior Bonds	800,000		800,000						800,000
R7000 Future Bonds		575,000	575,000						575,000
R6999 Other HCPL			0	3,531,909					3,531,909
			0						0
Total Cost:	2,200,000	4,182,000	6,382,000	3,531,909	0	0	0	0	9,913,909



HCPL Technology

LIBRARIES

Project Number: L124118
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$1,637,227



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

PROJECT DESCRIPTION:

This project provides for replacing public and staff computers for the branches and the administrative office, primarily on a four year cycle.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,309,100	200,000	2,509,100	200,000	200,000	200,000	200,000	200,000	3,509,100
Total Cost:	2,309,100	200,000	2,509,100	200,000	200,000	200,000	200,000	200,000	3,509,100

FUNDING SCHEDULE

R8750 Paygo	2,309,100	200,000	2,509,100	200,000	200,000	200,000	200,000	200,000	3,509,100
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,309,100	200,000	2,509,100	200,000	200,000	200,000	200,000	200,000	3,509,100

OPEN / ACTIVE PROJECTS



Darlington Library

LIBRARIES

Project Number: L124116
Council District: D
Location: Darlington
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$48,086



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed after remaining balance has been expended.

PROJECT DESCRIPTION:

This project will provide funds for the demolition of the existing modular Darlington Library and design for the Friends of the Darlington Library historic building.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	56,000		56,000						56,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	56,000	0	56,000	0	0	0	0	0	56,000

FUNDING SCHEDULE

R8750 Paygo	56,000		56,000						56,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	56,000	0	56,000	0	0	0	0	0	56,000



Havre de Grace Expansion

LIBRARIES

Project Number: L124117
Council District: F
Location: Havre de Grace
Est. Debt Service: \$141,120 (annual)

Expended/Encumbered as of 1/9/23:

\$8,653,113



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	535,000		535,000						535,000
Land Acquisition			0						0
Construction	5,548,631		5,548,631						5,548,631
Inspection Fees	286,369		286,369						286,369
Equipment/Furnishing	2,650,000		2,650,000						2,650,000
Total Cost:	9,020,000	0	9,020,000	0	0	0	0	0	9,020,000

FUNDING SCHEDULE

R7100 Prior Bonds	6,720,000		6,720,000						6,720,000
R3199 Federal Other	400,000		400,000						400,000
R6999 Other	300,000		300,000						300,000
R3399 State Other	1,000,000		1,000,000						1,000,000
R6320 Contrib/Don	600,000		600,000						600,000
Total Cost:	9,020,000	0	9,020,000	0	0	0	0	0	9,020,000

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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BOARD OF EDUCATION

FY 24 Projects

Aberdeen MS HVAC Renovation	34,174,375	0	17,087,000	17,087,375	0	0	0	0
Athletic & Rec Repairs & Improve	1,645,507	871,507	437,000	337,000	0	0	0	0
Blueprint Facility Program	450,000	0	450,000	0	0	0	0	0
Educational Facility Program	10,190,247	7,290,247	2,900,000	0	0	0	0	0
Fleet Replacement	13,665,159	8,965,159	4,700,000	0	0	0	0	0
George D. Lisby HVAC Systemic	9,230,437	9,250,000	(19,563)	0	0	0	0	0
Harford Academy Major Project	124,260,000	0	16,000,000	0	53,780,000	54,480,000	0	0
HCPS Facilities Repair Program	5,573,665	5,173,665	400,000	0	0	0	0	0
HCPS Local Major Capital Projects	500,000	0	500,000	0	0	0	0	0
HCPS Site Improvements	5,753,156	4,255,000	1,498,156	0	0	0	0	0
Harford Technical HS Limited Reno	61,487,225	20,000,000	20,794,000	20,693,225	0	0	0	0
Healthy School Facility Fund	3,244,000	0	3,244,000	0	0	0	0	0
Life, Health, Safety & Compliance	8,193,311	6,066,311	2,127,000	0	0	0	0	0
Major HVAC	7,265,379	5,265,379	2,000,000	0	0	0	0	0
North Bend ES Central Plant	2,000,597	2,031,000	(30,403)	0	0	0	0	0
Relocatable Classrooms	5,407,852	4,907,852	500,000	0	0	0	0	0
Roof Replacement - Bel Air MS	5,929,285	5,977,475	(48,190)	0	0	0	0	0
Roof Replacement - HdG ES	2,870,000	0	2,870,000	0	0	0	0	0
Technology Infrastructure	18,870,502	5,020,860	11,349,642	500,000	500,000	500,000	500,000	500,000

Outyear Projects

Homestead Wakefield ES	82,568,000	43,937,000	0	38,631,000	0	0	0	0
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Open Projects

Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Abingdon ES Central Plant	2,378,000	2,378,000	0	0	0	0	0	0
Bakerfield Elementary School	1,260,000	1,260,000	0	0	0	0	0	0
Ctr. for Educational Opportunity	4,625,000	4,625,000	0	0	0	0	0	0
HCPS Facilities Master Plan	1,070,000	1,070,000	0	0	0	0	0	0
HdG Middle/High School Replace.	99,268,000	99,268,000	0	0	0	0	0	0
Meadowvale Elementary School	870,000	870,000	0	0	0	0	0	0
Roof Replacement - Bakersfield ES	2,175,000	2,175,000	0	0	0	0	0	0
Roof Replacement - CEO Bldg	4,329,000	4,329,000	0	0	0	0	0	0
Roye Williams HVAC Systemic Ren.	11,720,000	11,720,000	0	0	0	0	0	0
Security Measures	2,481,600	2,481,600	0	0	0	0	0	0
Swan Creek HVAC Upgrades	3,135,000	3,135,000	0	0	0	0	0	0
Technology Education Lab Refresh	226,648	226,648						
Youth's Benefit ES Replacement	48,861,866	48,861,866	0	0	0	0	0	0

BOARD OF ED BY PROJECT	586,343,811	312,076,569	86,758,642	77,248,600	54,280,000	54,980,000	500,000	500,000
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Paygo	22,992,000	18,673,000	1,482,000	837,000	500,000	500,000	500,000	500,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	640,000	640,000	0	0	0	0	0	0
Future Bonds	132,637,475	0	42,380,000	36,127,475	26,890,000	27,240,000	0	0
Prior Bonds	190,114,132	190,114,132	0	0	0	0	0	0
Transfer Tax	1,484,535	1,484,535	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	199,399,666	82,770,541	22,215,000	40,284,125	26,890,000	27,240,000	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	39,076,003	18,394,361	20,681,642	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

BOARD OF ED BY FUND	586,343,811	312,076,569	86,758,642	77,248,600	54,280,000	54,980,000	500,000	500,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
BOARD OF EDUCATION												
Aberdeen MS HVAC Systemic Renovation	17,087,000	0	0	0	7,870,000	0	0	0	0	9,217,000	0	0
Athletic and Rec Repairs & Improvements	437,000	0	337,000	0	0	0	0	0	0	0	0	100,000
Blueprint Facility Program	450,000	0	0	0	200,000	0	0	0	0	0	0	250,000
Educational Facility Program	2,900,000	0	0	0	2,400,000	0	0	0	0	0	0	500,000
Fleet Replacement	4,700,000	0	450,000	0	0	0	0	0	0	0	0	4,250,000
George D. Lisby HVAC Systemic Reno.	(19,563)	0	0	(19,563)	0	0	0	0	0	0	0	0
Harford Academy Major Project	16,000,000	0	0	0	16,000,000	0	0	0	0	0	0	0
HCPS Facility Repair Program	400,000	0	0	0	0	0	0	0	0	0	0	400,000
HCPS Local Major Capital Projects	500,000	0	0	0	0	0	0	0	0	0	0	500,000
HCPS Site Improvements	1,498,156	0	0	98,156	0	0	0	0	0	0	0	1,400,000
Harford Technical HS Limited Renovation	20,794,000	0	0	0	11,595,000	0	0	0	0	9,199,000	0	0
Healthy School Facility Fund - local match	3,244,000	0	0	0	1,200,000	0	0	0	0	2,044,000	0	0
Life, Health, Safety & Compliance Meas.	2,127,000	0	0	0	0	0	0	0	0	0	0	2,127,000
Major HVAC	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0
North Bend ES Central Plant & Fire Alarm	(30,403)	0	0	(30,403)	0	0	0	0	0	0	0	0
Relocatable Classrooms	500,000	0	0	0	0	0	0	0	0	0	0	500,000
Roof Replacements - Bel Air MS	(48,190)	0	0	(48,190)	0	0	0	0	0	0	0	0
Roof Replacements - HdG ES	2,870,000	0	0	0	1,115,000	0	0	0	0	1,755,000	0	0
Technology Infrastructure	11,349,642	0	695,000	0	0	0	0	0	0	0	0	10,654,642
SUB-TOTAL BOARD OF ED	86,758,642	0	1,482,000	0	42,380,000	0	0	0	0	22,215,000	0	20,681,642



Aberdeen Middle School HVAC Systemic Renovation

BOARD OF EDUCATION

Project Number: B244108
Council District: E
Location: Aberdeen
Est. Debt Service: \$165,270 (annual)

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Design: July - Nov 2023
Bid: February 2024
Award Contract: May 2024
Construction Start: June 2024
Construction Completion: August 2025

PROJECT DESCRIPTION:

Aberdeen Middle School was built in 1973 and consists of a two-story building of 196,800 SF. The building is served by a four-pipe HVAC system utilizing two (2) cast iron, hot water boilers. This project will replace the building heating system with multiple, modular boilers, with cascading sequencing to allow for more energy efficient equipment using energy recovery heat wheels. All existing building controls will be replaced with newer DDC devices. The building's electrical system will be evaluated and electrical system components will be replaced as necessary to support the new HVAC system. The existing metal pan ceiling will be removed and replaced with acoustical ceiling tile and the building's lighting fixtures will be replaced with new energy efficient LED fixtures. The existing fire alarm system will be replaced and the building's sprinkler system will also be evaluated and updated as necessary. The project will also replace exterior doors and windows in improve the building efficiencies and an elevator.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		3,416,000	3,416,000						3,416,000
Land Acquisition			0						0
Construction		13,521,000	13,521,000	17,081,900					30,602,900
Inspection Fees		150,000	150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	0	17,087,000	17,087,000	17,081,900	0	0	0	0	34,168,900

FUNDING SCHEDULE

R7920 State Bonds		9,217,000	9,217,000	10,679,900					19,896,900
R7000 Future Bonds		7,870,000	7,870,000	6,407,475					14,277,475
			0						0
			0						0
			0						0
Total Cost:	0	17,087,000	17,087,000	17,087,375	0	0	0	0	34,174,375



Athletic and Recreation Repairs and Improvements

BOARD OF EDUCATION

Project Number: B214114
Council District: Multiple
Location: Various
Est. Debt Service: \$6,558 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$376,478



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 24: Funding is for replacement of the outdoor track and ticket booth for Aberdeen High School Stadium.

FY 25: Funding is provided for replacement of the track at Havre de Grace High School.

PROJECT DESCRIPTION:

This project is for the maintenance, repair, renovation and replacement of athletic & recreational facilities on HCPS school properties and the specialized equipment required to maintain these facilities. Athletic & recreational facilities include natural and synthetic turf fields, outdoor tracks, stadium infrastructure, playground equipment, and pool infrastructure. In partnership with HC Parks & Recreation these athletic and rec facilities are available to community members after school hours in efforts to further recreational opportunities in the County. If not properly maintained, these facilities will be closed and no longer available to students or the community.

FY 24 funding is for replacement of the outdoor track at Aberdeen High School, and the addition of a ticket booth.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	871,507	437,000	1,308,507	337,000					1,645,507
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	871,507	437,000	1,308,507	337,000	0	0	0	0	1,645,507

FUNDING SCHEDULE

R7100 Prior Bonds	312,299		312,299						312,299
R8750 Paygo	259,208	337,000	596,208	337,000					933,208
R6999 Other BOE	300,000	100,000	400,000						400,000
			0						0
			0						0
Total Cost:	871,507	437,000	1,308,507	337,000	0	0	0	0	1,645,507



Blueprint Facility Program

BOARD OF EDUCATION

Project Number: B244109
Council District: Multiple
Location: Various
Est. Debt Service: \$4,200 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

The Blueprint for Maryland's Future Act (HB 1300) is legislation passed to be implemented over the next 10 years to improve and enhance the quality of public education in Maryland. In 2021 HB 1372 was passed to complement and update HB 1300. The requested funds in this category will be used to make the improvements to provide the physical environment and equipment needed to meet Blueprint program requirements. The funds are used for facility improvements, portable buildings, program specific technology, and new and replacement educational equipment and furnishings. The FY 2024 request includes:

Pre-Kindergarten Expansion Church Creek ES - Add office portables make facility modifications to convert the current 1/2 day pre-k to full day pre-k without decreasing the number of students served - \$200,000

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		45,000	45,000						45,000
Land Acquisition			0						0
Construction		405,000	405,000						405,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	450,000	450,000	0	0	0	0	0	450,000

FUNDING SCHEDULE

R6999 Other BOE		250,000	250,000						250,000
R7000 Future Bonds		200,000	200,000						200,000
			0						0
			0						0
			0						0
Total Cost:	0	450,000	450,000	0	0	0	0	0	450,000



Educational Facility Program

BOARD OF EDUCATION

Project Number: B214107
Council District: Various
Location: Multiple
Est. Debt Service: \$136,386 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
\$2,552,903



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project will be used to make the improvements needed to provide the physical environment and equipment to meet educational program requirements. This includes modifying existing spaces for special education programs, CTE programs, and general educational programs. The funds are used for facility improvements, additional program buses, program specific technology, and new and replacement educational equipment and furnishings. The FY 2024 request includes:

Special Education Facility Improvements - Facility improvements and additional transportation for adding the following regional program sites: 1. Add High School Classroom Support program (CSP) at Bel Air High School Budget includes facility modifications and 3 buses for county wide transportation - \$746,000 2. Early Learners and Learning together at Emmorton ES - budget includes two new portable classrooms, facility modifications, fencing, and an additional bus - \$712,000 3. Facility upgrades/repairs for regional programs - \$200,000 4. Due to recent legislative changes, there have been several additional nonpublic schools added. We are required to provide transportation service to the nonpublic school placements. Need 5 additional buses for nonpublic service - \$735,000

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		100,000	100,000						100,000
Land Acquisition			0						0
Construction	3,493,191	870,000	4,363,191						4,363,191
Inspection Fees			0						0
Equipment/Furnishing	3,797,056	1,930,000	5,727,056						5,727,056
Total Cost:	7,290,247	2,900,000	10,190,247	0	0	0	0	0	10,190,247

FUNDING SCHEDULE

R7000 Future Bonds		2,400,000	2,400,000						2,400,000
R7100 Prior Bonds	4,094,576		4,094,576						4,094,576
R6999 Other BOE	450,000	500,000	950,000						950,000
R8750 Paygo	2,745,671		2,745,671						2,745,671
			0						0
Total Cost:	7,290,247	2,900,000	10,190,247	0	0	0	0	0	10,190,247



Fleet Replacement

BOARD OF EDUCATION

Project Number: B214108
Council District: Multiple
Location: Various
Est. Debt Service: \$339 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,647,067

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

This project provides funds for replacement of special education buses and essential vehicles and equipment at the end of life and will purchase new vehicles & equipment as required. Special education buses are required to meet the needs of growing numbers of students, programs & schools. These buses must comply with Federal regulations and meet IEP requirements for special education transportation. The MSDE requires that school systems replace buses after 12 years of use.

Replacement Special Needs Buses

Three (3) buses due for replacement in FY 24

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	8,965,156	4,700,000	13,665,156						13,665,156
Total Cost:	8,965,156	4,700,000	13,665,156	0	0	0	0	0	13,665,156

FUNDING SCHEDULE

R8750 Paygo	6,099,000	450,000	6,549,000						6,549,000
R7100 Prior Bonds	16,159		16,159						16,159
R6999 Other BOE	2,850,000	4,250,000	7,100,000						7,100,000
			0						0
			0						0
Total Cost:	8,965,159	4,700,000	13,665,159	0	0	0	0	0	13,665,159



George D. Lisby HVAC Systemic Renovation

Project Number: B204110
Council District: E
Location: Aberdeen
Est. Debt Service: \$96,800 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$9,250,000



■ Expended/Enc. ■ Budget

Project Schedule/Status:
 Complete

PROJECT DESCRIPTION:

This project addresses the replacement of the HVAC system for the entire facility. It will also replace the exterior windows and doors that date back to the original construction. A back-up generator will be added to address life safety requirements and meet HCPS design standards, any additional requirements for compliance with MEMA if needed, will be incorporated. A new HVAC system will provide comfort, humidity control, greater energy efficiency and centralized systems controls.

Prior Bonds have been reallocated to HCPS Site Improvements @ \$19,563

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	700,000		700,000						700,000
Land Acquisition			0						0
Construction	8,400,000	(19,563)	8,380,437						8,380,437
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	9,250,000	(19,563)	9,230,437	0	0	0	0	0	9,230,437

FUNDING SCHEDULE

R7920 State Bonds	4,410,000		4,410,000						4,410,000
R7100 Prior Bonds	4,840,000	(19,563)	4,820,437						4,820,437
			0						0
			0						0
			0						0
Total Cost:	9,250,000	(19,563)	9,230,437	0	0	0	0	0	9,230,437



Harford Academy Major Project

BOARD OF EDUCATION

Project Number: B244110
Council District: E
Location: Bel Air
Est. Debt Service: \$336,000 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Requesting local planning approval by the State in FY 24. Design and construction schedule will be developed upon availability of design funding.
 Status: Planning

Expended/Enc. Budget

PROJECT DESCRIPTION:

Built in 1971, Harford Academy (HA) is the only public separate day school serving students ages three to twenty-one with severe and profound disabilities within Harford County. In 2009, Smolen & Emr Associates completed a scope study to assess the current building condition, safety, and educational program efficiency of the HA facility. It was determined the existing building had reached a point where components and systems needed to be replaced. The study also concluded that the instructional needs, as well as the support service a phased occupied renovation is not an option. Due to fiscal constraints, the HA project was deferred. Thirteen years have passed since the original scope study, and the HA project is now the highest major capital priority. On August 10, 2020, the BOE approved a contract with FLO Analytics for the Balancing Enrollment project and an update of the site location study for HA. FLO Analytics partnered with Banta Campbell Architects to conduct a site location study as part of the overall Balancing Enrollment project. At the BOE business meeting on August 16, 2021, the BOE voted in favor of completely replacing the school and building the replacement school on the Campus Hills site, located at 301 Schucks Road. At the business meeting on February 14, 2022; the BOE approved a balancing enrollment plan for the Harford County Public Schools that included adding elementary school capacity to the HA project to increase elementary capacity within the County's growth envelope and help meet the needs related to expansion of pre-kindergarten and special education programs. This project will build a new combination school facility; Harford County Government supports the Harford Academy Project and is currently working with HCPS to evaluate property within the Priority Funding Area (PFA) as an alternative location for this facility. Funding will held until State approval.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		16,000,000	16,000,000						16,000,000
Land Acquisition			0						0
Construction			0		53,780,000	54,480,000			108,260,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	16,000,000	16,000,000	0	53,780,000	54,480,000	0	0	124,260,000

FUNDING SCHEDULE

R7920 State Bonds			0		26,890,000	27,240,000			54,130,000
R7000 Future Bonds		16,000,000	16,000,000		26,890,000	27,240,000			70,130,000
			0						0
			0						0
			0						0
Total Cost:	0	16,000,000	16,000,000	0	53,780,000	54,480,000	0	0	124,260,000



HCPS Facility Repair Program

BOARD OF EDUCATION

Project Number: B204131
Council District: Multiple
Location: Various
Est. Debt Service: \$18,987 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$335,121



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project provides for the repair, renovation, and replacement of school flooring, bleachers, lockers, folding partitions, building envelope, roofing repairs, and other building components and equipment as needed.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	5,173,665	400,000	5,573,665						5,573,665
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,173,665	400,000	5,573,665	0	0	0	0	0	5,573,665

FUNDING SCHEDULE

R7100 Prior Bonds	904,148		904,148						904,148
R8750 Paygo	19,517		19,517						19,517
R6999 Other BOE	4,250,000	400,000	4,650,000						4,650,000
R7000 Future Bonds			0						0
			0						0
Total Cost:	5,173,665	400,000	5,573,665	0	0	0	0	0	5,573,665



HCPS Local Major Capital Projects

BOARD OF EDUCATION

Project Number: New
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

For FY 24: funding is provided to remove the entire existing Harford Glen Pier structure and replace only the most critical portion which spans the reservoir.

Expended/Enc. Budget

PROJECT DESCRIPTION:

Local Education Agencies (LEAs) are required to safely operate and maintain public school facilities in a manner which supports students, teachers, employees, and building use by the public. Harford County Public Schools (HCPS) owns, operates and maintains 180 school and administrative buildings, more than 6.2 million square feet of space positioned on approximately 1,920 acres of land. Local Major Capital Projects are capital improvements that are not eligible for state funding because of age of the system being less than 15 years, scope, scale, or due to the improvement not being in a school facility.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		500,000	500,000						500,000
Total Cost:	0	500,000	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R6999 Other BOE		500,000	500,000						500,000
			0						0
			0						0
			0						0
Total Cost:	0	500,000	500,000	0	0	0	0	0	500,000



HCPS Site Improvements

BOARD OF EDUCATION

Project Number: B224105
Council District: Multiple
Location: Various
Est. Debt Service: \$2,061 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$109,254



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project is used to maintain and complete improvements to HCPS sites including stormwater management facilities, septic facilities, paving overlay and new paving. These projects keep HCPS sites compliant with local, state and federal laws and regulations.

Prior Bond funds reallocated from Bel Air MS Roof, North Bend Central Plant/Alarm and George D. Lisby HVAC

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,255,000	1,498,156	5,753,156						5,753,156
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,255,000	1,498,156	5,753,156	0	0	0	0	0	5,753,156

FUNDING SCHEDULE

R8750 Paygo	500,000		500,000						500,000
R6999 Other BOE	2,375,000	1,400,000	3,775,000						3,775,000
R7100 Prior Bonds		98,156	98,156						98,156
R1525 Transfer Tax	1,380,000		1,380,000						1,380,000
			0						0
Total Cost:	4,255,000	1,498,156	5,753,156	0	0	0	0	0	5,753,156



Harford Technical High School Limited Renovation Project

BOARD OF EDUCATION

Project Number: B234122
Council District: C
Location: Bel Air
Est. Debt Service: \$453,495 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$255,336



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Major construction beginning in FY 2023.

PROJECT DESCRIPTION:

Harford Technical High School (HTHS) has been identified as the highest priority for systemic renovation for the past three (3) years. However, due to state and local funding constraints, it has been deferred. HTHS has multiple systemic needs including mechanical (HVAC), building envelope (windows, doors, etc.), plumbing, electrical and fire safety. Additionally, HCPS instructional stakeholders have identified multiple educational program needs. The top program for update are culinary arts program space to meet state requirements, update and modernization of the cosmetology program spaces, update of the gas, electrical and ventilation for the welding and machine shop programs, providing technology upgrades for the CADD program, and modifying a space for the Academy of Health Professions (AHP) program to be used for physical therapy training. This project will address both the systemic and program needs in a multi-year phased project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	2,600,000		2,600,000						2,600,000
Land Acquisition			0						0
Construction	17,400,000	20,794,000	38,194,000	20,693,225					58,887,225
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	20,000,000	20,794,000	40,794,000	20,693,225	0	0	0	0	61,487,225

FUNDING SCHEDULE

R7920 State Bonds	10,000,000	9,199,000	19,199,000	9,198,225					28,397,225
R7000 Future Bonds		11,595,000	11,595,000	11,495,000					23,090,000
R7100 Prior Bonds	10,000,000		10,000,000						10,000,000
			0						0
			0						0
Total Cost:	20,000,000	20,794,000	40,794,000	20,693,225	0	0	0	0	61,487,225



Healthy School Facility Fund

BOARD OF EDUCATION

Project Number: B244111
Council District: D
Location: Pylesville
Est. Debt Service: \$25,200 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Design: Summer/fall 2023

Bid: Spring of 2024

Construction: Begin summer 2024 and completed by fall

Expended/Enc. Budget

PROJECT DESCRIPTION:

Health School Facility Fund is to provide grants to public schools for capital projects that will improve the health of school facilities. This includes projects that will improve the conditions related to air conditioning, heating, indoor air quality, mold remediation, temperature regulation, plumbing including the presence of lead in drinking water outlets, roofs, and windows. All approved projects have a local match requirement, based on the State-local cost share percentage applicable to projects approved in the Capital Improvement Program. The LEA is required to have local funds available for the payment of cost in excess of the State allocation and ineligible project cost. In FY 23, the IAC changed the submission timeline so it no longer aligns with the CIP timeline. In order for HCPS to take advantage of the State funds, we must have an established local match funding prior to applying for the grant.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		300,000	300,000						300,000
Land Acquisition			0						0
Construction		2,944,000	2,944,000						2,944,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	3,244,000	3,244,000	0	0	0	0	0	3,244,000

FUNDING SCHEDULE

R7920 State Bonds			0						0
R7000 Future Bonds		1,200,000	1,200,000						1,200,000
R3399 State Other		2,044,000	2,044,000						2,044,000
			0						0
			0						0
Total Cost:	0	3,244,000	3,244,000	0	0	0	0	0	3,244,000



Life, Health, Safety and Compliance Measures

BOARD OF EDUCATION

Project Number: B214109
Council District: Multiple
Location: Various
Est. Debt Service: \$120,880 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$189,038

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

Funds from this project are used to provide safe, secure and healthy learning environments that are conducive to effective teaching and learning, creativity and innovation. Projects include school improvements to mitigate safety and security hazards and ensure facilities are compliant to necessary safety, security and environmental mandates, laws & regulations. Project funds also include equipment and vehicles required for providing or implementing safety and security measures.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	6,066,311	2,127,000	8,193,311						8,193,311
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	6,066,311	2,127,000	8,193,311	0	0	0	0	0	8,193,311

FUNDING SCHEDULE

R1525 Transfer Tax	10,491		10,491						10,491
R7100 Prior Bonds	5,756,195		5,756,195						5,756,195
R8750 Paygo	123,540		123,540						123,540
R3399 State Other	176,085		176,085						176,085
R6999 Other BOE		2,127,000							
Total Cost:	6,066,311	2,127,000	6,066,311	0	0	0	0	0	6,066,311



Major HVAC

BOARD OF EDUCATION

Project Number: B214115
Council District: Multiple
Location: Various
Est. Debt Service: \$73,330 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$485,228



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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 Harford County Public Schools normal maintenance operating budget.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		500,000	500,000						500,000
Land Acquisition			0						0
Construction	5,265,379	1,500,000	6,765,379						6,765,379
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,265,379	2,000,000	7,265,379	0	0	0	0	0	7,265,379

FUNDING SCHEDULE

R7100 Prior Bonds	1,491,914		1,491,914						1,491,914
R6999 Other BOE	3,773,465		3,773,465						3,773,465
R7000 Future Bonds		2,000,000	2,000,000						2,000,000
			0						0
			0						0
Total Cost:	5,265,379	2,000,000	7,265,379	0	0	0	0	0	7,265,379



North Bend Elementary School Central Plant & Fire Alarm Upgrade

BOARD OF EDUCATION

Project Number: B204111
Council District: D
Location: Jarrettsville
Est. Debt Service: \$21,506 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,022,633



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

These funds were used at the North Bend Elementary School to replace aging central plant equipment such as chiller, cooling tower and controls. The project will also replace the fire alarm.

Prior Bond funds reallocated to HCPS Site Improvements \$30,403

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	155,000		155,000						155,000
Land Acquisition			0						0
Construction	1,860,000	(30,403)	1,829,597						1,829,597
Inspection Fees	16,000		16,000						16,000
Equipment/Furnishing			0						0
Total Cost:	2,031,000	(30,403)	2,000,597	0	0	0	0	0	2,000,597

FUNDING SCHEDULE

R7100 Prior Bonds	1,054,500	(30,403)	1,024,097						1,024,097
R7920 State Bonds	976,500		976,500						976,500
			0						0
			0						0
			0						0
Total Cost:	2,031,000	(30,403)	2,000,597	0	0	0	0	0	2,000,597



Relocatable Classrooms

BOARD OF EDUCATION

Project Number: B094120
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$759,120



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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 the 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.

FY 2024 - Add portable classroom to Riverside ES for Community School location

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,907,852	500,000	5,407,852						5,407,852
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,907,852	500,000	5,407,852	0	0	0	0	0	5,407,852

FUNDING SCHEDULE

R8750 Paygo	1,172,830		1,172,830						1,172,830
R6999 Other BOE	3,110,896	500,000	3,610,896						3,610,896
R1525 Transfer Tax	58,170		58,170						58,170
R7000 Future Bonds			0						0
R7920 State Bonds	565,956		565,956						565,956
Total Cost:	4,907,852	500,000	5,407,852	0	0	0	0	0	5,407,852



Roof Replacement - Bel Air Middle School

BOARD OF EDUCATION

Project Number: B214110
Council District: C
Location: Various
Est. Debt Service: \$41,132 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/22:

\$702,646



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. Additionally, aging schools require window, door, masonry or siding renewal outside the modernization. Improvements provide enhanced security, energy conservation, and weatherproofing. Projects are submitted for funding consideration through the State Capital Improvement Plan request. The roof at Bel Air Middle School is in need of replacement as it leaks and maintenance concerns have increasingly become an issue. The main concern is the ponding water accelerating the deterioration and hindering repair efforts. This roof was planned to be replaced with a future project on the same site. However, due to budget constraints, the other project was deferred. Due to the poor roof conditions, it was determined that this roof can no longer be deferred. The original building was re-roofed in 1990 and 1994, the gym re-roofed in 1977, and the entrance canopy was re-roofed in 2011. This project would replace the entire roof.

Prior Bond fund reallocated to HCPS Site Improvement \$48,190

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	680,000		680,000						680,000
Land Acquisition			0						0
Construction	5,297,475	(48,190)	5,249,285						5,249,285
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,977,475	(48,190)	5,929,285	0	0	0	0	0	5,929,285

FUNDING SCHEDULE

R7920 State Bonds	4,284,000		4,284,000						4,284,000
R7100 Prior Bonds	1,693,475	(48,190)	1,645,285						1,645,285
			0						0
			0						0
			0						0
Total Cost:	5,977,475	(48,190)	5,929,285	0	0	0	0	0	5,929,285



Roof Replacement - Havre de Grace Elementary School

BOARD OF EDUCATION

Project Number: B244112
Council District: F
Location: Havre de Grace
Est. Debt Service: \$23,415 (annual)

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Design: July - Nov 2023
Bid: February 2024
Award Contact: May 2024
Construction Start: June 2024
Construction Completion: August 2024

PROJECT DESCRIPTION:

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. Additionally, aging schools require window, door, masonry, or siding renewal outside the modernization. Improvements provide enhanced security, energy conservation and weatherproofing. Projects are submitted for funding consideration through the State Capital Improvement Plan request.

Installed in 1988, with a small addition in 1995 and Kindergarten building in 1991, the built-up roof (BUR) on HdG Elementary has performed very well overall, especially now, considering its age. At nearly 35 years old, the roof is reaching the end of its lifespan and starting to show normal age-related issues. The classroom wing holds ponding water, which accelerates deterioration of the membrane. Most of the reported leaks have come from around the roof drains, which is an expected early failure point.

Funds are requested to replace the built-up roofing with a 20 year NDL warranty system utilizing tapered insulation to achieve a 1/4" per foot of slope.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		260,000	260,000						260,000
Land Acquisition			0						0
Construction		2,610,000	2,610,000						2,610,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	2,870,000	2,870,000	0	0	0	0	0	2,870,000

FUNDING SCHEDULE

R7920 State Bonds		1,755,000	1,755,000						1,755,000
R7000 Future Bonds		1,115,000	1,115,000						1,115,000
			0						0
			0						0
			0						0
Total Cost:	0	2,870,000	2,870,000	0	0	0	0	0	2,870,000



Technology Infrastructure

BOARD OF EDUCATION

Project Number: B214111
Council District: Various
Location: Multiple
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$980,552

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

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, and preserve compatibility to industry standards for technology infrastructure components. This over-arching project includes refresh programs to network infrastructure, information security, data storage, communications equipment, servers and auditorium/gymnasium audio/video/theatrical lighting systems. Additionally, the project is a strategic information technology collaboration involving all the government agencies to address current and future technology initiatives of Harford County. The following are included for FY 2024:

Replace Communication Systems: partner with Harford County Government to upgrade the antiquated end of serviceable life analog HCPS phone and PA systems and VoIP models. Upgrade will bring systems in compliance with Kari's law; update to 12 schools at \$692,000/year.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,020,860	11,349,642	16,370,502	500,000	500,000	500,000	500,000	500,000	18,870,502
Total Cost:	5,020,860	11,349,642	16,370,502	500,000	500,000	500,000	500,000	500,000	18,870,502

FUNDING SCHEDULE

R8750 Paygo	5,009,986	695,000	5,704,986	500,000	500,000	500,000	500,000	500,000	8,204,986
R1525 Transfer Tax	10,874		10,874						10,874
R7000 Future Bonds			0						0
R6999 Other BOE		10,654,642	10,654,642						10,654,642
			0						0
Total Cost:	5,020,860	11,349,642	16,370,502	500,000	500,000	500,000	500,000	500,000	18,870,502

OUTYEAR PROJECTS

FY 25 - FY 29



Homestead Wakefield Elementary Major Project

BOARD OF EDUCATION

Project Number: B224106
Council District: C
Location: Bel Air
Est. Debt Service: \$591,675 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$6,017,270



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Pending Litigation
 Design complete. Project ready to bid and begin construction.

PROJECT DESCRIPTION:

Homestead Wakefield Elementary School in Bel Air, MD consists of three (3) separate structures. The entire campus consists of approximately 115,458 square feet. The Wakefield school building was constructed in 1958 and consists of approximately 58,425 square feet. In 1966, the Homestead building was constructed, which consist of approximately 52,628 square feet. A remote kindergarten building was constructed near the Wakefield building in 1968 and consists of approximately 4,585 square feet.

The three building school is aged, antiquated, inefficient and poses many safety concerns. Additionally, forty feet of elevation separates Wakefield from Homestead adding to the complexity of operating a three building campus. The site also has stormwater issues, traffic congestion without a separate bus drop off loop, aged playground equipment, and a 50 year underground storage tank. The building equipment is at its end of life, there are building leaks, lighting issues, major HVAC concerns, and lack of ADA compliance. The program space for educational purposed are inadequate. A revised scope study recommending completely\ replacing the Homestead/Wakefield Elementary school on the site of the Wakefield building was approved by the BOE in February 2021. The scope study also analyzed the facility capacity in coordination with the balancing enrollment study. It was determined that a capacity of 1,100 students was needed to address capacity concerns in the area. Education specifications have been developed and approved by the local BOE and MSDE. The project is currently in design and construction to begin in 2021. This request is for the first year of construction funding. This project will be the number 1 priority for the State portion.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	6,000,000		6,000,000						6,000,000
Land Acquisition			0						0
Construction	37,937,000		37,937,000	34,431,000					72,368,000
Inspection Fees			0						0
Equipment/Furnishing			0	4,200,000					4,200,000
Total Cost:	43,937,000	0	43,937,000	38,631,000	0	0	0	0	82,568,000

FUNDING SCHEDULE

R7920 State Bonds	15,762,000		15,762,000	20,406,000					36,168,000
R7000 Future Bonds			0	18,225,000					18,225,000
R7100 Prior Bonds	28,175,000		28,175,000						28,175,000
R8750 Paygo			0						0
			0						0
Total Cost:	43,937,000	0	43,937,000	38,631,000	0	0	0	0	82,568,000

OPEN / ACTIVE PROJECTS



Aberdeen High School North Building

BOARD OF EDUCATION

Project Number: B054110
Council District: E
Location: Aberdeen
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$637,473



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project provided funding for a scope study to determine the best use of the 108,087 square feet of the North Building of the Aberdeen High School.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	665,000	0	665,000	0	0	0	0	0	665,000



Abingdon Elementary School Central Plant

BOARD OF EDUCATION

Project Number: B224104
Council District: B224104
Location: Abingdon
Est. Debt Service: \$26,187 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$6,410



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Summer/Fall 2021: Design
 Spring 2022: Bid
 Summer 2022: Construction

PROJECT DESCRIPTION:

The funds will be used at Abingdon Elementary School to replace aging central plant equipment including the existing 200 ton water cooled chiller, cooling tower and the 100 ton air cooled chiller, the dual fuel-fired boilers and domestic water heater (DHW), related pumps and piping accessories, and upgrading the central plant building automation controls. The project will expand the mechanical courtyard for the installation of the replacement of air cooled chiller.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	530,000		530,000						530,000
Land Acquisition			0						0
Construction	1,848,000		1,848,000						1,848,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,378,000	0	2,378,000	0	0	0	0	0	2,378,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,247,000		1,247,000						1,247,000
R7920 State Bonds	1,131,000		1,131,000						1,131,000
			0						0
			0						0
			0						0
Total Cost:	2,378,000	0	2,378,000	0	0	0	0	0	2,378,000



Bakerfield Elementary School

BOARD OF EDUCATION

Project Number: B234121
Council District: F
Location: Havre de Grace
Est. Debt Service: \$13,125 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$7,200



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Summer 2022: Design
 Fall 2022: Bid
 Winter 2022 - Spring 2023: Construction

PROJECT DESCRIPTION:

The funds will be used to replace the 23 year old failing air-cooled water chiller with a new energy efficient air-cooled chiller. Recently, it has experienced increased failures that caused the school to be without cooling for a short period. Future problems could lead to additional damage done to the internal components of the chiller. There is a risk of possible permanent damage and loss of cooling for an extended period of time.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	151,000		151,000						151,000
Land Acquisition			0						0
Construction	1,109,000		1,109,000						1,109,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,260,000	0	1,260,000	0	0	0	0	0	1,260,000

FUNDING SCHEDULE

R7920 State Bonds	635,000		635,000						635,000
R7100 Prior Bonds	625,000		625,000						625,000
			0						0
			0						0
			0						0
Total Cost:	1,260,000	0	1,260,000	0	0	0	0	0	1,260,000



Center for Educational Opportunity - HVAC

BOARD OF EDUCATION

Project Number: B164109
Council District: E
Location: Aberdeen
Est. Debt Service: \$46,200 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$2,200,000

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

The Center for 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 square feet. 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 electronically 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,625,000		4,625,000						4,625,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,625,000	0	4,625,000	0	0	0	0	0	4,625,000

FUNDING SCHEDULE

R7920 State Bonds	2,425,000		2,425,000						2,425,000
R7100 Prior Bonds	2,200,000		2,200,000						2,200,000
			0						0
			0						0
			0						0
Total Cost:	4,625,000	0	4,625,000	0	0	0	0	0	4,625,000



HCPS Facilities Master Plan

BOARD OF EDUCATION

Project Number: B214116
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$764,766



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project allows Harford County Public Schools (HCPS) to plan for facility needs, program needs, balance enrollment, and develop scope studies for major capital projects. HCPS believes proper planning is imperative to efficiently maintaining facilities to provide a safe, secure, and health learning environment that is conducive to effective teaching and learning, creativity and innovation. The FY 24 request includes a Scope Study to evaluate HdG ES and Magnolia ES for potential addition/modernization and existing Harford Academy for building reuse.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,070,000		1,070,000						1,070,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,070,000	0	1,070,000	0	0	0	0	0	1,070,000

FUNDING SCHEDULE

R8750 Paygo	1,070,000		1,070,000						1,070,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,070,000	0	1,070,000	0	0	0	0	0	1,070,000



Havre de Grace Middle/High School Replacement

BOARD OF EDUCATION

Project Number: B144111
Council District: F
Location: Havre de Grace
Est. Debt Service: \$1,626,954 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
\$77,408,368

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

The Havre de Grace High School consists of two buildings with a main administration and classroom facility built in 1955. The building was renovated in 1984 and had additions built in 1958, 1971, 1976, and 1984. Constrained by the urban setting, the second building, part of the 1971 addition, was built across Congress Street and includes the auditorium, gymnasiums and music wing. Havre de Grace Middle School was built in 1967 and has had no major renovations or modernizations. A scope study was performed to evaluate options, and on September 23, 2013 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 Public Works approved Local Planning for this project in the FY 15 CIP under the Sustainable Communities Program. Educational specifications and schematic design for the new building were approved by the BOE on August 4th and August 18th, 2014 (respectively), for a new building of approximately 240,000 square feet and a combined state rated capacity of 1,542.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	4,950,000		4,950,000						4,950,000
Land Acquisition			0						0
Construction	88,118,000		88,118,000						88,118,000
Inspection Fees			0						0
Equipment/Furnishing	6,200,000		6,200,000						6,200,000
Total Cost:	99,268,000	0	99,268,000	0	0	0	0	0	99,268,000

FUNDING SCHEDULE

R7100 Prior Bonds	77,474,000		77,474,000						77,474,000
R7920 State Bonds	21,544,000		21,544,000						21,544,000
R6999 Other	250,000		250,000						250,000
			0						0
			0						0
Total Cost:	99,268,000	0	99,268,000	0	0	0	0	0	99,268,000



Meadowvale Elementary School

BOARD OF EDUCATION

Project Number: B234123
Council District: F
Location: Havre de Grace
Est. Debt Service: \$9,030 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$8,100



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Summer 2022: Design
 Fall 2022: Bid
 Winter 2022 - Spring 2023: Construction

PROJECT DESCRIPTION:

The funds will be used to replace the 21 year old failing air-cooled rotary screw chiller with a new energy efficient air-cooled chiller. The current chiller has been previously identified as requiring replacement. Recently, it has experienced increased failures that caused the school to be without cooling for a short period. Future problems could lead to additional damage done to the internal components of the chiller. There is a risk of possible permanent damage and loss of cooling for an extended period of time.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	770,000		770,000						770,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	870,000	0	870,000	0	0	0	0	0	870,000

FUNDING SCHEDULE

R7920 State Bonds	440,000		440,000						440,000
R7100 Prior Bonds	430,000		430,000						430,000
			0						0
			0						0
			0						0
Total Cost:	870,000	0	870,000	0	0	0	0	0	870,000



Roof Replacement - Bakerfield Elementary School

BOARD OF EDUCATION

Project Number: B234124
Council District: E
Location: Aberdeen
Est. Debt Service: \$19,530 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$475,959



■ Expended/Enc. ■ Budget

Project Schedule/Status:

July-Nov 2022: Design
 February 2023: Bid
 May 2023: Award
 June - August 2023: Construction begin and completion

PROJECT DESCRIPTION:

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. Additionally, aging schools require window, door, masonry or siding renewal outside the modernization. Improvements provide enhanced security, energy conservation and weatherproofing. Projects are submitted for funding consideration through the State Capital Improvement Plan request.

Bakerfield Elementary School's roof is a mix of flat built up roofing (BUR) installed in 1983 and 1994, sloped BUR installed in 1999 and standing seam metal installed in 1999. The BUR portion needs replacement as leaks and maintenance concerns have been increasingly becoming an issue. Most of the drains have been reflashed at least once. Some of them have required a second reworking. Because there is no taper built into most of the roof, water ponds on it degrading the original felts as well as the repairs. The weakening of "rot" of the roof typically begins at the drains, as those areas tend to take the longest time to dry out. Over time, it will progress to the rest of the roof. While the metal roof is in fair condition, it should be painted or coated to stop the progression of rust that has started.

Funds are requested to replace the built-up roofing portion with a 20 year NDL warranty system utilizing tapered insulation to achieve a 1/4" per foot of slope and paint/coat the metal portion to extend the life and prevent premature failures.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	171,000		171,000						171,000
Land Acquisition			0						0
Construction	2,004,000		2,004,000						2,004,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,175,000	0	2,175,000	0	0	0	0	0	2,175,000

FUNDING SCHEDULE

R7920 State Bonds	1,245,000		1,245,000						1,245,000
R7100 Prior Bonds	930,000		930,000						930,000
			0						0
			0						0
			0						0
Total Cost:	2,175,000	0	2,175,000	0	0	0	0	0	2,175,000



Roof Replacement - Center for Educational Opportunity (CEO)

BOARD OF EDUCATION

Project Number: B224107
Council District: E
Location: Aberdeen
Est. Debt Service: \$38,850 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$625,703

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

The roof at the Center for Educational Opportunity (CEO) needs replacement as leaks and maintenance concerns have increasingly become an issue. Extensive repairs have been made to the roof membrane. The roof has repeated issues with ponding water, failing expansion joints, and the roof membrane is pulling away from the gravel stop. Heavy rains overflow the roof into the enclosed courtyard causing flooding, the water penetrates the building from the courtyard. The windows in the gym and along the backside of the building have had many leaks. These windows will be included in the project as an alternate and will be addressed as budget allows. HCPS has employed temporary solutions to address the flooding courtyard and repair damage from a tree fall; however the roof needs full replacement. The main building and annex were re-roofed in 1990; the planetarium roof is original to 1965. This project would replace the entire roof. Funds are requested to replace 98,368 square feet of built up roofing with a 20 year NDL warranty system utilizing tapered insulation to achieve a 1/4" per foot of slope at the CEO.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	394,000		394,000						394,000
Land Acquisition			0						0
Construction	3,935,000		3,935,000						3,935,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,329,000	0	4,329,000	0	0	0	0	0	4,329,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,850,000		1,850,000						1,850,000
R7920 State Bonds	2,479,000		2,479,000						2,479,000
			0						0
			0						0
			0						0
Total Cost:	4,329,000	0	4,329,000	0	0	0	0	0	4,329,000



Roye Williams HVAC Systemic Renovation

BOARD OF EDUCATION

Project Number: B204113
Council District: F
Location: Havre de Grace
Est. Debt Service: \$141,603 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$6,743,000



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project was for the replacement and upgrade of the building's HVAC system as well as the replacement of existing plumbing piping and select plumbing fixture replacement.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	890,000		890,000						890,000
Land Acquisition			0						0
Construction	10,680,000		10,680,000						10,680,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	11,720,000	0	11,720,000	0	0	0	0	0	11,720,000

FUNDING SCHEDULE

R7100 Prior Bonds	6,743,000		6,743,000						6,743,000
R7920 State Bonds	4,977,000		4,977,000						4,977,000
			0						0
			0						0
			0						0
Total Cost:	11,720,000	0	11,720,000	0	0	0	0	0	11,720,000



Security Measures

BOARD OF EDUCATION

Project Number: B054113
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,295,440



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,481,600		2,481,600						2,481,600
Total Cost:	2,481,600	0	2,481,600	0	0	0	0	0	2,481,600

FUNDING SCHEDULE

R8750 Paygo	1,446,600		1,446,600						1,446,600
R6999 Other	1,035,000		1,035,000						1,035,000
			0						0
			0						0
			0						0
Total Cost:	2,481,600	0	2,481,600	0	0	0	0	0	2,481,600



Swan Creek HVAC Upgrades

BOARD OF EDUCATION

Project Number: B234125
Council District: E
Location: Aberdeen
Est. Debt Service: \$34,965 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Summer/Fall 2022: Design
 Summer/Fall 2023: Construction to begin and be completed

PROJECT DESCRIPTION:

This project will upgrade the HVAC system at the Swan Creek School. This will provide comfort, humidity control, greater energy efficiency and centralized systems controls. Additionally, this project will replace boilers upgrading to gas and remove the fuel tank.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction	2,748,000		2,748,000						2,748,000
Inspection Fees	37,000		37,000						37,000
Equipment/Furnishing			0						0
Total Cost:	3,135,000	0	3,135,000	0	0	0	0	0	3,135,000

FUNDING SCHEDULE

R7920 State Bonds	1,470,000		1,470,000						1,470,000
R7100 Prior Bonds	1,665,000		1,665,000						1,665,000
			0						0
			0						0
			0						0
Total Cost:	3,135,000	0	3,135,000	0	0	0	0	0	3,135,000



Technology Education Lab Refresh

BOARD OF EDUCATION

Project Number: B164112
Council District: Various
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:
 \$204,308

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

This project provided funding 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" (FDOT) course is required for all students in Harford County Public Schools as part of the MSDE graduation requirements. The implementation of these programs is an essential component of the K-12 STEM Education Strategic Plan for HCPS students.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	226,648		226,648						226,648
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	226,648	0	226,648	0	0	0	0	0	226,648

FUNDING SCHEDULE

R8750 Paygo	226,648		226,648						226,648
			0						0
			0						0
			0						0
			0						0
Total Cost:	226,648	0	226,648	0	0	0	0	0	226,648



Youth's Benefit Elementary School Replacement

BOARD OF EDUCATION

Project Number: B074127
Council District: B
Location: Fallston
Est. Debt Service: \$810,849 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$38,611,866



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project was to replace the Youth's Benefit Elementary School two school campus into a one school building.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	3,510,600		3,510,600						3,510,600
Land Acquisition			0						0
Construction	42,111,266		42,111,266						42,111,266
Inspection Fees	3,240,000		3,240,000						3,240,000
Equipment/Furnishing			0						0
Total Cost:	48,861,866	0	48,861,866	0	0	0	0	0	48,861,866

FUNDING SCHEDULE

R7100 Prior Bonds	38,611,866		38,611,866						38,611,866
R7920 State Bonds	10,250,000		10,250,000						10,250,000
			0						0
			0						0
			0						0
Total Cost:	48,861,866	0	48,861,866	0	0	0	0	0	48,861,866

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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SOLID WASTE SERVICES

FY 24 Projects

Environmental Studies & Projects	433,801	233,801	50,000	50,000	50,000	0	50,000	0
HWDC Landfill Capping	10,070,000	9,695,000	125,000	0	125,000	0	125,000	0

Outyear Projects

Solid Waste Facilities Repair	3,500,000	2,000,000	0	500,000	0	500,000	0	500,000
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Open Projects

HWDC Compost Area Facilities	484,088	484,088	0	0	0	0	0	0
Scarboro Landfill Groundwater	250,000	250,000	0	0	0	0	0	0
Tollgate Yard Trim Recycling Ctr	475,081	475,081	0	0	0	0	0	0
Waste-to-Energy Closure	13,163,753	13,163,753	0	0	0	0	0	0

SOLID WASTE BY PROJECT	28,376,723	26,301,723	175,000	550,000	175,000	500,000	175,000	500,000
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Paygo	24,443,321	23,868,321	175,000	50,000	175,000	0	175,000	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	1,500,000	0	0	500,000	0	500,000	0	500,000
Prior Bonds	2,433,402	2,433,402	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

SOLID WASTE BY FUND	28,376,723	26,301,723	175,000	550,000	175,000	500,000	175,000	500,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
SOLID WASTE SERVICES												
Environmental Studies & Projects	50,000	0	50,000	0	0	0	0	0	0	0	0	0
HWDC Landfill Capping	125,000	0	125,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE SVCS	175,000	0	175,000	0	0	0	0	0	0	0	0	0



Environmental Studies and Projects

SOLID WASTE

Project Number: D214112
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$29,127



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

This project provides for continued groundwater and other related environmental studies and investigations at County-owned and/or operated landfills, and various other County projects, equipment, appurtenances, and property acquisitions involving the environment and solid waste operations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	233,801	50,000	283,801	50,000	50,000		50,000		433,801
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	233,801	50,000	283,801	50,000	50,000	0	50,000	0	433,801

FUNDING SCHEDULE

R8750 Paygo	233,801	50,000	283,801	50,000	50,000		50,000		433,801
			0						0
			0						0
			0						0
			0						0
Total Cost:	233,801	50,000	283,801	50,000	50,000	0	50,000	0	433,801



HWDC Landfill Capping

SOLID WASTE

Project Number: D105601
Council District: D
Location: Street
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
\$7,977,097



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

This project provides for the planning, design, and construction of the capping system required by the Refuse Disposal Permit for proper closure and post-closure of completed landfill cells at the Harford Waste Disposal Center (HWDC) including related studies, activities, equipment and appurtenances. This project relates to the Harford County ten year Solid Waste Management Plan.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	9,145,000	125,000	9,270,000		125,000		125,000		9,520,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	9,695,000	125,000	9,820,000	0	125,000	0	125,000	0	10,070,000

FUNDING SCHEDULE

R8750 Paygo	9,695,000	125,000	9,820,000		125,000		125,000		10,070,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	9,695,000	125,000	9,820,000	0	125,000	0	125,000	0	10,070,000

OUTYEAR PROJECTS

FY 25 - FY 29



Solid Waste Facilities Repair Program

SOLID WASTE

Project Number: D204115
Council District: D
Location: Street
Est. Debt Service: \$31,500 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$585,183



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:
 This project is ongoing.

PROJECT DESCRIPTION:

This project provides funding for the replacement, renovation and repairs of DPW-Solid Waste Facilities, to include site improvements, facility upgrades, roofing, structural, electrical, mechanical, equipment, appurtenances, etc., and investigation, engineering, and permitting. This project relates to the Harford County ten year Solid Waste Management Plan.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,000,000	0	2,000,000	500,000	0	500,000	0	500,000	3,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,000,000	0	2,000,000	500,000	0	500,000	0	500,000	3,500,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,500,000		1,500,000						1,500,000
R8750 Paygo	500,000	0	500,000						500,000
R7000 Future Bonds			0	500,000		500,000		500,000	1,500,000
			0						0
			0						0
Total Cost:	2,000,000	0	2,000,000	500,000	0	500,000	0	500,000	3,500,000

OPEN / ACTIVE PROJECTS



HWDC Compost Area Facilities

SOLID WASTE

Project Number: D075601
Council District: D
Location: Street
Est. Debt Service: \$10,166 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$477,600

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

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 hand wash stations. This project includes electric, new well and septic, heating, ventilation, air conditioning, water storage, and other equipment and appurtenances. This project is based on the Solid Waste Management Plan to provide for the processing of yard trim materials not permitted to be landfilled.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	484,088		484,088						484,088
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	484,088	0	484,088	0	0	0	0	0	484,088

FUNDING SCHEDULE

R7100 Prior Bonds	484,088		484,088						484,088
			0						0
			0						0
			0						0
			0						0
Total Cost:	484,088	0	484,088	0	0	0	0	0	484,088



Scarboro Landfill Groundwater Treatment Plant Evaluation & Upgrades

SOLID WASTE

Project Number: D174108
Council District: D
Location: Street
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$23,014



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project provides for the evaluation and modification of the existing groundwater treatment system, including additional monitoring, to determine and make modifications for 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	100,000		100,000						100,000
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
Total Cost:	250,000	0	250,000	0	0	0	0	0	250,000



Tollgate Yard Trim Recycling Center

SOLID WASTE

Project Number: D155602
Council District: C
Location: Bel Air
Est. Debt Service: \$9,436 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$380,047

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

This project provides for the planning, 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 and personnel facilities, storage, equipment, site utilities and lighting, improvements to site security, stormwater management facilities, paving and other appurtenances. The new design will improve safety and service to over 2,000 customers per day. The project is related to the Harford County Ten Year Solid Waste Management Plan to promote recycling and provide for proper solid waste management.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	475,081		475,081						475,081
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	475,081	0	475,081	0	0	0	0	0	475,081

FUNDING SCHEDULE

R8750 Paygo	25,767		25,767						25,767
R7100 Prior Bonds	449,314		449,314						449,314
			0						0
			0						0
			0						0
Total Cost:	475,081	0	475,081	0	0	0	0	0	475,081



Waste-To-Energy Facility Closure

SOLID WASTE

Project Number: D145602
Council District: A
Location: Joppa
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
\$3,142,048



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

PROJECT DESCRIPTION:

This project provides for decommissioning, demolition and site restoration for the Harford Waste-To-Energy facility.
FY 23 Paygo funding is Special Dedicated Paygo.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	12,763,753		12,763,753						12,763,753
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	13,163,753	0	13,163,753	0	0	0	0	0	13,163,753

FUNDING SCHEDULE

R8750 Paygo	13,163,753		13,163,753						13,163,753
			0						0
			0						0
			0						0
			0						0
Total Cost:	13,163,753	0	13,163,753	0	0	0	0	0	13,163,753

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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PARKS & RECREATION

FY 24 Projects

Athletic Field Improvements	41,550,000	25,550,000	3,000,000	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000
Bulkhead Renovations	2,055,000	40,000	515,000	0	500,000	500,000	0	500,000
Cedar Lane Park Improvements	4,500,000	0	3,000,000	1,500,000	0	0	0	0
Edgewood Recreation Park	650,000	50,000	450,000	0	0	150,000	0	0
Emily Bayless Graham Park	4,395,000	3,395,000	250,000	0	750,000	0	0	0
Equestrian Center Improvements	1,565,000	650,000	365,000	0	300,000	0	250,000	0
Facility Repairs & Renovations	1,649,000	799,000	100,000	100,000	150,000	150,000	150,000	200,000
Heavenly Waters Park - Soma	1,250,000	200,000	100,000	600,000	0	0	350,000	0
Norrisville Park	2,225,000	1,375,000	300,000	0	0	550,000	0	0
Northern Regional Park	2,575,000	825,000	1,250,000	0	0	0	0	500,000
Oakington Peninsula System	5,050,000	400,000	150,000	1,000,000	0	1,000,000	0	2,500,000
Outdoor AED Construction	230,000	30,000	30,000	30,000	30,000	30,000	30,000	50,000
Park Improvements	575,000	255,000	50,000	50,000	50,000	50,000	50,000	70,000
Parking Lot Paving	2,574,000	1,549,000	150,000	175,000	175,000	175,000	175,000	175,000
Parkland Acquisition	25,871,000	15,021,000	2,075,000	1,675,000	1,700,000	1,700,000	1,850,000	1,850,000
Perryman Park Development	1,650,000	120,000	730,000	800,000	0	0	0	0
Playground Equipment	8,540,000	6,315,000	175,000	150,000	400,000	500,000	500,000	500,000
Swan Harbor Farm Improvements	1,114,000	814,000	50,000	50,000	50,000	50,000	50,000	50,000
Tennis, Multipurpose/Pickleball	2,910,000	1,960,000	150,000	150,000	150,000	150,000	150,000	200,000
Trails & Linear Parks	29,850,000	18,200,000	2,000,000	1,250,000	1,000,000	1,500,000	2,950,000	2,950,000
Vale Road Park	2,225,000	125,000	300,000	1,800,000	0	0	0	0

Outyear Projects

ADA Improvements	1,130,000	470,000	0	100,000	140,000	140,000	140,000	140,000
Anita C. Leight Improvements	1,355,000	1,055,000	0	0	300,000	0	0	0
Backstop Renovations	555,000	270,000	0	50,000	65,000	40,000	65,000	65,000
Benson Field Development	975,000	100,000	0	0	0	175,000	0	700,000
Blake's Venture Park	1,100,000	0	0	100,000	0	1,000,000	0	0
Bleacher Renovations	970,000	590,000	0	80,000	0	0	150,000	150,000
Bush River Dredging/DMP	1,990,000	1,040,000	0	0	0	100,000	850,000	0
Canoe and Kayak Access	2,030,000	1,330,000	0	0	250,000	0	325,000	125,000
Chapel Road Park Improvements	400,000	0	0	0	0	0	200,000	200,000
Debris/Derelict Boats	200,000	100,000	0	0	100,000	0	0	0
Demarco Memorial Park Improve.	140,000	40,000	0	0	0	100,000	0	0
Disc Golf Course	100,000	50,000	0	50,000	0	0	0	0
Dog Park Construction/Improve.	963,500	673,500	0	90,000	0	100,000	100,000	0
Eden Mill Park Rehabilitation	2,380,000	1,255,000	0	500,000	0	125,000	500,000	0
Edgeley Grove Farm	1,040,000	140,000	0	150,000	0	750,000	0	0
Emmorton Rec & Tennis Ctr	2,995,000	2,195,000	0	0	400,000	0	0	400,000
Enlarged Gymnasiums & Joint Fac.	2,650,000	1,200,000	0	0	0	700,000	0	750,000
Flying Point Park Improvements	1,203,000	1,053,000	0	0	150,000	0	0	0
Graybeal Fields	125,000	0	0	125,000	0	0	0	0
Gunpowder River Dredging	3,684,000	2,234,000	0	0	250,000	1,200,000	0	0
Gymnasium Floor Repair & Reno	360,000	210,000	0	50,000	50,000	50,000	0	0
Jarrettsville Rec Complex/Ctr	5,860,775	4,710,775	0	1,000,000	0	0	0	150,000
Joppatowne Community Center	9,500,000	500,000	0	9,000,000	0	0	0	0
Mariner Point Park DMP Site	2,950,000	1,650,000	0	0	0	0	0	1,300,000
Prospect Mill Park	700,000	250,000	0	0	250,000	200,000	0	0
Robert Copenhagen Park Improve	800,000	300,000	0	0	0	0	250,000	250,000
Rockfield Park Improvements	370,000	270,000	0	0	100,000	0	0	0
Schucks Road Regional Complex	8,660,415	8,110,415	0	0	0	0	550,000	0
SWM Pond Repair & Renovation	1,475,000	1,025,000	0	150,000	0	150,000	0	150,000
Tollgate Woodshop	85,000	40,000	0	0	45,000	0	0	0
Tudor Hall Rehabilitation	400,000	0	0	0	0	0	200,000	200,000
12 Stones Park	2,000,000	250,000	0	1,500,000	0	0	250,000	0

Open Projects

Aberdeen Activity Center	9,000,000	9,000,000		0	0	0	0	0
Churchville Center Renovations	875,000	875,000	0	0	0	0	0	0
Churchville Complex Development	8,616,830	8,616,830	0	0	0	0	0	0
Darlington Park Development	1,985,000	1,985,000	0	0	0	0	0	0
Edgewood Rec & Comm Center	225,000	225,000	0	0	0	0	0	0
Forest Hill Rec Complex Improve	800,000	800,000	0	0	0	0	0	0
Fox Meadows Park Improvements	450,000	450,000	0	0	0	0	0	0
Francis Silver Park Improvements	425,000	425,000	0	0	0	0	0	0
Indoor Rec Fac. Forest Hill/Hickory	1,474,000	1,474,000	0	0	0	0	0	0
Mariner Point Park Renovations	736,000	736,000	0	0	0	0	0	0
Nuttall Avenue Park Development	650,000	650,000	0	0	0	0	0	0
Otter Point Creek Boat Launch	560,000	560,000	0	0	0	0	0	0
P&R Facility Development & Reno	2,656,315	2,656,315	0	0	0	0	0	0
Rock Glenn Park	1,300,000	1,300,000	0	0	0	0	0	0

PARKS & RECREATION BY PROJECT	231,902,835	138,537,835	15,190,000	24,775,000	9,855,000	13,835,000	12,585,000	17,125,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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PARKS & RECREATION

Paygo	4,265,322	3,965,322	50,000	50,000	50,000	50,000	50,000	50,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	1,579,415	1,579,415	0	0	0	0	0	0
Future Bonds	45,600,000	0	4,500,000	17,000,000	3,500,000	5,200,000	5,700,000	9,700,000
Prior Bonds	53,756,830	53,756,830	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	47,296,953	29,146,953	3,000,000	3,015,000	2,540,000	3,560,000	3,185,000	2,850,000
State	56,434,315	33,294,315	4,115,000	3,100,000	3,000,000	4,950,000	3,500,000	4,475,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0
Developer/Other	15,735,000	9,560,000	3,525,000	1,610,000	765,000	75,000	150,000	50,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

PARKS & RECREATION BY FUND	231,902,835	138,537,835	15,190,000	24,775,000	9,855,000	13,835,000	12,585,000	17,125,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
PARKS & RECREATION												
Athletic Field Improvements	3,000,000	0	0	0	2,500,000	0	0	0	0	0	0	500,000
Bulkhead Renovations	515,000	0	0	0	0	0	0	0	0	515,000	0	0
Cedar Lane Park Improvements	3,000,000	0	0	0	0	0	0	0	0	0	0	3,000,000
Edgewood Recreation Park*	450,000	0	0	0	0	0	0	0	100,000	350,000	0	0
Emily Bayless Graham Park	250,000	0	0	0	0	0	0	0	250,000	0	0	0
Equestrian Center Improvements	365,000	0	0	0	0	0	0	0	365,000	0	0	0
Facility Repairs and Renovations	100,000	0	0	0	0	0	0	0	100,000	0	0	0
Heavenly Waters Park - Soma	100,000	0	0	0	0	0	0	0	100,000	0	0	0
Norrisville Park	300,000	0	0	0	0	0	0	0	300,000	0	0	0
Northern Regional Park*	1,250,000	0	0	0	0	0	0	0	500,000	750,000	0	0
Oakington Peninsula System	150,000	0	0	0	0	0	0	0	150,000	0	0	0
Outdoor AED Construction	30,000	0	0	0	0	0	0	0	30,000	0	0	0
Park Improvements	50,000	0	0	0	0	0	0	0	50,000	0	0	0
Parking Lot Paving	150,000	0	0	0	0	0	0	0	150,000	0	0	0
Parkland Acquisition*	2,075,000	0	0	0	0	0	0	0	75,000	2,000,000	0	0
Perryman Park Development*	730,000	0	0	0	0	0	0	0	230,000	500,000	0	0
Playground Equipment	175,000	0	0	0	0	0	0	0	150,000	0	0	25,000
Swan Harbor Farm Improvements**	50,000	0	50,000	0	0	0	0	0	0	0	0	0
Tennis, Multipurpose & Pickleball Courts	150,000	0	0	0	0	0	0	0	150,000	0	0	0
Trails and Linear Parks	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0
Vale Road Park	300,000	0	0	0	0	0	0	0	300,000	0	0	0
*Program Open Space State funding												
**Special Revenue Fund Paygo												
TOTAL PARKS & RECREATION	15,190,000	0	50,000	0	4,500,000	0	0	0	3,000,000	4,115,000	0	3,525,000



Athletic Field Improvements

PARKS AND RECREATION

Project Number: P084117
Council District: Multiple
Location: Various
Est. Debt Service: \$533,400 (annual)

Expended/Encumbered as of 1/9/23:
 \$22,887,570



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

FY 22: Harford Tech HS synthetic field replacement
 FY 23: Havre de Grace HS synthetic field replacement and Hickory Park natural turf field renovations
 Engineering for Harford Tech and Hickory Park is underway. Tucker Field engineering was complete in FY 21.

PROJECT DESCRIPTION:

This project proposes major improvements to athletic fields both natural and synthetic at various locations throughout the County. The joint use agreement between Parks and Recreation and HCPS for turf fields, greatly benefits the Recreation Council programs as well as school athletics. This project supports Harford County's sports tourism industry through the improvement of playing surfaces at parks and recreation facilities throughout Harford County, including Cedar Lane Sports complex. This project also supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and the Capital Improvements Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2029	FY 2029	TOTAL
Engineering/Design	925,000	500,000	1,425,000	250,000	250,000	250,000	250,000	300,000	2,725,000
Land Acquisition			0						0
Construction	24,255,000	2,500,000	26,755,000	2,250,000	2,250,000	2,250,000	2,250,000	2,700,000	38,455,000
Inspection Fees	370,000		370,000						370,000
Equipment/Furnishing			0						0
Total Cost:	25,550,000	3,000,000	28,550,000	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000	41,550,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,350,000		1,350,000						1,350,000
R6999 Other	1,300,000	500,000	1,800,000						1,800,000
R7000 Future Bonds		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000	15,500,000
R7100 Prior Bonds	22,900,000		22,900,000						22,900,000
			0						0
Total Cost:	25,550,000	3,000,000	28,550,000	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000	41,550,000



Bulkhead Renovations

PARKS AND RECREATION

Project Number: P224113
Council District: F
Location: Havre de Grace
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Assessment

FY 24: Construction

Assessment of the bulkhead at Tydings Island is underway. Future funding requests will be based upon any repairs identified by the assessment.

PROJECT DESCRIPTION:

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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	40,000	200,000	240,000			250,000			490,000
Land Acquisition			0						0
Construction		315,000	315,000		500,000	250,000		500,000	1,565,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	40,000	515,000	555,000	0	500,000	500,000	0	500,000	2,055,000

FUNDING SCHEDULE

R3399 State Other	40,000	515,000	555,000		500,000	500,000		500,000	2,055,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	40,000	515,000	555,000	0	500,000	500,000	0	500,000	2,055,000



Cedar Lane Park Improvements

Project Number: New
Council District: C
Location: Bel Air, MD
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

FY 24 funds to accept donor contributions for Cedar Lane Park improvements.

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project provides appropriation authority for the improvements and amenities at the regional field sports park.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		3,000,000	3,000,000	1,500,000					4,500,000
Total Cost:	0	3,000,000	3,000,000	1,500,000	0	0	0	0	4,500,000

FUNDING SCHEDULE

R6999 Other		3,000,000	3,000,000	1,500,000					4,500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	3,000,000	3,000,000	1,500,000	0	0	0	0	4,500,000



Edgewood Recreation Park

PARKS AND RECREATION

Project Number: P194105
Council District: A
Location: Edgewood
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$19,811



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project proposes repairs and future improvements to the park. A second football field and a large parking lot have been constructed. Later improvements will focus on this western area of the park. The passive amenities, such as trails and picnic pavilions, will benefit the community and contribute to the revitalization of the area. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	50,000	450,000	500,000			150,000			650,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	50,000	450,000	500,000	0	0	150,000	0	0	650,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000	100,000	150,000			150,000			300,000
R3380 Prog. Open Sp.		350,000	350,000						350,000
			0						0
			0						0
			0						0
Total Cost:	50,000	450,000	500,000	0	0	150,000	0	0	650,000



Emily Bayless Graham Park

PARKS AND RECREATION

Project Number: P124120
Council District: B
Location: Emmorton
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$2,007,293



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Stabilization and weatherization of the outbuildings. The farmhouse has been stabilized and weatherized.

PROJECT DESCRIPTION:

Emily Bayless 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 natural trails, picnic pavilions, and opportunities for the public to learn about the history of the site and the surrounding community. Preservation of this tract will provide critically needed public open space in the heart of the County's development envelope. Additional residential growth is anticipated in the area and will generate demand for parks. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	495,000		495,000						495,000
Land Acquisition			0						0
Construction	2,840,000	250,000	3,090,000		750,000				3,840,000
Inspection Fees	60,000		60,000						60,000
Equipment/Furnishing			0						0
Total Cost:	3,395,000	250,000	3,645,000	0	750,000	0	0	0	4,395,000

FUNDING SCHEDULE

R6999 Other	1,275,000		1,275,000		500,000				1,775,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax	1,047,500	250,000	1,297,500		250,000				1,547,500
R3380 Prog. Open Sp.	922,500		922,500						922,500
			0						0
Total Cost:	3,395,000	250,000	3,645,000	0	750,000	0	0	0	4,395,000



Equestrian Center Improvements

PARKS AND RECREATION

Project Number: P114124
Council District: B
Location: Bel Air
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$406,685



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Installation of misting system for the show rings at the Center
 The barn residing project is underway.

PROJECT DESCRIPTION:

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. Prior funding was used to replace the roofs, livestock barns, and some electrical improvements. Future projects under consideration include additional onsite parking. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	50,000	365,000	415,000						415,000
Land Acquisition			0						0
Construction	586,000		586,000		300,000		250,000		1,136,000
Inspection Fees	14,000		14,000						14,000
Equipment/Furnishing			0						0
Total Cost:	650,000	365,000	1,015,000	0	300,000	0	250,000	0	1,565,000

FUNDING SCHEDULE

R6999 Other	125,000		125,000		150,000				275,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax	375,000	365,000	740,000		150,000				890,000
R7000 Future Bonds			0				250,000		250,000
			0						0
Total Cost:	650,000	365,000	1,015,000	0	300,000	0	250,000	0	1,565,000



Facility Repairs and Renovations

PARKS AND RECREATION

Project Number: P184114
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$580,485



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Construction including window replacement at the Parks and Recreation main office and park sign replacement as funding is available.

PROJECT DESCRIPTION:

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 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	789,000	100,000	889,000	100,000	150,000	150,000	150,000	200,000	1,639,000
Inspection Fees	10,000		10,000						10,000
Equipment/Furnishing			0						0
Total Cost:	799,000	100,000	899,000	100,000	150,000	150,000	150,000	200,000	1,649,000

FUNDING SCHEDULE

R1515 Recordation Tax	699,000	100,000	799,000	100,000	150,000	150,000	150,000	200,000	1,549,000
R6999 Other	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Cost:	799,000	100,000	899,000	100,000	150,000	150,000	150,000	200,000	1,649,000



Heavenly Waters Park - Soma

PARKS AND RECREATION

Project Number: P164116
Council District: B
Location: Benson
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$99,790



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Engineering

FY 23: Construction

Engineering for the passive park design is underway.

PROJECT DESCRIPTION:

This project proposes the development of a passive park on the Soma area of Heavenly Waters Park. The County completed the repurchase of 25 acres on the site. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000	100,000	200,000				100,000		300,000
Land Acquisition			0						0
Construction	95,000		95,000	600,000			250,000		945,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost:	200,000	100,000	300,000	600,000	0	0	350,000	0	1,250,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
R1515 Recordation Tax	100,000	100,000	200,000	250,000			150,000		600,000
R3380 Prog. Open Space			0	350,000			200,000		550,000
			0						0
			0						0
Total Cost:	200,000	100,000	300,000	600,000	0	0	350,000	0	1,250,000



Norrisville Park

PARKS AND RECREATION

Project Number: P204117
Council District: D
Location: Norrisville
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$110,835



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Engineering is underway.
 FY 22: Phase 1 park construction coordinated with
 DPW - Highways.

PROJECT DESCRIPTION:

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 2020 with construction in FY 2022. Future improvements will include additional fields, parking, restrooms, a picnic pavilion, and playground. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	125,000		125,000						125,000
Land Acquisition			0						0
Construction	1,250,000	300,000	1,550,000			550,000			2,100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,375,000	300,000	1,675,000	0	0	550,000	0	0	2,225,000

FUNDING SCHEDULE

R1515 Recordation Tax	625,000	300,000	925,000			250,000			1,175,000
R3380 Prog. Open Sp.	750,000		750,000			300,000			1,050,000
			0						0
			0						0
			0						0
Total Cost:	1,375,000	300,000	1,675,000	0	0	550,000	0	0	2,225,000



Northern Regional Park

PARKS AND RECREATION

Project Number: P134110
Council District: D
Location: Whiteford
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$458,454



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Engineering

FY 24: Phase I Construction

PROJECT DESCRIPTION:

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. Design of the project is scheduled in 2023. The initial phase of the project will focus on outdoor facilities. A future phase of the project development will include an indoor recreation facility. This project supports the goals and objectives of the 2018 Land Preservation Parks and Recreation plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000		250,000					500,000	750,000
Land Acquisition	575,000		575,000						575,000
Construction		1,250,000	1,250,000						1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	825,000	1,250,000	2,075,000	0	0	0	0	500,000	2,575,000

FUNDING SCHEDULE

R8750 Paygo	75,000		75,000						75,000
R3380 Prog. Open Sp.	500,000	750,000	1,250,000						1,250,000
R7000 Future Bonds			0					500,000	500,000
R1515 Recordation Tax	250,000	500,000	750,000						750,000
			0						0
Total Cost:	825,000	1,250,000	2,075,000	0	0	0	0	500,000	2,575,000



Oakington Peninsula System

PARKS AND RECREATION

Project Number: P224115
Council District: F
Location: Havre de Grace
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$32,600



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

The master plan process for the Oakington Peninsula Park system will begin in 2022.
 FY 22: Master Study

PROJECT DESCRIPTION:

This project proposes engineering and construction for development of the Oakington Peninsula Park System. These properties include Swan Harbor Farms, Eleanor and Millard Tydings Park, and the entire peninsula. Future park improvements to occur as funding is available. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	400,000	150,000	550,000					500,000	1,050,000
Land Acquisition			0						0
Construction			0	1,000,000		1,000,000		2,000,000	4,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	400,000	150,000	550,000	1,000,000	0	1,000,000	0	2,500,000	5,050,000

FUNDING SCHEDULE

R1515 Recordation Tax	400,000	150,000	550,000						550,000
R3380 Prog. Open Sp.			0						0
R7000 Future Bonds			0	1,000,000		1,000,000		2,500,000	4,500,000
			0						0
			0						0
Total Cost:	400,000	150,000	550,000	1,000,000	0	1,000,000	0	2,500,000	5,050,000



Outdoor AED Construction

PARKS AND RECREATION

Project Number: P234127
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Construction and installation of outdoor AED boxes.

PROJECT DESCRIPTION:

This project proposes installation of outdoor AED machines at various County park sites. Funding from this account will be used to provide, serve, and where necessary, support small structures for outdoor AED boxes and machines. Parks and Recreation, working with the Department of Emergency Services, has installed several outdoor AED machines at park sites to date. These machines are secure and when an emergency occurs, the Emergency Operations Center provides the necessary code to open the box and access the AED. This project supports the goals and objectives of the 2018 Land Preservations, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	30,000	30,000	60,000	30,000	30,000	30,000	30,000	50,000	230,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	30,000	30,000	60,000	30,000	30,000	30,000	30,000	50,000	230,000

FUNDING SCHEDULE

R1515 Recordation Tax	30,000	30,000	60,000	30,000	30,000	30,000	30,000	50,000	230,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	30,000	30,000	60,000	30,000	30,000	30,000	30,000	50,000	230,000



Park Improvements

PARKS AND RECREATION

Project Number: P184118
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$170,866



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23-28: Construction

PROJECT DESCRIPTION:

This project proposes the installation of many small projects throughout the County to include, but not limited to, tree and shrub planting, picnic tables, grills, etc. FY 23-28 funds will provide for Recreation Council projects as needs occur through the Department's Small Project Program. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	255,000	50,000	305,000	50,000	50,000	50,000	50,000	70,000	575,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	255,000	50,000	305,000	50,000	50,000	50,000	50,000	70,000	575,000

FUNDING SCHEDULE

R1515 Recordation Tax	225,000	50,000	275,000	50,000	50,000	50,000	50,000	70,000	545,000
R6330 Developer	30,000		30,000						30,000
			0						0
			0						0
			0						0
Total Cost:	255,000	50,000	305,000	50,000	50,000	50,000	50,000	70,000	575,000



Parking Lot Paving

PARKS AND RECREATION

Project Number: P124124
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,066,083

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	10,000		10,000						10,000
Land Acquisition			0						0
Construction	1,489,000	150,000	1,639,000	175,000	175,000	175,000	175,000	175,000	2,514,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost:	1,549,000	150,000	1,699,000	175,000	175,000	175,000	175,000	175,000	2,574,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,549,000	150,000	1,699,000	175,000	175,000	175,000	175,000	175,000	2,574,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,549,000	150,000	1,699,000	175,000	175,000	175,000	175,000	175,000	2,574,000



Parkland Acquisition

PARKS AND RECREATION

Project Number: P104117
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures: X
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$9,110,605



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Property acquisition.

PROJECT DESCRIPTION:

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 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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	225,000	75,000	300,000	75,000	100,000	100,000	100,000	100,000	775,000
Land Acquisition	14,791,000	2,000,000	16,791,000	1,600,000	1,600,000	1,600,000	1,750,000	1,750,000	25,091,000
Construction			0						0
Inspection Fees	80,000		80,000						80,000
Equipment/Furnishing			0						0
Total Cost:	15,096,000	2,075,000	17,171,000	1,675,000	1,700,000	1,700,000	1,850,000	1,850,000	25,946,000

FUNDING SCHEDULE

R1515 Recordation Tax	990,000	75,000	1,065,000	75,000	100,000	100,000	100,000	100,000	1,540,000
R3380 Program Open Space	14,106,000	2,000,000	16,106,000	1,600,000	1,600,000	1,600,000	1,750,000	1,750,000	24,406,000
			0						0
			0						0
			0						0
Total Cost:	15,096,000	2,075,000	17,171,000	1,675,000	1,700,000	1,700,000	1,850,000	1,850,000	25,946,000



Perryman Park Development

PARKS AND RECREATION

Project Number: P214113
Council District: F
Location: Perryman
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$100,641



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Engineering is underway.

PROJECT DESCRIPTION:

This project provides for the further development of Perryman Park. The park currently has a dredged material placement site with a walking trail. The development of the site includes fields, additional parking, walking trails, and other amenities on the area south of the DMP site to serve Belcamp and the Perryman communities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	120,000		120,000						120,000
Land Acquisition			0						0
Construction		730,000	730,000	800,000					1,530,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	120,000	730,000	850,000	800,000	0	0	0	0	1,650,000

FUNDING SCHEDULE

R1515 Recordation Tax	120,000	230,000	350,000	400,000					750,000
R3380 Prog. Open Sp.		500,000	500,000	400,000					900,000
			0						0
			0						0
			0						0
Total Cost:	120,000	730,000	850,000	800,000	0	0	0	0	1,650,000



Playground Equipment

PARKS AND RECREATION

Project Number: P104118
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$2,897,351



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Engineering and construction for renovation of Annie's Playground and Lyn Stacie Getz Playground is underway.

FY 23-28: Installation

PROJECT DESCRIPTION:

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 schools 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 may 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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	77,500		77,500						77,500
Land Acquisition			0						0
Construction	6,217,500	175,000	6,392,500	150,000	400,000	500,000	500,000	500,000	8,442,500
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost:	6,325,000	175,000	6,500,000	150,000	400,000	500,000	500,000	500,000	8,550,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,936,000	150,000	2,086,000	150,000	200,000	250,000	250,000	250,000	3,186,000
R6330 Developer	615,000		615,000						615,000
R6999 Other	190,000	25,000	215,000						215,000
R3380 Prog. Open Sp.	584,000		584,000		200,000	250,000	250,000	250,000	1,534,000
R3399 State Other	3,000,000		3,000,000						3,000,000
Total Cost:	6,325,000	175,000	6,500,000	150,000	400,000	500,000	500,000	500,000	8,550,000



Swan Harbor Farm Improvements

PARKS AND RECREATION

Project Number: P154113
Council District: F
Location: Havre de Grace
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$672,192

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

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 areas. 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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	714,000	50,000	764,000	50,000	50,000	50,000	50,000	50,000	1,014,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing	80,000		80,000						80,000
Total Cost:	814,000	50,000	864,000	50,000	50,000	50,000	50,000	50,000	1,114,000

FUNDING SCHEDULE

R8750 Paygo P&R Fund	655,000	50,000	705,000	50,000	50,000	50,000	50,000	50,000	955,000
R1515 Recordation Tax	60,000		60,000						60,000
R3399 State Other	99,000		99,000						99,000
			0						0
			0						0
Total Cost:	814,000	50,000	864,000	50,000	50,000	50,000	50,000	50,000	1,114,000



Tennis, Multipurpose and Pickleball Courts

PARKS AND RECREATION

Project Number: P114123
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,480,098



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Repairs will occur at several school and park sites in the County.

PROJECT DESCRIPTION:

This project proposes the repair, resurfacing and reconstruction of tennis, multipurpose, and pickleball 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 Schools. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,960,000	150,000	2,110,000	150,000	150,000	150,000	150,000	200,000	2,910,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,960,000	150,000	2,110,000	150,000	150,000	150,000	150,000	200,000	2,910,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,610,000	150,000	1,760,000	150,000	150,000	150,000	150,000	200,000	2,560,000
R3380 Prog. Open Sp.	350,000		350,000						350,000
			0						0
			0						0
			0						0
Total Cost:	1,960,000	150,000	2,110,000	150,000	150,000	150,000	150,000	200,000	2,910,000



Trails and Linear Parks

PARKS AND RECREATION

Project Number: P124126
Council District: Multiple
Location: Various
Est. Debt Service: \$147,000 (annual)

Operating Budget Impact
Revenues:
Expenditures: X
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:
 \$5,464,049

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

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. Construction will occur as funds are available. Future projects are under consideration as funding allows. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations. Prior Bonds reallocated from Emergency Operations Center capital project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	245,000		245,000						245,000
Land Acquisition	55,000		55,000						55,000
Construction	17,300,000	2,000,000	19,300,000	1,250,000	1,000,000	1,500,000	2,950,000	2,950,000	28,950,000
Inspection Fees	600,000		600,000						600,000
Equipment/Furnishing			0						0
Total Cost:	18,200,000	2,000,000	20,200,000	1,250,000	1,000,000	1,500,000	2,950,000	2,950,000	29,850,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,325,000		1,325,000	250,000		250,000			1,825,000
R8750 Paygo	75,000		75,000						75,000
R3140 Federal TAP	7,000,000		7,000,000						7,000,000
R6999 Other	2,250,000		2,250,000						2,250,000
R8753 Paygo Hotel Tax	1,750,000		1,750,000						1,750,000
R7100 Prior Bonds	5,000,000		5,000,000						5,000,000
R3380 Prog. Open Sp.	700,000		700,000			250,000			950,000
R3399 State Other	100,000		100,000						100,000
R7000 Future Bonds		2,000,000	2,000,000	1,000,000	1,000,000	1,000,000	2,950,000	2,950,000	10,900,000
Total Cost:	18,200,000	2,000,000	20,200,000	1,250,000	1,000,000	1,500,000	2,950,000	2,950,000	29,850,000



Vale Road Park

PARKS AND RECREATION

Project Number: P224117
Council District: B
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$124,645



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Engineering is underway.

PROJECT DESCRIPTION:

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 related amenities. Future projects will include a 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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	125,000	100,000	225,000						225,000
Land Acquisition			0						0
Construction		200,000	200,000	1,800,000					2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	125,000	300,000	425,000	1,800,000	0	0	0	0	2,225,000

FUNDING SCHEDULE

R1515 Recordation Tax	125,000	300,000	425,000	300,000					725,000
R3380 Prog. Open Sp.			0	500,000					500,000
R7000 Future Bonds			0	1,000,000					1,000,000
			0						0
			0						0
Total Cost:	125,000	300,000	425,000	1,800,000	0	0	0	0	2,225,000

OUTYEAR PROJECTS

FY 25 - FY 29



ADA Improvements

PARKS AND RECREATION

Project Number: P144120
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$310,323



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Engineering and construction

PROJECT DESCRIPTION:

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. This project will provide funding for the necessary engineering and construction to improve older facilities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	470,000		470,000	100,000	140,000	140,000	140,000	140,000	1,130,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	470,000	0	470,000	100,000	140,000	140,000	140,000	140,000	1,130,000

FUNDING SCHEDULE

R1515 Recordation Tax	350,000		350,000	75,000	140,000	140,000	140,000	140,000	985,000
R6999 Other	120,000		120,000	25,000					145,000
			0						0
			0						0
			0						0
Total Cost:	470,000	0	470,000	100,000	140,000	140,000	140,000	140,000	1,130,000



Anita C. Leight Improvements

PARKS AND RECREATION

Project Number: P104119
Council District: A
Location: Abingdon
Est. Debt Service: \$2,790 (annual)

Expended/Encumbered as of 1/9/23:

\$652,256



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Storage building for programs, boats and materials; renovations and repairs to park trails, bridges, and stairways

PROJECT DESCRIPTION:

The Anita C. Leight Center will be requiring maintenance work and improvements in upcoming years. Prior funding has been used for improvements to the roadway leading to the Center's boat launch and engineering for parking lot repairs. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	190,000		190,000						190,000
Land Acquisition			0						0
Construction	845,000		845,000		300,000				1,145,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost:	1,055,000	0	1,055,000	0	300,000	0	0	0	1,355,000

FUNDING SCHEDULE

R1515 Recordation Tax	665,000		665,000		300,000				965,000
R6999 Other	200,000		200,000						200,000
R3380 Program Open Space	90,000		90,000						90,000
R3399 State Other	100,000		100,000						100,000
			0						0
Total Cost:	1,055,000	0	1,055,000	0	300,000	0	0	0	1,355,000



Backstop Renovations

PARKS AND RECREATION

Project Number: P124119
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$23,941



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Renovation of backstops

PROJECT DESCRIPTION:

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. The project continues a long-term effort to renovate these facilities. 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 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000	50,000	65,000	40,000	65,000	65,000	555,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	270,000	0	270,000	50,000	65,000	40,000	65,000	65,000	555,000

FUNDING SCHEDULE

R1515 Recordation Tax	155,000		155,000	30,000	40,000	40,000	65,000	65,000	395,000
R6999 Other	115,000		115,000	20,000	25,000				160,000
			0						0
			0						0
			0						0
Total Cost:	270,000	0	270,000	50,000	65,000	40,000	65,000	65,000	555,000



Benson Field Development

PARKS AND RECREATION

Project Number: P224112
Council District: B
Location: Benson
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$98,050



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Engineering and design
 FY 23: Construction
 Engineering for the Benson Fields project is underway.

PROJECT DESCRIPTION:

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, storage buildings, and picnic pavilions will be provided on the site. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction			0			175,000		700,000	875,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	100,000	0	100,000	0	0	175,000	0	700,000	975,000

FUNDING SCHEDULE

R1515 Recordation Tax	100,000		100,000			175,000		350,000	625,000
R3380 Program Open Space			0					350,000	350,000
			0						0
			0						0
			0						0
Total Cost:	100,000	0	100,000	0	0	175,000	0	700,000	975,000



Blake's Venture Park

PARKS AND RECREATION

Project Number: New
Council District: D
Location: Forest Hill
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 25: Engineering and design
 FY 27: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

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 recreation facilities to serve the needs of the Forest Hill community. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0	100,000					100,000
Land Acquisition			0						0
Construction			0			1,000,000			1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	100,000	0	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
Total Cost:	0	0	0	100,000	0	1,000,000	0	0	1,100,000



Bleacher Renovations

PARKS AND RECREATION

Project Number: P094123
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$155,697



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Installation of grandstand bleacher seating at Wade Tucker II field

FY 25-27: Purchase and installation of bleacher units

New bleacher units are purchased on an as needed basis.

PROJECT DESCRIPTION:

This project proposes the replacement of existing bleachers which do not meet current safety standards. 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 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	590,000		590,000	80,000			150,000	150,000	970,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	590,000	0	590,000	80,000	0	0	150,000	150,000	970,000

FUNDING SCHEDULE

R1515 Recordation Tax	360,000		360,000	40,000			100,000	100,000	600,000
R6999 Other	230,000		230,000	40,000			50,000	50,000	370,000
			0						0
			0						0
			0						0
Total Cost:	590,000	0	590,000	80,000	0	0	150,000	150,000	970,000



Bush River Dredging and DMP Site

PARKS AND RECREATION

Project Number: P184111
Council District: Multiple
Location: Abingdon
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$990,000

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

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. Prior funding was used for engineering to determine the need for future dredging. A large portion of the project will be funded by the Department of Natural Resources (DNR), Waterway Improvement Program. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000			100,000	50,000		250,000
Land Acquisition			0						0
Construction	900,000		900,000				800,000		1,700,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost:	1,040,000	0	1,040,000	0	0	100,000	850,000	0	1,990,000

FUNDING SCHEDULE

R1515 Recordation Tax	40,000		40,000			100,000	50,000		190,000
R3399 State Other	1,000,000		1,000,000				800,000		1,800,000
			0						0
			0						0
			0						0
Total Cost:	1,040,000	0	1,040,000	0	0	100,000	850,000	0	1,990,000



Canoe and Kayak Access

PARKS AND RECREATION

Project Number: P164113
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$685,268



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Launch site and design; Walters Mill site is complete.

PROJECT DESCRIPTION:

This project proposes construction of canoe and kayak launches along various waterways throughout the County. The first sites, Benjamin's Bridge and Walters Mill are located on Deer Creek. Previous funding was used for a feasibility study to identify launch sites for a water trail along 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. The project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000		250,000				125,000		375,000
Land Acquisition			0						0
Construction	1,040,000		1,040,000		250,000		200,000	125,000	1,615,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost:	1,330,000	0	1,330,000	0	250,000	0	325,000	125,000	2,030,000

FUNDING SCHEDULE

R6999 Other	300,000		300,000				100,000		400,000
R1515 Recordation Tax	680,000		680,000		100,000		100,000	125,000	1,005,000
R3399 State Other	350,000		350,000		150,000		125,000		625,000
			0						0
			0						0
Total Cost:	1,330,000	0	1,330,000	0	250,000	0	325,000	125,000	2,030,000



Chapel Road Park Improvements

PARKS AND RECREATION

Project Number: New
Council District: F
Location: Havre de Grace
Est. Debt Service: (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project proposes improvements to Chapel Road Park in Havre de Grace. The park was developed in 2010 and includes four multipurpose fields, a walking trail, and parking. Future improvements could include a playground, bathroom/storage building, parking lot lighting, and other park amenities. This project supports the goals and objectives of the 2018 Land Preservation, Parks, and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0				200,000	200,000	400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	0	200,000	200,000	400,000

FUNDING SCHEDULE

R1515 Recordation Tax			0				200,000	200,000	400,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	200,000	200,000	400,000



Debris/Derelict Boats

PARKS AND RECREATION

Project Number: P144121
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project is open and ongoing.

PROJECT DESCRIPTION:

This project proposes the removal of abandoned boats and debris, as necessary, in navigable waterways in Harford County, Maryland. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	100,000		100,000		100,000				200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	100,000	0	100,000	0	100,000	0	0	0	200,000

FUNDING SCHEDULE

R3399 State Other	100,000		100,000		100,000				200,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	100,000	0	100,000	0	100,000	0	0	0	200,000



Demarco Memorial Park Improvements

PARKS AND RECREATION

Project Number: P174109
Council District: E
Location: Aberdeen
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project is for improvements to the fencing at Demarco Memorial Park along Route 22. Future road plans call for the expansion of Route 22 in the area of Demarco Memorial Park. This project is for the installation of a 20 foot high fence along the stretch of the park that faces Route 22. This will reduce safety issues between the park and Route 22 and will minimize the amount of balls that may leave the park and land on Route 22. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	40,000		40,000			100,000			140,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	40,000	0	40,000	0	0	100,000	0	0	140,000

FUNDING SCHEDULE

R6999 Other	20,000		20,000			50,000			70,000
R1515 Recordation Tax	20,000		20,000			50,000			70,000
			0						0
			0						0
			0						0
Total Cost:	40,000	0	40,000	0	0	100,000	0	0	140,000



Disc Golf Course

PARKS AND RECREATION

Project Number: P144122
Council District: E
Location: Churchville
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$46,791

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

This project proposes future design and construction of an 18 hole disc golf course at a Parks and Recreation facility. Additionally, this project would be used to repair existing disc golf courses as needed and when funding is available. Disc golf is a fast growing sport that allows participation of all ages and skill levels. Future course sites will be considered on a site by site basis. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	3,000		3,000						3,000
Land Acquisition			0						0
Construction	45,000		45,000	50,000					95,000
Inspection Fees	2,000		2,000						2,000
Equipment/Furnishing			0						0
Total Cost:	50,000	0	50,000	50,000	0	0	0	0	100,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000	50,000					100,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	50,000	0	50,000	50,000	0	0	0	0	100,000



Dog Park Construction & Improvements

PARKS AND RECREATION

Project Number: P204116
Council District: Multiple
Location: Various
Est. Debt Service: N/A (annual)

Expended/Encumbered as of 1/9/23:

\$588,998



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Renovation to Tollgate Dog Park
 Renovations for the Tollgate Dog Park will occur in 2022.

PROJECT DESCRIPTION:

This project proposes construction, renovations, and equipment improvements for dog parks throughout the County. The County currently has three locations with identified off-leash dog parks. These facilities are increasingly popular and funding for this project can be used to create new off-leash dog parks, as well as enhance and improve existing dog parks with equipment and amenities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	15,000		15,000						15,000
Land Acquisition			0						0
Construction	658,500		658,500	90,000		100,000	100,000		948,500
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	673,500	0	673,500	90,000	0	100,000	100,000	0	963,500

FUNDING SCHEDULE

R1515 Recordation Tax	340,000		340,000	90,000		100,000	100,000		630,000
R3380 Program Open Space	333,500		333,500						333,500
			0						0
			0						0
			0						0
Total Cost:	673,500	0	673,500	90,000	0	100,000	100,000	0	963,500



Eden Mill Park Rehabilitation

PARKS AND RECREATION

Project Number: P104113
Council District: D
Location: Pylesville
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$837,625



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Engineering for dam and canoe/kayak renovations

FY 24: Renovations for dam and canoe/kayak launch

Engineering for the dam renovations are underway.

PROJECT DESCRIPTION:

This project continues renovations and improvements to Eden Mill, including renovations to the dam and canoe/kayak launch. 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. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	50,000		50,000			125,000			175,000
Land Acquisition			0						0
Construction	1,155,000		1,155,000	500,000			500,000		2,155,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost:	1,255,000	0	1,255,000	500,000	0	125,000	500,000	0	2,380,000

FUNDING SCHEDULE

R6999 Other	300,000		300,000						300,000
R1515 Recordation Tax	955,000		955,000	250,000		125,000	500,000		1,830,000
R3380 Program Open Space			0	250,000					250,000
			0						0
			0						0
Total Cost:	1,255,000	0	1,255,000	500,000	0	125,000	500,000	0	2,380,000



Edgeley Grove Farm

PARKS AND RECREATION

Project Number: P184113
Council District: B
Location: Benson
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$67,209



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project proposes the construction and renovation of recreation facilities in Edgeley Grove Farm. Future development of active recreation facilities including additional parking will occur as funding is available. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	5,000		5,000	150,000					155,000
Land Acquisition			0						0
Construction	130,000		130,000			750,000			880,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost:	140,000	0	140,000	150,000	0	750,000	0	0	1,040,000

FUNDING SCHEDULE

R1515 Recordation Tax	140,000		140,000	150,000		500,000			790,000
R3380 Prog. Open Sp.			0			250,000			250,000
			0						0
			0						0
			0						0
Total Cost:	140,000	0	140,000	150,000	0	750,000	0	0	1,040,000



Emmorton Recreation and Tennis Center Improvements

PARKS AND RECREATION

Project Number: P114121
Council District: C
Location: Emmorton
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,435,045



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Improvements to the Activity Center including the bathrooms and gymnasiums. Lighting upgrades are complete at the Center.

PROJECT DESCRIPTION:

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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

Reappropriated Recordation Tax reallocated from the McFaul Activity Center capital project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	2,009,000		2,009,000		400,000			400,000	2,809,000
Inspection Fees	36,000		36,000						36,000
Equipment/Furnishing			0						0
Total Cost:	2,195,000	0	2,195,000	0	400,000	0	0	400,000	2,995,000

FUNDING SCHEDULE

R6330 Developer	139,500		139,500						139,500
R6999 Other	230,500		230,500						230,500
R1515 Recordation Tax	1,525,000		1,525,000		250,000			200,000	1,975,000
R3380 Prog. Open Sp.	200,000		200,000		150,000			200,000	550,000
R8750 Paygo P&R Fund	100,000		100,000						100,000
Total Cost:	2,195,000	0	2,195,000	0	400,000	0	0	400,000	2,995,000



Enlarged Gymnasiums & Joint Facilities

PARKS AND RECREATION

Project Number: P154110
Council District: Multiple
Location: Various
Est. Debt Service: \$25,200 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,200,000



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 27: Homestead/Wakefield Elementary
 FY 29: John Archer School

PROJECT DESCRIPTION:

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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,200,000		1,200,000	0		700,000		750,000	2,650,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,200,000	0	1,200,000	0	0	700,000	0	750,000	2,650,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R7000 Future Bonds			0	0		700,000		750,000	1,450,000
			0						0
			0						0
			0						0
Total Cost:	1,200,000	0	1,200,000	0	0	700,000	0	750,000	2,650,000



Flying Point Park Improvements

PARKS AND RECREATION

Project Number: P164114
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$496,167



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Renovation of the office/bathroom building is underway.

PROJECT DESCRIPTION:

This project proposes renovation of the office and bathroom building at Flying Point Park. Previous work was completed on the boat launch. This project supports the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	60,000		60,000						60,000
Land Acquisition			0						0
Construction	979,000		979,000		150,000				1,129,000
Inspection Fees	14,000		14,000						14,000
Equipment/Furnishing			0						0
Total Cost:	1,053,000	0	1,053,000	0	150,000	0	0	0	1,203,000

FUNDING SCHEDULE

R1515 Recordation Tax	455,000		455,000		150,000				605,000
R3399 State Other	198,000		198,000						198,000
R3380 Prog. Open Sp.	400,000		400,000						400,000
			0						0
			0						0
Total Cost:	1,053,000	0	1,053,000	0	150,000	0	0	0	1,203,000



Graybeal Fields

PARKS AND RECREATION

Project Number: New
Council District: C
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 25: Storage facility construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

A new elementary school was 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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0	125,000					125,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	125,000	0	0	0	0	125,000

FUNDING SCHEDULE

R1515 Recordation Tax			0	125,000					125,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	125,000	0	0	0	0	125,000



Gunpowder River Dredging

PARKS AND RECREATION

Project Number: P124121
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,791,801



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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.

This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	550,000		550,000		250,000				800,000
Land Acquisition			0						0
Construction	1,550,000		1,550,000			1,200,000			2,750,000
Inspection Fees	134,000		134,000						134,000
Equipment/Furnishing			0						0
Total Cost:	2,234,000	0	2,234,000	0	250,000	1,200,000	0	0	3,684,000

FUNDING SCHEDULE

R3399 State Other	1,720,000		1,720,000		150,000	1,200,000			3,070,000
R1515 Recordation Tax	514,000		514,000		100,000				614,000
			0						0
			0						0
			0						0
Total Cost:	2,234,000	0	2,234,000	0	250,000	1,200,000	0	0	3,684,000



Gymnasium Floor Repair and Renovation

PARKS AND RECREATION

Project Number: P184117
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
\$43,335



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project will provide funding for repair and renovation of existing gymnasium floors at Parks and Recreation building center locations throughout the County. Funding may be available from fellow County agencies, as well as Recreation Council partners. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	210,000		210,000	50,000	50,000	50,000			360,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	210,000	0	210,000	50,000	50,000	50,000	0	0	360,000

FUNDING SCHEDULE

R1515 Recordation Tax	115,000		115,000	25,000	25,000	25,000			190,000
R6999 Other	95,000		95,000	25,000	25,000	25,000			170,000
			0						0
			0						0
			0						0
Total Cost:	210,000	0	210,000	50,000	50,000	50,000	0	0	360,000



Jarrettsville Recreation Complex/Center

PARKS AND RECREATION

Project Number: P154111
Council District: D
Location: Jarrettsville
Est. Debt Service: \$88,200 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$426,872



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Engineering/design for the recreation center.
 Construction of walking trail will occur in 2022.

PROJECT DESCRIPTION:

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. Future site amenities include a picnic pavilion and walking trails. This supports the goals and objectives of the 2018 Lane Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,710,775		1,710,775					150,000	1,860,775
Land Acquisition			0						0
Construction	3,000,000		3,000,000	1,000,000					4,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,710,775	0	4,710,775	1,000,000	0	0	0	150,000	5,860,775

FUNDING SCHEDULE

R8750 Paygo	425,000		425,000						425,000
R7000 Future Bonds			0	1,000,000					1,000,000
R1515 Recordation Tax	85,775		85,775					150,000	235,775
R7100 Prior Bonds	4,200,000		4,200,000						4,200,000
R3380 Prog. Open Sp.			0						0
Total Cost:	4,710,775	0	4,710,775	1,000,000	0	0	0	150,000	5,860,775



Joppatowne Community Center

PARKS AND RECREATION

Project Number: P234126
Council District: A
Location: Joppatowne
Est. Debt Service: \$10,500 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Land Acquisition

FY 24-29: Engineering & Construction

PROJECT DESCRIPTION:

This project will provide funding for a multipurpose center to serve leisure needs for all ages in the Joppa/Joppatowne community. The center will be utilized by the Office on Aging as a Senior Center and by the Department of Parks and Recreation for a variety of community recreation activities. Engineering and design for the project is scheduled to begin in FY 2023. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2018 Land Preservation Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0						0
Construction			0	9,000,000					9,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	500,000	0	500,000	9,000,000	0	0	0	0	9,500,000

FUNDING SCHEDULE

R7100 Prior Bonds	500,000		500,000						500,000
R7000 Future Bonds			0	9,000,000					9,000,000
			0						0
			0						0
			0						0
Total Cost:	500,000	0	500,000	9,000,000	0	0	0	0	9,500,000



Mariner Point Park - DMP Site Remediation

PARKS AND RECREATION

Project Number: P204130
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$862,780



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Construction

PROJECT DESCRIPTION:

This project proposes the remediation of the dredged material placement site at Mariner Point Park to support future dredging projects on Joppatowne waterways. The DMP site at Mariner Point Park has reached its capacity. The necessity of continued maintenance dredging projects in the future requires capacity that is created at the current site. The project includes repaving of the parking lots and access roads at Mariner Point Park. The majority of the funding for this project will come from the Waterway Improvement Fund administered by the Department of Natural Resources. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000					100,000	200,000
Land Acquisition			0						0
Construction	1,550,000		1,550,000					1,200,000	2,750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,650,000	0	1,650,000	0	0	0	0	1,300,000	2,950,000

FUNDING SCHEDULE

R3399 State Other	1,650,000		1,650,000					1,300,000	2,950,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,650,000	0	1,650,000	0	0	0	0	1,300,000	2,950,000



Prospect Mill Park

PARKS AND RECREATION

Project Number: P224116
Council District: E
Location: Fountain Green
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$142,914



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

FY 22: Renovation of the park walking trail system

PROJECT DESCRIPTION:

Harford County developed a 29.9 acre parcel to serve the outdoor recreation needs of the Hickory/Fountain Green area. Amenities such as a storage building, picnic pavilion, and playground will be constructed. Additional residential development is anticipated in this community. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	250,000		250,000		250,000	200,000			700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	0	250,000	0	250,000	200,000	0	0	700,000

FUNDING SCHEDULE

R1515 Recordation Tax	250,000		250,000		100,000	100,000			450,000
R3380 Program Open Space			0		150,000	100,000			250,000
			0						0
			0						0
			0						0
Total Cost:	250,000	0	250,000	0	250,000	200,000	0	0	700,000



Robert Copenhaver Park Improvements

PARKS AND RECREATION

Project Number: P144126
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$286,895



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Engineering and construction of walking trail improvements at the park site.

PROJECT DESCRIPTION:

This project will provide walking trail improvements to Robert Copenhaver Park for the Joppatowne community. Copenhaver Park is also a park site used by the Joppatowne football program. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000				250,000	250,000	770,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost:	300,000	0	300,000	0	0	0	250,000	250,000	800,000

FUNDING SCHEDULE

R1515 Recordation Tax	300,000		300,000				125,000	125,000	550,000
R3380 Prog. Open Sp.			0				125,000	125,000	250,000
			0						0
			0						0
			0						0
Total Cost:	300,000	0	300,000	0	0	0	250,000	250,000	800,000



Rockfield Park Improvements

PARKS AND RECREATION

Project Number: P124125
Council District: C
Location: Bel Air
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$86,272



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Renovations to the playground are complete.
 FY 22: Renovations to existing playground.

PROJECT DESCRIPTION:

This project proposes improvements to Rockfield Park. Future projects will be identified as needed. Funding for these projects will be in partnership with the Town of Bel Air. This project supports the goals and objectives of the 2018 Land Preservation, Parks & Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000		100,000				370,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	270,000	0	270,000	0	100,000	0	0	0	370,000

FUNDING SCHEDULE

R1515 Recordation Tax	85,000		85,000		50,000				135,000
R6999 Other	110,000		110,000		50,000				160,000
R3380 Prog. Open Sp.	75,000		75,000						75,000
			0						0
			0						0
Total Cost:	270,000	0	270,000	0	100,000	0	0	0	370,000



Schucks Road Regional Complex

PARKS AND RECREATION

Project Number: P064137
Council District: E
Location: Churchville
Est. Debt Service: \$53,130 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$6,037,616



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Wetlands mitigation monitoring is complete.

PROJECT DESCRIPTION:

This project proposes 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. Population growth in this area will create demand for additional recreation facilities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition	200,000		200,000						200,000
Construction	7,340,415		7,340,415				550,000		7,890,415
Inspection Fees	420,000		420,000						420,000
Equipment/Furnishing			0						0
Total Cost:	8,110,415	0	8,110,415	0	0	0	550,000	0	8,660,415

FUNDING SCHEDULE

R1515 Recordation Tax	2,070,000		2,070,000				300,000		2,370,000
R6999 Other	100,000		100,000						100,000
R7100 Prior Bonds	2,530,000		2,530,000						2,530,000
R8770 Reappropriated	1,454,415		1,454,415						1,454,415
R3380 Prog. Open Sp.	1,956,000		1,956,000				250,000		2,206,000
Total Cost:	8,110,415	0	8,110,415	0	0	0	550,000	0	8,660,415



SWM Pond Repair and Renovation

PARKS AND RECREATION

Project Number: P144127
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$669,778



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,025,000		1,025,000	150,000		150,000		150,000	1,475,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,025,000	0	1,025,000	150,000	0	150,000	0	150,000	1,475,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,025,000		1,025,000	150,000		150,000		150,000	1,475,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,025,000	0	1,025,000	150,000	0	150,000	0	150,000	1,475,000



Tollgate Woodshop

PARKS AND RECREATION

Project Number: P174110
Council District: C
Location: Bel Air
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$2,869



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project is for equipment replacement and security system upgrades at the woodshop located in Heavenly Waters Park. The woodshop opened in 2009 and has experienced significant use since opening its doors. Several of the larger mounted pieces of equipment are nearing the end of their useful life. This project will provide funding for replacement equipment as needed in the woodshop. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	5,000		5,000		45,000				50,000
Inspection Fees			0						0
Equipment/Furnishing	35,000		35,000						35,000
Total Cost:	40,000	0	40,000	0	45,000	0	0	0	85,000

FUNDING SCHEDULE

R1515 Recordation Tax	15,000		15,000		30,000				45,000
R6999 Other	25,000		25,000		15,000				40,000
			0						0
			0						0
			0						0
Total Cost:	40,000	0	40,000	0	45,000	0	0	0	85,000



Tudor Hall Rehabilitation

PARKS AND RECREATION

Project Number: New
Council District: E
Location: Churchville
Est. Debt Service: (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project proposes the renovation and repairs at Tudor Hall in Churchville. The house was built in the 1850's by Junius Booth. Renovations and repairs are necessary to keep up the building, home to the Junius Booth Society. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0				200,000	200,000	400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	0	200,000	200,000	400,000

FUNDING SCHEDULE

R1515 Recordation Tax			0				200,000	200,000	400,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	200,000	200,000	400,000



12 Stones Park

PARKS AND RECREATION

Project Number: P234129
Council District: F
Location: Creswell
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Engineering and design

FY 25: Construction

PROJECT DESCRIPTION:

This project proposes engineering and construction of active recreation facilities on a 23.5 acre property in Creswell. The parcel is relatively flat and well suited for baseball/softball diamonds, as well as multipurpose fields. This park will be utilized by the Emmorton Recreation Council. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction			0	1,500,000			250,000		1,750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	0	250,000	1,500,000	0	0	250,000	0	2,000,000

FUNDING SCHEDULE

R1515 Recordation Tax	250,000		250,000				250,000		500,000
R7000 Future Bonds			0	1,500,000					1,500,000
			0						0
			0						0
			0						0
Total Cost:	250,000	0	250,000	1,500,000	0	0	250,000	0	2,000,000

OPEN / ACTIVE PROJECTS



Aberdeen Activity Center

PARKS AND RECREATION

Project Number: P224111
Council District: E
Location: Aberdeen
Est. Debt Service: \$189,000 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$128,875



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 22: Engineering and design

FY 23-24: Construction

PROJECT DESCRIPTION:

This project will provide a multi-purpose center to serve leisure needs for all ages in the Aberdeen community. 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 2022 with construction beginning in FY 2023. State funding is anticipated from the Senior Center Programs. Populations growth will generate demand for additional facilities for all ages. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0						0
Construction	8,000,000		8,000,000						8,000,000
Inspection Fees			0						0
Equipment/Furnishing	500,000		500,000						500,000
Total Cost:	9,000,000	0	9,000,000	0	0	0	0	0	9,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	9,000,000		9,000,000						9,000,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
Total Cost:	9,000,000	0	9,000,000	0	0	0	0	0	9,000,000



Churchville Center Renovations

PARKS AND RECREATION

Project Number: P104112
Council District: E
Location: Churchville
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$378,509



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Engineering and construction for repairs to the small gym wall.

Renovations to the existing HVAC are complete.

PROJECT DESCRIPTION:

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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	720,000		720,000						720,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost:	875,000	0	875,000	0	0	0	0	0	875,000

FUNDING SCHEDULE

R1515 Recordation Tax	475,000		475,000						475,000
R6999 Other	200,000		200,000						200,000
R8750 Paygo	200,000		200,000						200,000
			0						0
			0						0
Total Cost:	875,000	0	875,000	0	0	0	0	0	875,000



Churchville Complex Development

PARKS AND RECREATION

Project Number: P054115
Council District: E
Location: Churchville
Est. Debt Service: \$150,713 (annual)

Expended/Encumbered as of 1/9/23:

\$7,990,784



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Design and construction of a natural trail at the complex

PROJECT DESCRIPTION:

This project proposes the further development of the Churchville Recreation Complex. This facility houses a variety of programs for the Churchville Recreation Council. Future projects will be addressed as needs are identified. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	405,000		405,000						405,000
Land Acquisition			0						0
Construction	7,971,830		7,971,830						7,971,830
Inspection Fees	240,000		240,000						240,000
Equipment/Furnishing			0						0
Total Cost:	8,616,830	0	8,616,830	0	0	0	0	0	8,616,830

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 Prog. Open Space	725,000		725,000						725,000
R1515 Recordation Tax	359,678		359,678						359,678
Total Cost:	8,616,830	0	8,616,830	0	0	0	0	0	8,616,830



Darlington Park Development

PARKS AND RECREATION

Project Number: P094124
Council District: D
Location: Darlington
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,512,731



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Construction of the gazebo is complete.

PROJECT DESCRIPTION:

The gazebo is complete at Darlington Park, a neighborhood park at the gateway to Darlington. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	140,000		140,000						140,000
Land Acquisition			0						0
Construction	1,800,000		1,800,000						1,800,000
Inspection Fees	45,000		45,000						45,000
Equipment/Furnishing			0						0
Total Cost:	1,985,000	0	1,985,000	0	0	0	0	0	1,985,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,390,000		1,390,000						1,390,000
R8770 Reappropriated	125,000		125,000						125,000
R3380 Prog. Open Sp.	470,000		470,000						470,000
			0						0
			0						0
Total Cost:	1,985,000	0	1,985,000	0	0	0	0	0	1,985,000



Edgewood Recreation and Community Center

PARKS AND RECREATION

Project Number: P134107
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$47,844



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Additional HVAC renovation, part of the system has been replaced.

PROJECT DESCRIPTION:

This project includes renovations to some of the existing building systems at the Edgewood Recreation and Community Center. Previous funds were used for engineering and replacement of the existing HVAC system. 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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	195,000		195,000						195,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost:	225,000	0	225,000	0	0	0	0	0	225,000

FUNDING SCHEDULE

R1515 Recordation Tax	225,000		225,000						225,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	225,000	0	225,000	0	0	0	0	0	225,000



Forest Hill Recreation Complex Improvements

PARKS AND RECREATION

Project Number: P184115
Council District: C
Location: Forest Hill
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

This project proposes replacement and relocation of the restroom/concession/storage building and picnic pavilion at the Forest Hill Recreation complex. The project will be funded by the Forest Hill Recreation Council and will be managed by the Department. Engineering and construction of the project will occur as funding is available. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	570,000		570,000						570,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost:	800,000	0	800,000	0	0	0	0	0	800,000

FUNDING SCHEDULE

R6999 Other	800,000		800,000						800,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	800,000	0	800,000	0	0	0	0	0	800,000



Fox Meadows Park Improvements

PARKS AND RECREATION

Project Number: P184116
Council District: D
Location: Jarrettsville
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$236,546



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Pavilion improvements are complete.

PROJECT DESCRIPTION:

This project proposes improvements to Fox Meadows Park with the expansion of a trail system that will provide greater ADA access to the playing fields at the park, as well as a loop trail system around the park site. This will provide more exercise opportunities for members of the community. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation plan and its Capital Improvements Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	330,000		330,000						330,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost:	450,000	0	450,000	0	0	0	0	0	450,000

FUNDING SCHEDULE

R1515 Recordation Tax	450,000		450,000						450,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	450,000	0	450,000	0	0	0	0	0	450,000



Francis Silver Park Improvements

PARKS AND RECREATION

Project Number: P164115
Council District: D
Location: Darlington
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$227,440



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Construction of the trail loop system is complete.
 This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

Future park improvements will be made as funding is available. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	325,000		325,000						325,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	425,000	0	425,000	0	0	0	0	0	425,000

FUNDING SCHEDULE

R1515 Recordation Tax	225,000		225,000						225,000
R3380 Prog. Open Sp.	200,000		200,000						200,000
			0						0
			0						0
			0						0
Total Cost:	425,000	0	425,000	0	0	0	0	0	425,000



Indoor Recreation Facility - Forest Hill/Hickory

PARKS AND RECREATION

Project Number: P084121
Council District: D
Location: Forest Hill
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,124,455



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Replacement of the arena plexiglass using existing funds from this capital account.
 Repairs to the front wall are complete.

PROJECT DESCRIPTION:

This project proposes the renovations of the Forest Hill/Hickory Activities Center to meet community needs. Previous projects included HVAC on the arena side, as well as roof repairs. Future projects will include improvements to the multi-purpose room and the indoor soccer. Funding may include contributions from the Recreation Councils. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	20,000		20,000						20,000
Land Acquisition			0						0
Construction	1,369,000		1,369,000						1,369,000
Inspection Fees	85,000		85,000						85,000
Equipment/Furnishing			0						0
Total Cost:	1,474,000	0	1,474,000	0	0	0	0	0	1,474,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,274,000		1,274,000						1,274,000
R6999 Other	200,000		200,000						200,000
			0						0
			0						0
			0						0
Total Cost:	1,474,000	0	1,474,000	0	0	0	0	0	1,474,000



Mariner Point Park Renovations

PARKS AND RECREATION

Project Number: P094127
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$471,187



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23-24: Walking trail and fishing pier renovations.

PROJECT DESCRIPTION:

This project proposes improvements to Mariner Point Park. These projects include the replacement of decking on the existing launching ramps and fishing piers, a canoe launch, trail renovations and other repairs as needed to maintain this community park. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	690,000		690,000						690,000
Inspection Fees	46,000		46,000						46,000
Equipment/Furnishing			0						0
Total Cost:	736,000	0	736,000	0	0	0	0	0	736,000

FUNDING SCHEDULE

R1515 Recordation Tax	312,000		312,000						312,000
R3399 State Other	199,000		199,000						199,000
R6330 Developer	100,000		100,000						100,000
R3380 Prog. Open Sp.	125,000		125,000						125,000
			0						0
Total Cost:	736,000	0	736,000	0	0	0	0	0	736,000



Nuttall Avenue Park Development

PAKS AND RECREATION

Project Number: P094128
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$117,930



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Engineering for the park site is underway.

FY 23: Construction

PROJECT DESCRIPTION:

This project proposes the development of passive community amenities, including trails, a picnic pavilion and playground on a vacant site. Development of an attractive 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 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	550,000		550,000						550,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost:	650,000	0	650,000	0	0	0	0	0	650,000

FUNDING SCHEDULE

R1515 Recordation Tax	220,000		220,000						220,000
R3399 State Other	400,000		400,000						400,000
R3380 Prog. Open Sp.	30,000		30,000						30,000
			0						0
			0						0
Total Cost:	650,000	0	650,000	0	0	0	0	0	650,000



Otter Point Creek Boat Launch

PARKS AND RECREATION

Project Number: P204118
Council District: A
Location: Abingdon
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$525,908



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

Renovations of the launch site are complete.

PROJECT DESCRIPTION:

This project proposes renovations and ADA improvements to the Otter Point Creek public boat launch. The Otter Point Creek Boat launch was constructed in 2003 and the site is in need of improvements and repairs. The project proposes replacing an existing finger pier with a floating pier, remove and replace the concrete launch ramp, and mill and replace the existing parking lot to meet current ADA standards. Funding has been requested from the State of Maryland and the US Fish and Wildlife Service. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	530,000		530,000						530,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost:	560,000	0	560,000	0	0	0	0	0	560,000

FUNDING SCHEDULE

R1515 Recordation Tax	230,000		230,000						230,000
R3399 State Other	165,000		165,000						165,000
R3199 Federal Other	165,000		165,000						165,000
			0						0
			0						0
Total Cost:	560,000	0	560,000	0	0	0	0	0	560,000



P&R Facility Development and Renovations

PARKS AND RECREATION

Project Number: P234128
Council District: Multiple
Location: Various
Est. Debt Service: \$26,250 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

Project Schedule/Status:



Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

This project proposes the development and renovation and repairs at existing facilities. Building improvements, construction of active facilities, ancillary facilities, landscaping and other projects may also be funded. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,656,315		2,656,315						2,656,315
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,656,315	0	2,656,315	0	0	0	0	0	2,656,315

FUNDING SCHEDULE

R7100 Prior Bonds	1,250,000		1,250,000						1,250,000
R3380 Prog. Open Sp.	1,406,315		1,406,315						1,406,315
			0						0
			0						0
			0						0
Total Cost:	2,656,315	0	2,656,315	0	0	0	0	0	2,656,315



Rock Glenn Park

PARKS AND RECREATION

Project Number: P194106
Council District: E
Location: Aberdeen
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,235,978



■ Expended/Enc. ■ Budget

Project Schedule/Status:

The City of Aberdeen received Community Parks & Playground grant funding in FY 22.
 FY 22: Construction

PROJECT DESCRIPTION:

This project proposes construction of two multi-purpose fields, parking, and multipurpose courts on the Rock Glenn property in the Aberdeen community. Funding will be a cooperative effort of the County, City and State. Design was initiated in FY 19 with construction beginning in FY 22. Population growth has generated demand for additional facilities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	1,160,000		1,160,000						1,160,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost:	1,300,000	0	1,300,000	0	0	0	0	0	1,300,000

FUNDING SCHEDULE

R1515 Recordation Tax	900,000		900,000						900,000
R6999 Other	400,000		400,000						400,000
			0						0
			0						0
			0						0
Total Cost:	1,300,000	0	1,300,000	0	0	0	0	0	1,300,000

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - BRIDGES

FY 24 Projects

Ayres Chapel Road Bridge #116	1,400,000	400,000	25,000	0	975,000	0	0	0
Boggs Road Bridge #66	2,900,000	400,000	1,500,000	1,000,000	0	0	0	0
Bridge & Culvert Rehabilitation	14,600,000	7,400,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Bridge and Road Scour Repairs	4,075,000	2,475,000	350,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Program Over 20'	9,000,000	3,000,000	1,750,000	0	2,000,000	0	2,250,000	0
Bridge Painting	3,450,000	950,000	1,000,000	0	0	0	1,500,000	0
Deep Run Road Bridge #152	1,125,000	350,000	775,000	0	0	0	0	0
Johnson Mill Road Bridge #45	1,550,000	1,450,000	100,000	0	0	0	0	0
Moore's Road Bridge #78	2,500,000	0	400,000	400,000	50,000	0	0	1,650,000
Rush Road Bridge #97	1,425,000	0	400,000	25,000	1,000,000	0	0	0
Scarboro Road Bridge #140	1,525,000	375,000	50,000	0	1,100,000	0	0	0
Stafford Road Bridge #162	1,825,000	400,000	400,000	25,000	0	0	0	1,000,000
Structural Evaluation	870,000	570,000	50,000	50,000	50,000	50,000	50,000	50,000
Trappe Church Road Bridge #161	2,500,000	700,000	50,000	0	0	1,750,000	0	0

Outyear Projects

Abingdon Road Bridge over CSX	10,230,000	7,730,000	0	2,500,000	0	0	0	0
Bridge Deck Replacements	1,400,000	0	0	0	0	0	400,000	1,000,000
Bridge Inspection Prog. Under 20	1,655,000	650,000	0	325,000	0	335,000	0	345,000
Chestnut Hill Rd Bridge #41	625,000	0	0	0	0	300,000	300,000	25,000
Cullum Road Bridge #12	725,000	0	0	0	350,000	350,000	25,000	0
Edwards Lane Culvert	1,050,000	0	0	0	0	1,050,000	0	0
Fawn Grove Road Bridge #132	1,785,000	10,000	0	400,000	50,000	0	1,325,000	0
Glenville Road Bridge #30	2,860,000	860,000	0	2,000,000	0	0	0	0
Grier Nursery Road Bridge #43	5,500,000	1,000,000	0	2,250,000	2,250,000	0	0	0
Hess Road Bridge #81	850,000	0	0	0	400,000	400,000	50,000	0
Hookers Mill Road Bridge #13	3,250,000	600,000	0	0	0	2,650,000	0	0
Kalmia Road Bridge #223	350,000	0	0	0	0	0	0	350,000
Lake Fanny Road Bridge #211	425,000	0	0	0	0	400,000	25,000	0
Madonna Road Bridge #113	3,250,000	600,000	0	0	0	0	2,650,000	0
Old Pylesville Road Bridge #138	400,000	0	0	0	0	0	0	400,000
St. Clair Bridge Road Bridge #100	2,725,000	0	0	400,000	400,000	25,000	0	1,900,000
Stafford Road Bridge #19	700,000	0	0	0	0	0	350,000	350,000

Open Projects

Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	2,065,000	0	0	0	0	0	0
Glen Cove Road Bridge #155	1,475,915	1,475,915	0	0	0	0	0	0
Phillips Mill Road Bridge #70	3,550,000	3,550,000	0	0	0	0	0	0
Stafford Road Bridge #24	3,755,000	3,755,000	0	0	0	0	0	0

BRIDGES BY PROJECT	100,220,915	43,615,915	8,050,000	10,825,000	10,075,000	8,760,000	10,375,000	8,520,000
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Paygo	18,394,762	13,789,762	400,000	625,000	300,000	635,000	1,000,000	1,645,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0
Future Bonds	19,700,000	0	785,000	4,135,000	5,055,000	3,765,000	3,285,000	2,675,000
Prior Bonds	14,308,915	10,833,915	3,475,000	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	47,748,000	18,923,000	3,390,000	6,065,000	4,720,000	4,360,000	6,090,000	4,200,000
Developer/Other	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

BRIDGES BY FUND	100,220,915	43,615,915	8,050,000	10,825,000	10,075,000	8,760,000	10,375,000	8,520,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - ROADWAYS

FY 24 Projects

Curb, Sidewalks, Handicap Ramps	2,800,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Drainage Improvements	2,875,000	1,925,000	200,000	150,000	150,000	150,000	150,000	150,000
Guardrails	2,315,000	1,440,000	125,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	7,466,728	5,066,728	400,000	400,000	400,000	400,000	400,000	400,000
New Roads & Stormdrains	4,125,000	3,025,000	100,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Rehabilitation	3,841,231	2,241,231	350,000	250,000	250,000	250,000	250,000	250,000
Streetlights	650,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000
Traffic Calming/Bicycle/Road Saf.	1,550,000	950,000	100,000	100,000	100,000	100,000	100,000	100,000
Traffic Signals	1,489,601	679,601	135,000	135,000	135,000	135,000	135,000	135,000
Trimble Road Joppa to Garnett	2,525,000	75,000	200,000		50,000		1,100,000	1,100,000
Washington Court Access Road	2,450,000	2,150,000	300,000	0	0	0	0	0

Outyear Projects

Carrs Mill Road (MD152-Grafton)	200,000	0	0	100,000	100,000	0	0	0
Perryman Access - Mitchell Lane	2,000,000	0	0	0	0	1,000,000	1,000,000	0
Tollgate Road/Vale Road Corridor	1,775,000	200,000	0	450,000	200,000	0	0	925,000

Open Projects

Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Moore's Mill Road	10,363,088	10,363,088	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
Schucks Road Improvements	1,043,368	1,043,368						
Spesutia Road Recon/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Tollgate Rd (West Ring Factory)	7,423,439	7,423,439	0	0	0	0	0	0
Village of Scot's Fancy Starmount	750,000	750,000	0	0	0	0	0	0
Woodley Rd Extension to 715	12,250,000	12,250,000	0	0	0	0	0	0

ROADWAYS BY PROJECT	74,138,455	56,278,455	2,410,000	2,435,000	2,235,000	2,885,000	3,985,000	3,910,000
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Paygo	23,135,072	15,300,072	910,000	1,385,000	1,385,000	1,385,000	1,385,000	1,385,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
Future Bonds	9,475,000	0	1,450,000	950,000	750,000	1,400,000	2,500,000	2,425,000
Prior Bonds	29,189,343	29,189,343	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	1,783,439	1,783,439	0	0	0	0	0	0
Federal	5,000,000	5,000,000	0	0	0	0	0	0
Developer/Other	5,446,000	4,896,000	50,000	100,000	100,000	100,000	100,000	100,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

ROADWAYS BY FUND	74,138,455	56,278,455	2,410,000	2,435,000	2,235,000	2,885,000	3,985,000	3,910,000
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HIGHWAYS - RESURFACING

FY 24 Projects

Resurfacing Roadways	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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RESURFACING BY PROJECT	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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Paygo	96,547,870	43,697,870	7,725,000	8,625,000	8,825,000	9,025,000	9,225,000	9,425,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	873,825	873,825	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	0	0	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	6,226,175	126,175	1,600,000	900,000	900,000	900,000	900,000	900,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

RESURFACING BY FUND	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - MISCELLANEOUS

FY 24 Projects

Efficiency Capital Investment	430,000	405,000	25,000	0	0	0	0	0
Fleet Replacement	50,392,000	20,192,000	4,000,000	4,300,000	4,700,000	5,200,000	5,700,000	6,300,000
Highways Facilities Repair Program	2,127,000	1,527,000	100,000	100,000	100,000	100,000	100,000	100,000
Lease/SBITA Assets 24	2,000,000	0	2,000,000	0	0	0	0	0
Norrisville Highways Facility	725,000	4,200,000	(3,475,000)	0	0	0	0	0
Refresh Program	1,300,500	790,500	510,000	0	0	0	0	0
Safeguarding Business Operations	4,427,450	3,787,450	265,000	75,000	75,000	75,000	75,000	75,000

Open Projects

APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0
Harford Metro Area Network	930,000	930,000	0	0	0	0	0	0
Lease/SBITA Assets 21	2,000,000	2,000,000	0	0	0	0	0	0
Sidewalks & Handicapped Ramps	1,829,300	1,829,300	0	0	0	0	0	0

MISCELLANEOUS BY PROJECT	75,907,250	45,407,250	3,425,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
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Paygo	62,632,708	30,657,708	4,900,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	8,391,000	11,866,000	(3,475,000)	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	294,650	294,650	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0
Developer/Other	419,592	419,592	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	4,000,000	2,000,000	2,000,000	0	0	0	0	0

MISCELLANEOUS BY FUND	75,907,250	45,407,250	3,425,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
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TOTAL HIGHWAYS FUND	353,914,490	189,999,490	23,210,000	27,260,000	26,910,000	26,945,000	30,360,000	29,230,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - BRIDGES												
Ayres Chapel Road Bridge #116	25,000	0	0	0	25,000	0	0	0	0	0	0	0
Boggs Road Bridge #66	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0
Bridge & Culvert Rehabilitation	1,200,000	0	0	1,200,000	0	0	0	0	0	0	0	0
Bridge & Road Scour Repairs	350,000	0	350,000	0	0	0	0	0	0	0	0	0
Bridge Inspection Program - Over 20'	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000	0
Bridge Painting	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000	0
Deep Run Road Bridge #152	775,000	0	0	775,000	0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	100,000	0	0	0	100,000	0	0	0	0	0	0	0
Moore's Road Bridge #78	400,000	0	0	0	80,000	0	0	0	0	0	320,000	0
Rush Road Bridge #97	400,000	0	0	0	400,000	0	0	0	0	0	0	0
Scarboro Road Bridge #140	50,000	0	0	0	50,000	0	0	0	0	0	0	0
Stafford Road Bridge #162	400,000	0	0	0	80,000	0	0	0	0	0	320,000	0
Structural Evaluation	50,000	0	50,000	0	0	0	0	0	0	0	0	0
Trappe Church Road Bridge #161	50,000	0	0	0	50,000	0	0	0	0	0	0	0
SUB-TOTAL BRIDGES	8,050,000	0	400,000	3,475,000	785,000	0	0	0	0	0	3,390,000	0
HIGHWAYS - ROADWAYS												
Curb, Sidewalks, Handicapped Ramps	400,000	0	400,000	0	0	0	0	0	0	0	0	0
Drainage Improvements	200,000	0	0	0	200,000	0	0	0	0	0	0	0
Guardrails	125,000	0	125,000	0	0	0	0	0	0	0	0	0
Intersection Improvements	400,000	0	0	0	400,000	0	0	0	0	0	0	0
New Roads & Stormdrains	100,000	0	50,000	0	0	0	0	0	0	0	0	50,000
Stormdrain Rehabilitation	350,000	0	0	0	350,000	0	0	0	0	0	0	0
Streetlights	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle & Road Safety	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0	0
Trimble Rd (Joppa to Garnett)	200,000	0	0	0	200,000	0	0	0	0	0	0	0
Washington Court Access Road	300,000	0	0	0	300,000	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	2,410,000	0	910,000	0	1,450,000	0	0	0	0	0	0	50,000
HIGHWAYS - RESURFACING												
Resurfacing Roadways	9,325,000	0	7,725,000	0	0	0	0	0	0	0	0	1,600,000
SUB-TOTAL RESURFACING	9,325,000	0	7,725,000	0	0	0	0	0	0	0	0	1,600,000
HIGHWAYS - MISCELLANEOUS												
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	4,000,000	0	4,000,000	0	0	0	0	0	0	0	0	0
Highways Facilities Repair Program	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Lease/SBITA Assets 24	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0
Norrisville Highways Facility	(3,475,000)	0	0	(3,475,000)	0	0	0	0	0	0	0	0
Refresh Program	510,000	0	510,000	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	265,000	0	265,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	3,425,000	0	4,900,000	(3,475,000)	0	2,000,000	0	0	0	0	0	0
TOTAL HIGHWAYS FUND	23,210,000	0	13,935,000	0	2,235,000	2,000,000	0	0	0	0	3,390,000	1,650,000

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - BRIDGES

FY 24 Projects

Ayres Chapel Road Bridge #116	1,400,000	400,000	25,000	0	975,000	0	0	0
Boggs Road Bridge #66	2,900,000	400,000	1,500,000	1,000,000	0	0	0	0
Bridge & Culvert Rehabilitation	14,600,000	7,400,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Bridge and Road Scour Repairs	4,075,000	2,475,000	350,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Program Over 20'	9,000,000	3,000,000	1,750,000	0	2,000,000	0	2,250,000	0
Bridge Painting	3,450,000	950,000	1,000,000	0	0	0	1,500,000	0
Deep Run Road Bridge #152	1,125,000	350,000	775,000	0	0	0	0	0
Johnson Mill Road Bridge #45	1,550,000	1,450,000	100,000	0	0	0	0	0
Moore's Road Bridge #78	2,500,000	0	400,000	400,000	50,000	0	0	1,650,000
Rush Road Bridge #97	1,425,000	0	400,000	25,000	1,000,000	0	0	0
Scarboro Road Bridge #140	1,525,000	375,000	50,000	0	1,100,000	0	0	0
Stafford Road Bridge #162	1,825,000	400,000	400,000	25,000	0	0	0	1,000,000
Structural Evaluation	870,000	570,000	50,000	50,000	50,000	50,000	50,000	50,000
Trappe Church Road Bridge #161	2,500,000	700,000	50,000	0	0	1,750,000	0	0

Outyear Projects

Abingdon Road Bridge over CSX	10,230,000	7,730,000	0	2,500,000	0	0	0	0
Bridge Deck Replacements	1,400,000	0	0	0	0	0	400,000	1,000,000
Bridge Inspection Prog. Under 20	1,655,000	650,000	0	325,000	0	335,000	0	345,000
Chestnut Hill Rd Bridge #41	625,000	0	0	0	0	300,000	300,000	25,000
Cullum Road Bridge #12	725,000	0	0	0	350,000	350,000	25,000	0
Edwards Lane Culvert	1,050,000	0	0	0	0	1,050,000	0	0
Fawn Grove Road Bridge #132	1,785,000	10,000	0	400,000	50,000	0	1,325,000	0
Glenville Road Bridge #30	2,860,000	860,000	0	2,000,000	0	0	0	0
Grier Nursery Road Bridge #43	5,500,000	1,000,000	0	2,250,000	2,250,000	0	0	0
Hess Road Bridge #81	850,000	0	0	0	400,000	400,000	50,000	0
Hookers Mill Road Bridge #13	3,250,000	600,000	0	0	0	2,650,000	0	0
Kalmia Road Bridge #223	350,000	0	0	0	0	0	0	350,000
Lake Fanny Road Bridge #211	425,000	0	0	0	0	400,000	25,000	0
Madonna Road Bridge #113	3,250,000	600,000	0	0	0	0	2,650,000	0
Old Pylesville Road Bridge #138	400,000	0	0	0	0	0	0	400,000
St. Clair Bridge Road Bridge #100	2,725,000	0	0	400,000	400,000	25,000	0	1,900,000
Stafford Road Bridge #19	700,000	0	0	0	0	0	350,000	350,000

Open Projects

Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	2,065,000	0	0	0	0	0	0
Glen Cove Road Bridge #155	1,475,915	1,475,915	0	0	0	0	0	0
Phillips Mill Road Bridge #70	3,550,000	3,550,000	0	0	0	0	0	0
Stafford Road Bridge #24	3,755,000	3,755,000	0	0	0	0	0	0

BRIDGES BY PROJECT	100,220,915	43,615,915	8,050,000	10,825,000	10,075,000	8,760,000	10,375,000	8,520,000
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Paygo	18,394,762	13,789,762	400,000	625,000	300,000	635,000	1,000,000	1,645,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0
Future Bonds	19,700,000	0	785,000	4,135,000	5,055,000	3,765,000	3,285,000	2,675,000
Prior Bonds	14,308,915	10,833,915	3,475,000	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	47,748,000	18,923,000	3,390,000	6,065,000	4,720,000	4,360,000	6,090,000	4,200,000
Developer/Other	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

BRIDGES BY FUND	100,220,915	43,615,915	8,050,000	10,825,000	10,075,000	8,760,000	10,375,000	8,520,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - BRIDGES												
Ayres Chapel Road Bridge #116	25,000	0	0	0	25,000	0	0	0	0	0	0	0
Boggs Road Bridge #66	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0
Bridge & Culvert Rehabilitation	1,200,000	0	0	1,200,000	0	0	0	0	0	0	0	0
Bridge & Road Scour Repairs	350,000	0	350,000	0	0	0	0	0	0	0	0	0
Bridge Inspection Program - Over 20'	1,750,000	0	0	0	0	0	0	0	0	0	1,750,000	0
Bridge Painting	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000	0
Deep Run Road Bridge #152	775,000	0	0	775,000	0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	100,000	0	0	0	100,000	0	0	0	0	0	0	0
Moore's Road Bridge #78	400,000	0	0	0	80,000	0	0	0	0	0	320,000	0
Rush Road Bridge #97	400,000	0	0	0	400,000	0	0	0	0	0	0	0
Scarboro Road Bridge #140	50,000	0	0	0	50,000	0	0	0	0	0	0	0
Stafford Road Bridge #162	400,000	0	0	0	80,000	0	0	0	0	0	320,000	0
Structural Evaluation	50,000	0	50,000	0	0	0	0	0	0	0	0	0
Trappe Church Road Bridge #161	50,000	0	0	0	50,000	0	0	0	0	0	0	0
SUB-TOTAL BRIDGES	8,050,000	0	400,000	3,475,000	785,000	0	0	0	0	0	3,390,000	0



Ayres Chapel Road Bridge #116

HIGHWAYS - BRIDGES

Project Number: H234501
Council District: D
Location: Fallston
Est. Debt Service: \$525 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Design
 FY 24: Right of way & permits
 FY 26: Construction

PROJECT DESCRIPTION:

This project is to replace the Ayres Chapel Road Bridge #116 over Jackson Branch. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	400,000		400,000						400,000
Land Acquisition		25,000	25,000						25,000
Construction			0		900,000				900,000
Inspection Fees			0		75,000				75,000
Equipment/Furnishing			0						0
Total Cost:	400,000	25,000	425,000	0	975,000	0	0	0	1,400,000

FUNDING SCHEDULE

R7000 Future Bonds		25,000	25,000		975,000				1,000,000
R7100 Prior Bonds	400,000		400,000						400,000
			0						0
			0						0
			0						0
Total Cost:	400,000	25,000	425,000	0	975,000	0	0	0	1,400,000



Boggs Road Bridge #66

HIGHWAYS - BRIDGES

Project Number: H214501
Council District: B
Location: Fallston
Est. Debt Service: \$39,900 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: x

Expended/Encumbered as of 1/9/23:
 \$390,707



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

FY 21: Design is 30% complete.
 FY 22-23: Design/right of way/permits
 FY 24/25: Construction

PROJECT DESCRIPTION:

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 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.

\$1,500,000 reallocated from Norrisville Highways Facility Capital Project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	380,000		380,000						380,000
Land Acquisition	20,000		20,000						20,000
Construction		1,400,000	1,400,000	900,000					2,300,000
Inspection Fees		100,000	100,000	100,000					200,000
Equipment/Furnishing			0						0
Total Cost:	400,000	1,500,000	1,900,000	1,000,000	0	0	0	0	2,900,000

FUNDING SCHEDULE

R7000 Future Bonds			0	1,000,000					1,000,000
R7100 Prior Bonds	400,000	1,500,000	1,900,000						1,900,000
			0						0
			0						0
			0						0
Total Cost:	400,000	1,500,000	1,900,000	1,000,000	0	0	0	0	2,900,000



Bridge and Culvert Rehabilitation

HIGHWAYS - BRIDGES

Project Number: H054502
Council District: Multiple
Location: Various
Est. Debt Service: \$68,250 (annual)

Expended/Encumbered as of 1/9/23:

\$4,163,376



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Construction on Linkous #133, Troyer #103
 FY 23: Repairs to Jolly Acres Rd Bridge #36 & various other improvements
 FY 24: Repairs to Knopp Rd Bridge #96 & various other improvements

PROJECT DESCRIPTION:

This project will supply funds to perform maintenance/repairs/rehabilitation of the County's 200+ bridges, culverts, wingwalls, headwalls, etc. The maintenance/repairs performed under this program are mainly smaller scale, 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, it 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.

\$1,200,000 reallocated from Norrisville Highways Facility project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,320,000	125,000	1,445,000	125,000	125,000	125,000	125,000	125,000	2,070,000
Land Acquisition			0						0
Construction	5,475,000	1,000,000	6,475,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	11,475,000
Inspection Fees	605,000	75,000	680,000	75,000	75,000	75,000	75,000	75,000	1,055,000
Equipment/Furnishing			0						0
Total Cost:	7,400,000	1,200,000	8,600,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	14,600,000

FUNDING SCHEDULE

R8750 Paygo	5,350,000		5,350,000						5,350,000
R7100 Prior Bonds	2,050,000		2,050,000						2,050,000
R7000 Future Bonds		1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000
			0						0
			0						0
Total Cost:	7,400,000	1,200,000	8,600,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	14,600,000



Bridge and Road Scour Repairs

HIGHWAYS - BRIDGES

Project Number: H064501
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: x

Expended/Encumbered as of 1/9/23:
 \$1,730,031



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

Various projects are continuously being designed and constructed under this account.

PROJECT DESCRIPTION:

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 the roadbed 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	205,000	30,000	235,000	30,000	30,000	30,000	30,000	30,000	385,000
Land Acquisition	5,000		5,000						5,000
Construction	2,080,000	300,000	2,380,000	200,000	200,000	200,000	200,000	200,000	3,380,000
Inspection Fees	185,000	20,000	205,000	20,000	20,000	20,000	20,000	20,000	305,000
Equipment/Furnishing			0						0
Total Cost:	2,475,000	350,000	2,825,000	250,000	250,000	250,000	250,000	250,000	4,075,000

FUNDING SCHEDULE

R8750 Paygo	2,475,000	350,000	2,825,000	250,000	250,000	250,000	250,000	250,000	4,075,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,475,000	350,000	2,825,000	250,000	250,000	250,000	250,000	250,000	4,075,000



Bridge Inspection Program - Over 20' Spans

HIGHWAYS - BRIDGES

Project Number: H184501
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$2,113,670



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

FY 24: Biennial Analysis of all bridges over 20'

Design is continuous and based on the year as to whether we are inspecting bridges with spans over 20' or under 20'.

PROJECT DESCRIPTION:

This program provides funding for the inspection of bridges in Harford County that have a span length of greater than 20'. Funding is 100% provided by Federal Aid. This program is separated from the bridge inspections under 20' in length because that program is 100% locally funded and dividing the programs into separate capital accounts makes the budget more streamlined. The bridge inspection program identifies problem areas on the County's bridge structures and is used to prioritize repairs and replacements to them. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	3,000,000	1,750,000	4,750,000		2,000,000		2,250,000		9,000,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,000,000	1,750,000	4,750,000	0	2,000,000	0	2,250,000	0	9,000,000

FUNDING SCHEDULE

R3140 Federal TEA-21	2,900,000	1,750,000	4,650,000		2,000,000		2,250,000		8,900,000
R8750 Paygo	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Cost:	3,000,000	1,750,000	4,750,000	0	2,000,000	0	2,250,000	0	9,000,000



Bridge Painting

HIGHWAYS - BRIDGES

Project Number: H144501
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$541,242



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 24: Estimated 12-15 bridges to be painted.
 Various projects are continuously being designed and constructed under this account.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	25,000	30,000	55,000				45,000		100,000
Land Acquisition			0						0
Construction	845,000	880,000	1,725,000				1,320,000		3,045,000
Inspection Fees	80,000	90,000	170,000				135,000		305,000
Equipment/Furnishing			0						0
Total Cost:	950,000	1,000,000	1,950,000	0	0	0	1,500,000	0	3,450,000

FUNDING SCHEDULE

R8750 Paygo	950,000		950,000				300,000		1,250,000
R3140 Federal TAP		1,000,000	1,000,000				1,200,000		2,200,000
			0						0
			0						0
			0						0
Total Cost:	950,000	1,000,000	1,950,000	0	0	0	1,500,000	0	3,450,000



Deep Run Road Bridge #152

HIGHWAYS - BRIDGES

Project Number: H214503
Council District: D
Location: Whiteford
Est. Debt Service: \$7,350 (annual)

Expended/Encumbered as of 1/9/23:

\$277,821



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22-23: Right of way and permits
 FY 24: Construction
 Design is 75% complete

PROJECT DESCRIPTION:

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 in place 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.

\$775,000 reallocated from Norrisville Highways Facility Capital project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	280,000		280,000						280,000
Land Acquisition	30,000		30,000						30,000
Construction	40,000	700,000	740,000						740,000
Inspection Fees		75,000	75,000						75,000
Equipment/Furnishing			0						0
Total Cost:	350,000	775,000	1,125,000	0	0	0	0	0	1,125,000

FUNDING SCHEDULE

R7100 Prior Bonds	350,000		350,000						350,000
R7000 Future Bonds		775,000	775,000						775,000
			0						0
			0						0
			0						0
Total Cost:	350,000	775,000	1,125,000	0	0	0	0	0	1,125,000



Johnson Mill Road Bridge #45

HIGHWAYS - BRIDGES

Project Number: H174502
Council District: D
Location: Hickory
Est. Debt Service: \$32,550 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$232,941



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY18/19: Design
 FY 20: Right-of-Way
 FY 21/24: Construction

Design Complete

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000		250,000						250,000
Land Acquisition	25,000		25,000						25,000
Construction	1,075,000	100,000	1,175,000						1,175,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost:	1,450,000	100,000	1,550,000	0	0	0	0	0	1,550,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
R7000 Future Bonds		100,000	100,000						100,000
			0						0
			0						0
			0						0
Total Cost:	1,450,000	100,000	1,550,000	0	0	0	0	0	1,550,000



Moores Road Bridge #78

HIGHWAYS - BRIDGES

Project Number: H244501
Council District: B
Location: Upper Crossroads
Est. Debt Service: \$1,680 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 24-25: Design
 FY 26: Right of way and permits
 FY 29: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is to replace the bridge that carries Moores Road over a tributary to Gunpowder Falls. The existing bridge is situated on 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		400,000	400,000	400,000					800,000
Land Acquisition			0		50,000				50,000
Construction			0					1,500,000	1,500,000
Inspection Fees			0					150,000	150,000
Equipment/Furnishing			0						0
Total Cost:	0	400,000	400,000	400,000	50,000	0	0	1,650,000	2,500,000

FUNDING SCHEDULE

R3140 Federal TAP		320,000	320,000	320,000				1,320,000	1,960,000
R7000 Future Bonds		80,000	80,000	80,000	50,000			330,000	540,000
			0						0
			0						0
			0						0
Total Cost:	0	400,000	400,000	400,000	50,000	0	0	1,650,000	2,500,000



Rush Road Bridge #97

HIGHWAYS - BRIDGES

Project Number: H244502
Council District: D
Location: Jarrettsville
Est. Debt Service: \$8,400 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 24: Design
 FY 25: Right of way and permits
 FY 26: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will replace the existing bridge on Rush Road over Kellogg Branch. The current structure is a single lane bridge and is posted at 24,000 lbs for single unit vehicles and 43,000 lbs for combination vehicles. The new bridge would eliminate posting and provide a two lane bridge. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		400,000	400,000						400,000
Land Acquisition			0	25,000					25,000
Construction			0		900,000				900,000
Inspection Fees			0		100,000				100,000
Equipment/Furnishing			0						0
Total Cost:	0	400,000	400,000	25,000	1,000,000	0	0	0	1,425,000

FUNDING SCHEDULE

R7000 Future Bonds		400,000	400,000	25,000	1,000,000				1,425,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	400,000	400,000	25,000	1,000,000	0	0	0	1,425,000



Scarboro Road Bridge #140

HIGHWAYS - BRIDGES

Project Number: H224502
Council District: D
Location: Scarboro
Est. Debt Service: \$8,925 (annual)

Expended/Encumbered as of 1/9/23:

\$334,014



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Design
 FY 23: Right of ways and permits
 FY 26: Construction

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	350,000	50,000	400,000						400,000
Land Acquisition	25,000		25,000						25,000
Construction			0		1,000,000				1,000,000
Inspection Fees			0		100,000				100,000
Equipment/Furnishing			0						0
Total Cost:	375,000	50,000	425,000	0	1,100,000	0	0	0	1,525,000

FUNDING SCHEDULE

R7000 Future Bonds		50,000	50,000		1,100,000				1,150,000
R7100 Prior Bonds	375,000		375,000						375,000
			0						0
			0						0
			0						0
Total Cost:	375,000	50,000	425,000	0	1,100,000	0	0	0	1,525,000



Stafford Road Bridge #162

HIGHWAYS - BRIDGES

Project Number: H234504
Council District: D
Location: Darlington
Est. Debt Service: \$3,360 (annual)

Expended/Encumbered as of 1/9/23:

\$540



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23-24: Design
 FY 25: Right of way/permits
 FY 29: Construction

PROJECT DESCRIPTION:

This bridge carries Stafford Road over Buck Branch and has a deteriorated deck and beams. The project is planned to replace the bridge superstructure and upgrade the abutments. The 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	400,000	400,000	800,000						800,000
Land Acquisition			0	25,000					25,000
Construction			0					900,000	900,000
Inspection Fees			0					100,000	100,000
Equipment/Furnishing			0						0
Total Cost:	400,000	400,000	800,000	25,000	0	0	0	1,000,000	1,825,000

FUNDING SCHEDULE

R3140 Federal TAP	320,000	320,000	640,000	25,000				800,000	1,465,000
R7100 Prior Bonds	80,000		80,000						80,000
R7000 Future Bonds		80,000	80,000					200,000	280,000
			0						0
			0						0
Total Cost:	400,000	400,000	800,000	25,000	0	0	0	1,000,000	1,825,000



Structural Evaluation

HIGHWAYS - BRIDGES

Project Number: H974515
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$442,869



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This is an ongoing program.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	570,000	50,000	620,000	50,000	50,000	50,000	50,000	50,000	870,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	570,000	50,000	620,000	50,000	50,000	50,000	50,000	50,000	870,000

FUNDING SCHEDULE

R8750 Paygo	570,000	50,000	620,000	50,000	50,000	50,000	50,000	50,000	870,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	570,000	50,000	620,000	50,000	50,000	50,000	50,000	50,000	870,000



Trappe Church Road Bridge #161

HIGHWAYS - BRIDGES

Project Number: H224503
Council District: E
Location: Darlington
Est. Debt Service: \$3,990 (annual)

Expended/Encumbered as of 1/9/23:

\$3,389



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22-23: Design
 FY 24: Right of way and permits
 FY 27: Construction

PROJECT DESCRIPTION:

The purpose of this project is to replace the superstructure for the bridge that carries Trappe Church Road over Hollands Branch due to deteriorated beams. The 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	700,000		700,000						700,000
Land Acquisition		50,000	50,000						50,000
Construction			0			1,600,000			1,600,000
Inspection Fees			0			150,000			150,000
Equipment/Furnishing			0						0
Total Cost:	700,000	50,000	750,000	0	0	1,750,000	0	0	2,500,000

FUNDING SCHEDULE

R3140 Federal TAP	560,000		560,000			1,400,000			1,960,000
R7000 Future Bonds		50,000	50,000			350,000			400,000
R7100 Prior Bonds	140,000		140,000						140,000
			0						0
			0						0
Total Cost:	700,000	50,000	750,000	0	0	1,750,000	0	0	2,500,000

OUTYEAR PROJECTS

FY 25 - FY 29



Abingdon Road Bridge #169 over CSX

HIGHWAYS - BRIDGES

Project Number: H104501
Council District: F
Location: Abingdon
Est. Debt Service: \$30,030 (annual)

Expended/Encumbered as of 1/9/23:

\$1,105,294



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 25 Construction

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	820,000		820,000						820,000
Land Acquisition	360,000		360,000						360,000
Construction	6,350,000		6,350,000	2,400,000					8,750,000
Inspection Fees	200,000		200,000	100,000					300,000
Equipment/Furnishing			0						0
Total Cost:	7,730,000	0	7,730,000	2,500,000	0	0	0	0	10,230,000

FUNDING SCHEDULE

R8750 Paygo	240,762		240,762						240,762
R3140 Federal TAP	5,990,000		5,990,000	2,000,000					7,990,000
R7100 Prior Bonds	1,430,000		1,430,000						1,430,000
R8770 Reappropriated	69,238		69,238						69,238
R7000 Future Bonds			0	500,000					500,000
Total Cost:	7,730,000	0	7,730,000	2,500,000	0	0	0	0	10,230,000



Bridge Deck Replacements

HIGHWAYS - BRIDGES

Project Number: New
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 28: Design
 FY 29: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is for the design and replacement of deteriorated corrugated metal bridge decks 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 needs of the County.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0				400,000		400,000
Land Acquisition			0						0
Construction			0					900,000	900,000
Inspection Fees			0					100,000	100,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	0	400,000	1,000,000	1,400,000

FUNDING SCHEDULE

R8750 Paygo			0				400,000	1,000,000	1,400,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	400,000	1,000,000	1,400,000



Bridge Inspection Program - Under 20' Spans

HIGHWAYS - BRIDGES

Project Number: H204519
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$336,105



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Biennial inspection of all bridges under 20'

Design is continuous and based on the year as to whether we are inspecting bridges over 20' or under 20'.

PROJECT DESCRIPTION:

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 bridge inspection data is analyzed to develop priorities for bridge repairs and replacements. The County's DPW maintains 63 bridges that are under 20' long. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	650,000		650,000	325,000		335,000		345,000	1,655,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	650,000	0	650,000	325,000	0	335,000	0	345,000	1,655,000

FUNDING SCHEDULE

R8750 Paygo	650,000		650,000	325,000		335,000		345,000	1,655,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	650,000	0	650,000	325,000	0	335,000	0	345,000	1,655,000



Chestnut Hill Road Bridge #41

HIGHWAYS - BRIDGES

Project Number: New
Council District: D
Location: Forest Hill
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 27/28: Design
FY 29: Right-of-Way

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will replace the existing bridge on Chestnut Hill Road over Cabbage Branch. The current structure is a single lane bridge and is posted at 25,000 lbs for a single unit vehicle and 46,000 lbs for combination vehicles. The new bridge would eliminate posting and provide a new two lane bridge. The project is necessary due to the deterioration of the bridge deck and steel beams, and is eligible for Federal funding. The project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0			300,000	300,000		600,000
Land Acquisition			0					25,000	25,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	300,000	300,000	25,000	625,000

FUNDING SCHEDULE

R3140 Federal TAP			0			240,000	240,000		480,000
R7000 Future Bonds			0			60,000	60,000	25,000	145,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	300,000	300,000	25,000	625,000



Cullum Road Bridge #12

HIGHWAYS - BRIDGES

Project Number: New
Council District: F
Location: Belcamp
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 26-27: Design
 FY 28: Right of Way
 FY 30: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will be for the rehabilitation of the Cullum Road Bridge #112 over tributary to James Run. The project is to replace the bridge superstructure which currently consists of bituminous concrete filled corrugated metal deck supported with steel beams. The project is necessary due to the deterioration of the bridge deck and steel beams, and 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0		350,000	350,000			700,000
Land Acquisition			0				25,000		25,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	350,000	350,000	25,000	0	725,000

FUNDING SCHEDULE

R3140 Federal TAP			0		280,000	280,000			560,000
R7000 Future Bonds			0		70,000	70,000	25,000		165,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	350,000	350,000	25,000	0	725,000



Edwards Lane Culvert

HIGHWAYS - BRIDGES

Project Number: New
Council District: E
Location: Churchville
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 27: Update design and permitting, utility relocation and construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

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 occasionally floods 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0			50,000			50,000
Land Acquisition			0						0
Construction			0			900,000			900,000
Inspection Fees			0			100,000			100,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	1,050,000	0	0	1,050,000

FUNDING SCHEDULE

R7000 Future Bonds			0			1,050,000			1,050,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	1,050,000	0	0	1,050,000



Fawn Grove Road Bridge #132

HIGHWAYS - BRIDGES

Project Number: H144502
Council District: D
Location: Pylesville
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$5,467



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 25: Design
 FY 26: Right of way and permits
 FY 28: Construction

PROJECT DESCRIPTION:

The purpose of this project is to replace the bridge that carries Fawn Grove Road over a tributary of Deer Creek. The existing bridge is a single lane bridge on a rural collector roadway. It is narrow and very poorly aligned with the road, with a severe horizontal curve on the north side of the bridge. The bridge is also poorly aligned with the stream, requiring prior scour repairs to keep the bridge in service. The proposed bridge will widen the existing bridge and better align it with the approach of 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	10,000		10,000	400,000					410,000
Land Acquisition			0		50,000				50,000
Construction			0				1,250,000		1,250,000
Inspection Fees			0				75,000		75,000
Equipment/Furnishing			0						0
Total Cost:	10,000	0	10,000	400,000	50,000	0	1,325,000	0	1,785,000

FUNDING SCHEDULE

R8750 Paygo	10,000		10,000						10,000
R7000 Future Bonds			0	400,000	50,000		1,325,000		1,775,000
			0						0
			0						0
			0						0
Total Cost:	10,000	0	10,000	400,000	50,000	0	1,325,000	0	1,785,000



Glenville Road Bridge #30

HIGHWAYS - BRIDGES

Project Number: H164501
Council District: Multiple
Location: Churchville
Est. Debt Service: \$2,730 (annual)

Expended/Encumbered as of 1/9/23:

\$255,019



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 22-23: Design and right of way
FY 25: Utility relocation and construction

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	810,000		810,000						810,000
Land Acquisition	50,000		50,000						50,000
Construction			0	1,850,000					1,850,000
Inspection Fees			0	150,000					150,000
Equipment/Furnishing			0						0
Total Cost:	860,000	0	860,000	2,000,000	0	0	0	0	2,860,000

FUNDING SCHEDULE

R8750 Paygo	150,000		150,000						150,000
R3140 Federal TAP	580,000		580,000	1,600,000					2,180,000
R7000 Future Bonds			0	400,000					400,000
R7100 Prior Bonds	130,000		130,000						130,000
			0						0
Total Cost:	860,000	0	860,000	2,000,000	0	0	0	0	2,860,000



Grier Nursery Road Bridge #43

HIGHWAYS - BRIDGES

Project Number: H204520
Council District: D
Location: Norrisville
Est. Debt Service: \$2,940 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$304,343



■ Expended/Enc. ■ Budget

Project Schedule/Status:

FY 20-23: Design (30% complete)

FY 22: Right of way

FY 24-25: Construction

PROJECT DESCRIPTION:

This project is to replace the entire superstructure for the Grier Nursery Road Bridge over Deer Creek. The deck is in poor condition requiring the reconstruction. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	950,000		950,000						950,000
Land Acquisition	50,000		50,000						50,000
Construction			0	2,100,000	2,100,000				4,200,000
Inspection Fees			0	150,000	150,000				300,000
Equipment/Furnishing			0						0
Total Cost:	1,000,000	0	1,000,000	2,250,000	2,250,000	0	0	0	5,500,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
R3140 Federal TAP	760,000		760,000	1,800,000	1,800,000				4,360,000
R7100 Prior Bonds	140,000		140,000						140,000
R7000 Future Bonds			0	450,000	450,000				900,000
			0						0
Total Cost:	1,000,000	0	1,000,000	2,250,000	2,250,000	0	0	0	5,500,000



Hess Road Bridge #81

HIGHWAYS - BRIDGES

Project Number: New
Council District: D
Location: Monkton
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 26-27: Design

FY 28: Right of way

Outyears: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is to replace the Hess Road Bridge over Yellow Branch. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0		400,000	400,000			800,000
Land Acquisition			0				50,000		50,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	400,000	400,000	50,000	0	850,000

FUNDING SCHEDULE

R3140 Federal TAP			0		320,000	320,000			640,000
R7000 Future Bonds			0		80,000	80,000	50,000		210,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	400,000	400,000	50,000	0	850,000



Hookers Mill Road Bridge #13

HIGHWAYS - BRIDGES

Project Number: H224501
Council District: F
Location: Abingdon
Est. Debt Service: \$3,360 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Right of way and permits; design initiated
 FY 27: Construction

PROJECT DESCRIPTION:

This project is to replace the entire bridge that carries Hookers Mill Road over Bynum Run. The beams, deck and abutments are deteriorated and should be replaced in the next several years. 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	550,000		550,000						550,000
Land Acquisition	50,000		50,000						50,000
Construction			0			2,500,000			2,500,000
Inspection Fees			0			150,000			150,000
Equipment/Furnishing			0						0
Total Cost:	600,000	0	600,000	0	0	2,650,000	0	0	3,250,000

FUNDING SCHEDULE

R3140 Federal TAP	440,000		440,000			2,120,000			2,560,000
R7000 Future Bonds			0			530,000			530,000
R7100 Prior Bonds	160,000		160,000						160,000
			0						0
			0						0
Total Cost:	600,000	0	600,000	0	0	2,650,000	0	0	3,250,000



Kalmia Road Bridge #223

HIGHWAYS - BRIDGES

Project Number: New
Council District: D
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 29/30: Design
FY 30: Right of way and permits
Outyears: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is to replace the entire bridge that carries Kalmia Road over a tributary of Deer Creek. This project is eligible for Federal funding and is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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	0	0	0	0	350,000	350,000

FUNDING SCHEDULE

R3140 Federal TAP			0					280,000	280,000
R7000 Future Bonds			0					70,000	70,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	0	350,000	350,000



Lake Fanny Road Bridge #211

HIGHWAYS - BRIDGES

Project Number: New
Council District: B
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:
 FY 27: Design

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will replace the existing bridge on Lake Fanny over a tributary of Winters Run. The current structure is rated poor due to deterioration of the reinforced concrete slab bridge deck/superstructure.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0			400,000			400,000
Land Acquisition			0				25,000		25,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	400,000	25,000	0	425,000

FUNDING SCHEDULE

R7000 Future Bonds			0			400,000	25,000		425,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	400,000	25,000	0	425,000



Madonna Road Bridge #113

HIGHWAYS - BRIDGES

Project Number: H214505
Council District: D
Location: Madonna
Est. Debt Service: \$3,360 (annual)

Expended/Encumbered as of 1/9/23:

\$18,898



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 21: Design, right of way, permits
 FY 22: Right of way
 FY 28: Construction

PROJECT DESCRIPTION:

This project is to replace the entire bridge that carries Madonna Road over Deer Creek. The beams, deck, and abutments are deteriorated and need to be replaced. 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	550,000		550,000						550,000
Land Acquisition	50,000		50,000						50,000
Construction			0				2,500,000		2,500,000
Inspection Fees			0				150,000		150,000
Equipment/Furnishing			0						0
Total Cost:	600,000	0	600,000	0	0	0	2,650,000	0	3,250,000

FUNDING SCHEDULE

R3140 Federal TAP	440,000		440,000				2,120,000		2,560,000
R7000 Future Bonds			0				530,000		530,000
R7100 Prior Bonds	160,000		160,000						160,000
			0						0
			0						0
Total Cost:	600,000	0	600,000	0	0	0	2,650,000	0	3,250,000



Old Pylesville Road Bridge #138

HIGHWAYS - BRIDGES

Project Number: New
Council District: D
Location: Pylesville
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None:

Project Schedule/Status:

FY 29: Design

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project will replace the existing bridge on Old Pylesville Road over Jacks Hole stream. The current structure is a poor rated structure with both the deck and supestructure in poor condition. Replacement of the bridge will remove a poor rated bridge from the County inventory.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0					400,000	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	400,000	400,000

FUNDING SCHEDULE

R7000 Future Bonds			0					400,000	400,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	0	400,000	400,000



St. Clair Bridge Road Bridge #100

HIGHWAYS - BRIDGES

Project Number: New
Council District: D
Location: Street
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: 0

Project Schedule/Status:

FY 25-26: Design
 FY 27: Right of way
 FY 29: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is to replace the deck for the bridge that carries St. Clair Bridge Road over Deer Creek. The current bridge is listed in fair condition. This project is eligible for Federal aid funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0	400,000	400,000				800,000
Land Acquisition			0			25,000			25,000
Construction			0					1,800,000	1,800,000
Inspection Fees			0					100,000	100,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	400,000	400,000	25,000	0	1,900,000	2,725,000

FUNDING SCHEDULE

R3140 Federal TAP			0	320,000	320,000			1,520,000	2,160,000
R7000 Future Bonds			0	80,000	80,000	25,000		380,000	565,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	400,000	400,000	25,000	0	1,900,000	2,725,000



Stafford Road Bridge #19

HIGHWAYS - BRIDGES

Project Number: New
Council District: D
Location: Darlington
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:
 FY 28/29: Design

Expended/Enc. Budget

PROJECT DESCRIPTION:

This bridge carries Stafford Road over Herring Run. The bridge is under-designed and needs upgraded beams and abutments to carry legal loads. Additionally, the abutment is deteriorated and needs to be reconstructed. The 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 opportunities.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0				350,000	350,000	700,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	0	350,000	350,000	700,000

FUNDING SCHEDULE

R3140 Federal TAP			0				280,000	280,000	560,000
R7000 Future Bonds			0				70,000	70,000	140,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	350,000	350,000	700,000

OPEN / ACTIVE PROJECTS



Bridge Rehabilitation

HIGHWAYS - BRIDGES

Project Number: H054502
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$4,163,376



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

PROJECT DESCRIPTION:

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 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	2,850,000	0	2,850,000	0	0	0	0	0	2,850,000



Chestnut Hill Bridge #40

HIGHWAYS - BRIDGES

Project Number: H114501
Council District: D
Location: Hickory
Est. Debt Service: \$10,668 (annual)

Expended/Encumbered as of 1/9/23:

\$1,639,501



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Construction complete

PROJECT DESCRIPTION:

This project will replace the existing Chestnut Hill 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	340,000		340,000						340,000
Land Acquisition	60,000		60,000						60,000
Construction	1,565,000		1,565,000						1,565,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost:	2,065,000	0	2,065,000	0	0	0	0	0	2,065,000

FUNDING SCHEDULE

R8750 Paygo	124,000		124,000						124,000
R3140 Federal TAP	1,433,000		1,433,000						1,433,000
R7100 Prior Bonds	508,000		508,000						508,000
			0						0
			0						0
Total Cost:	2,065,000	0	2,065,000	0	0	0	0	0	2,065,000



Glen Cove Road Bridge #155

HIGHWAYS - BRIDGES

Project Number: H214504
Council District: D
Location: Dublin
Est. Debt Service: \$30,994 (annual)

Expended/Encumbered as of 1/9/23:

\$899,969



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Construction complete

PROJECT DESCRIPTION:

This project is to replace the bridge that carries Glen Cove Road over Peddler Run closer to MD 440. The existing bridge suffered severe damage in a storm in August, 2018 and was subsequently demolished.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition	50,000		50,000						50,000
Construction	1,350,912		1,350,912						1,350,912
Inspection Fees	75,000		75,000						75,000
Equipment/Furnishing			0						0
Total Cost:	1,475,912	0	1,475,912	0	0	0	0	0	1,475,912

FUNDING SCHEDULE

R7100 Prior Bonds	1,475,915		1,475,915						1,475,915
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
Total Cost:	1,475,915	0	1,475,915	0	0	0	0	0	1,475,915



Phillips Mill Road Bridge #70

HIGHWAYS - BRIDGES

Project Number: H114502
Council District: B
Location: Forest Hill
Est. Debt Service: \$15,750 (annual)

Expended/Encumbered as of 1/9/23:

\$2,991,976



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Construction complete

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	490,000		490,000						490,000
Land Acquisition	60,000		60,000						60,000
Construction	2,850,000		2,850,000						2,850,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	3,550,000	0	3,550,000	0	0	0	0	0	3,550,000

FUNDING SCHEDULE

R8750 Paygo	180,000		180,000						180,000
R3140 Federal TAP	2,620,000		2,620,000						2,620,000
R7100 Prior Bonds	750,000		750,000						750,000
			0						0
			0						0
Total Cost:	3,550,000	0	3,550,000	0	0	0	0	0	3,550,000



Stafford Road Bridge #24

HIGHWAYS - BRIDGES

Project Number: H154502
Council District: D
Location: Darlington
Est. Debt Service: \$17,535 (annual)

Expended/Encumbered as of 1/9/23:

\$3,455,962



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Construction in progress

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	405,000		405,000						405,000
Land Acquisition			0						0
Construction	3,250,000		3,250,000						3,250,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost:	3,755,000	0	3,755,000	0	0	0	0	0	3,755,000

FUNDING SCHEDULE

R8750 Paygo	40,000		40,000						40,000
R3140 Federal TAP	2,880,000		2,880,000						2,880,000
R7100 Prior Bonds	835,000		835,000						835,000
			0						0
			0						0
Total Cost:	3,755,000	0	3,755,000	0	0	0	0	0	3,755,000

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - ROADWAYS

FY 24 Projects

Curb, Sidewalks, Handicap Ramps	2,800,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Drainage Improvements	2,875,000	1,925,000	200,000	150,000	150,000	150,000	150,000	150,000
Guardrails	2,315,000	1,440,000	125,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	7,466,728	5,066,728	400,000	400,000	400,000	400,000	400,000	400,000
New Roads & Stormdrains	4,125,000	3,025,000	100,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Rehabilitation	3,841,231	2,241,231	350,000	250,000	250,000	250,000	250,000	250,000
Streetlights	650,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000
Traffic Calming/Bicycle/Road Saf.	1,550,000	950,000	100,000	100,000	100,000	100,000	100,000	100,000
Traffic Signals	1,489,601	679,601	135,000	135,000	135,000	135,000	135,000	135,000
Trimble Road Joppa to Garnett	2,525,000	75,000	200,000	50,000		1,100,000		1,100,000
Washington Court Access Road	2,450,000	2,150,000	300,000	0	0	0	0	0

Outyear Projects

Carrs Mill Road (MD152-Grafton)	200,000	0	0	100,000	100,000	0	0	0
Perryman Access - Mitchell Lane	2,000,000	0	0	0	0	1,000,000	1,000,000	0
Tollgate Road/Vale Road Corridor	1,775,000	200,000	0	450,000	200,000	0	0	925,000

Open Projects

Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Moore's Mill Road	10,363,088	10,363,088	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
Schucks Road Improvements	1,043,368	1,043,368						
Spesutia Road Recon/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Tollgate Rd (West Ring Factory)	7,423,439	7,423,439	0	0	0	0	0	0
Village of Scot's Fancy Starmount	750,000	750,000	0	0	0	0	0	0
Woodley Rd Extension to 715	12,250,000	12,250,000	0	0	0	0	0	0

ROADWAYS BY PROJECT	74,138,455	56,278,455	2,410,000	2,435,000	2,235,000	2,885,000	3,985,000	3,910,000
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Paygo	23,135,072	15,300,072	910,000	1,385,000	1,385,000	1,385,000	1,385,000	1,385,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
Future Bonds	9,475,000	0	1,450,000	950,000	750,000	1,400,000	2,500,000	2,425,000
Prior Bonds	29,189,343	29,189,343	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	1,783,439	1,783,439	0	0	0	0	0	0
Federal	5,000,000	5,000,000	0	0	0	0	0	0
Developer/Other	5,446,000	4,896,000	50,000	100,000	100,000	100,000	100,000	100,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

ROADWAYS BY FUND	74,138,455	56,278,455	2,410,000	2,435,000	2,235,000	2,885,000	3,985,000	3,910,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - ROADWAYS												
Curb, Sidewalks, Handicapped Ramps	400,000	0	400,000	0	0	0	0	0	0	0	0	0
Drainage Improvements	200,000	0	0	0	200,000	0	0	0	0	0	0	0
Guardrails	125,000	0	125,000	0	0	0	0	0	0	0	0	0
Intersection Improvements	400,000	0	0	0	400,000	0	0	0	0	0	0	0
New Roads & Stormdrains	100,000	0	50,000	0	0	0	0	0	0	0	0	50,000
Stormdrain Rehabilitation	350,000	0	0	0	350,000	0	0	0	0	0	0	0
Streetlights	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle & Road Safety	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0	0
Trimble Rd (Joppa to Garnett)	200,000	0	0	0	200,000	0	0	0	0	0	0	0
Washington Court Access Road	300,000	0	0	0	300,000	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	2,410,000	0	910,000	0	1,450,000	0	0	0	0	0	0	50,000



Curb, Sidewalks, and Handicap Ramp Replacement

HIGHWAYS - ROADS

Project Number: H234502
 Council District: Multiple
 Location: Various
 Est. Debt Service: \$8,400 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None:

Expended/Encumbered as of 1/9/23:

\$4,807



■ Expended/Enc. ■ Budget

Project Schedule/Status:

This is an ongoing program.

PROJECT DESCRIPTION:

This project provides for the construction of and replacement of various damaged curbing (concrete/asphalt curb, mountable curb, curb and gutter) and handicap ramps throughout the County. It will also provide 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	15,000	15,000	30,000	15,000	15,000	15,000	15,000	15,000	105,000
Land Acquisition	5,000	5,000	10,000	5,000	5,000	5,000	5,000	5,000	35,000
Construction	350,000	350,000	700,000	350,000	350,000	350,000	350,000	350,000	2,450,000
Inspection Fees	30,000	30,000	60,000	30,000	30,000	30,000	30,000	30,000	210,000
Equipment/Furnishing			0						0
Total Cost:	400,000	400,000	800,000	400,000	400,000	400,000	400,000	400,000	2,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	400,000		400,000						400,000
R8750 Paygo		400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
			0						0
			0						0
			0						0
Total Cost:	400,000	400,000	800,000	400,000	400,000	400,000	400,000	400,000	2,800,000



Drainage Improvements

HIGHWAYS - ROADS

Project Number: H064506
Council District: Multiple
Location: Various
Est. Debt Service: \$4,200 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,819,440



■ Expended/Enc. ■ Budget

Project Schedule/Status:

This is an ongoing program. Various projects are continually being designed and constructed under this account.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	130,000	25,000	155,000	20,000	20,000	20,000	20,000	20,000	255,000
Land Acquisition	22,250		22,250						22,250
Construction	1,655,000	160,000	1,815,000	120,000	120,000	120,000	120,000	120,000	2,415,000
Inspection Fees	117,750	15,000	132,750	10,000	10,000	10,000	10,000	10,000	182,750
Equipment/Furnishing			0						0
Total Cost:	1,925,000	200,000	2,125,000	150,000	150,000	150,000	150,000	150,000	2,875,000

FUNDING SCHEDULE

R8750 Paygo	1,925,000		1,925,000	150,000	150,000	150,000	150,000	150,000	2,675,000
R7000 Future Bonds		200,000	200,000						200,000
			0						0
			0						0
			0						0
Total Cost:	1,925,000	200,000	2,125,000	150,000	150,000	150,000	150,000	150,000	2,875,000



Guardrails

HIGHWAYS - ROADS

Project Number: H134508
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$1,074,538



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This is an ongoing program.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	190,000	10,000	200,000	10,000	10,000	10,000	10,000	10,000	250,000
Land Acquisition			0						0
Construction	1,200,000	110,000	1,310,000	135,000	135,000	135,000	135,000	135,000	1,985,000
Inspection Fees	50,000	5,000	55,000	5,000	5,000	5,000	5,000	5,000	80,000
Equipment/Furnishing			0						0
Total Cost:	1,440,000	125,000	1,565,000	150,000	150,000	150,000	150,000	150,000	2,315,000

FUNDING SCHEDULE

R8750 Paygo	1,440,000	125,000	1,565,000	150,000	150,000	150,000	150,000	150,000	2,315,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,440,000	125,000	1,565,000	150,000	150,000	150,000	150,000	150,000	2,315,000



Intersection Improvements

HIGHWAYS - ROADS

Project Number: H054507
Council District: Multiple
Location: Various
Est. Debt Service: \$42,735 (annual)

Expended/Encumbered as of 1/9/23:

\$3,657,652



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Bel Air S. Parkway and Tollgate Roundabout
 FY 24: Abingdon Rd & Peverly Run Rd Roundabout

PROJECT DESCRIPTION:

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 the 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	377,500	20,000	397,500	20,000	20,000	20,000	20,000	20,000	497,500
Land Acquisition	115,000		115,000						115,000
Construction	4,206,728	350,000	4,556,728	350,000	350,000	350,000	350,000	350,000	6,306,728
Inspection Fees	367,500	30,000	397,500	30,000	30,000	30,000	30,000	30,000	547,500
Equipment/Furnishing			0						0
Total Cost:	5,066,728	400,000	5,466,728	400,000	400,000	400,000	400,000	400,000	7,466,728

FUNDING SCHEDULE

R8750 Paygo	3,181,728		3,181,728						3,181,728
R6330 Developer	250,000		250,000						250,000
R7100 Prior Bonds	1,635,000		1,635,000						1,635,000
R7000 Future Bonds		400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
			0						0
Total Cost:	5,066,728	400,000	5,466,728	400,000	400,000	400,000	400,000	400,000	7,466,728



New Roads and Stormdrains

HIGHWAYS - ROADS

Project Number: H134510
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$2,046,507



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Various projects are continuously being designed and constructed under this account.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	60,000	2,500	62,500	5,000	5,000	5,000	5,000	5,000	87,500
Land Acquisition	100,000		100,000						100,000
Construction	2,770,000	90,000	2,860,000	185,000	185,000	185,000	185,000	185,000	3,785,000
Inspection Fees	95,000	7,500	102,500	10,000	10,000	10,000	10,000	10,000	152,500
Equipment/Furnishing			0						0
Total Cost:	3,025,000	100,000	3,125,000	200,000	200,000	200,000	200,000	200,000	4,125,000

FUNDING SCHEDULE

R8750 Paygo	525,000	50,000	575,000	100,000	100,000	100,000	100,000	100,000	1,075,000
R6330 Developer	2,500,000	50,000	2,550,000	100,000	100,000	100,000	100,000	100,000	3,050,000
			0						0
			0						0
			0						0
Total Cost:	3,025,000	100,000	3,125,000	200,000	200,000	200,000	200,000	200,000	4,125,000



Stormdrain Rehabilitation

HIGHWAYS - ROADS

Project Number: H064513
Council District: Multiple
Location: Various
Est. Debt Service: \$4,200 (annual)

Expended/Encumbered as of 1/9/23:
 \$2,190,292



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Various projects are continuously being designed and constructed under this account.

PROJECT DESCRIPTION:

Funds are to be used for replacement/rehabilitation/repair of existing stormdrain systems throughout the County. Additional funds are to be used 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).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	320,000	15,000	335,000	10,000	10,000	10,000	10,000	10,000	385,000
Land Acquisition			0						0
Construction	1,746,231	310,000	2,056,231	225,000	225,000	225,000	225,000	225,000	3,181,231
Inspection Fees	175,000	25,000	200,000	15,000	15,000	15,000	15,000	15,000	275,000
Equipment/Furnishing			0						0
Total Cost:	2,241,231	350,000	2,591,231	250,000	250,000	250,000	250,000	250,000	3,841,231

FUNDING SCHEDULE

R8750 Paygo	2,041,231		2,041,231	250,000	250,000	250,000	250,000	250,000	3,291,231
R7100 Prior Bonds	200,000		200,000						200,000
R7000 Future Bonds		350,000	350,000						350,000
			0						0
			0						0
Total Cost:	2,241,231	350,000	2,591,231	250,000	250,000	250,000	250,000	250,000	3,841,231



Streetlights

HIGHWAYS - ROADS

Project Number: H234503
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$49,700



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings: X
 None:

Project Schedule/Status:

Schedule to be determined.

PROJECT DESCRIPTION:

This project provides for the upgrading of County owned streetlights. This consists of the complete replacement of streetlights and/or the replacement of the lighting to LED. The replacement of these lighting fixtures will result in monthly energy savings. This project will also include repairs to existing streetlights.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	5,000	10,000	15,000	10,000	10,000	10,000	10,000	10,000	65,000
Land Acquisition			0						0
Construction	45,000	90,000	135,000	90,000	90,000	90,000	90,000	90,000	585,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	50,000	100,000	150,000	100,000	100,000	100,000	100,000	100,000	650,000

FUNDING SCHEDULE

R8750 Paygo	50,000	100,000	150,000	100,000	100,000	100,000	100,000	100,000	650,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	50,000	100,000	150,000	100,000	100,000	100,000	100,000	100,000	650,000



Traffic Calming, Bicycle & Road Safety Improvements

HIGHWAYS - ROADS

Project Number: H104513
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$888,465



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Various projects are continuously being designed and constructed under this account.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	160,000
Land Acquisition			0						0
Construction	760,000	85,000	845,000	85,000	85,000	85,000	85,000	85,000	1,270,000
Inspection Fees	90,000	5,000	95,000	5,000	5,000	5,000	5,000	5,000	120,000
Equipment/Furnishing			0						0
Total Cost:	950,000	100,000	1,050,000	100,000	100,000	100,000	100,000	100,000	1,550,000

FUNDING SCHEDULE

R8750 Paygo	950,000	100,000	1,050,000	100,000	100,000	100,000	100,000	100,000	1,550,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	950,000	100,000	1,050,000	100,000	100,000	100,000	100,000	100,000	1,550,000



Traffic Signals

HIGHWAYS - ROADS

Project Number: H154505
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$54,856



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23/24: Traffic signal design/replacement
 at Joppa Farm Rd / Trimble Rd

PROJECT DESCRIPTION:

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 cost approximately \$40,000.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	60,000	10,000	70,000	10,000	10,000	10,000	10,000	10,000	120,000
Land Acquisition			0						0
Construction	594,601	120,000	714,601	120,000	120,000	120,000	120,000	120,000	1,314,601
Inspection Fees	25,000	5,000	30,000	5,000	5,000	5,000	5,000	5,000	55,000
Equipment/Furnishing			0						0
Total Cost:	679,601	135,000	814,601	135,000	135,000	135,000	135,000	135,000	1,489,601

FUNDING SCHEDULE

R8750 Paygo	570,000	135,000	705,000	135,000	135,000	135,000	135,000	135,000	1,380,000
R8770 Reappropriated	109,601		109,601						109,601
			0						0
			0						0
			0						0
Total Cost:	679,601	135,000	814,601	135,000	135,000	135,000	135,000	135,000	1,489,601



Trimble Road (Joppa Road to Garnett Road)

HIGHWAYS - ROADS

Project Number: H204522
Council District: A
Location: Joppatowne
Est. Debt Service: \$5,250 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23-24: Engineering/Design

FY 26: Right of way

FY 28: Construction

PROJECT DESCRIPTION:

As the Joppatowne community continues to grow, Trimble Road is experiencing increasing traffic volumes. This project will investigate the need for safety and capacity improvements along the segment from Joppa Road to Garnett Road. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	75,000	200,000	275,000						275,000
Land Acquisition			0		50,000				50,000
Construction			0				1,000,000	1,000,000	2,000,000
Inspection Fees			0				100,000	100,000	200,000
Equipment/Furnishing			0						0
Total Cost:	75,000	200,000	275,000	0	50,000	0	1,100,000	1,100,000	2,525,000

FUNDING SCHEDULE

R8750 Paygo	25,000		25,000						25,000
R7100 Prior Bonds	50,000		50,000						50,000
R7000 Future Bonds		200,000	200,000		50,000		1,100,000	1,100,000	2,450,000
			0						0
			0						0
Total Cost:	75,000	200,000	275,000	0	50,000	0	1,100,000	1,100,000	2,525,000



Washington Court Access Road

HIGHWAYS - ROADS

Project Number: H214506
Council District: A
Location: Edgewood
Est. Debt Service: \$51,450 (annual)

Expended/Encumbered as of 1/9/23:

\$62,426



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 21: Design
 FY 24: Construction

PROJECT DESCRIPTION:

This project is for new access road (approximately 800' long) to the Washington Court property off of Cedar Lane in Edgewood. Current road connections to this site are through existing subdivisions and not conducive to higher volumes of traffic. The project was originally designed in 2007, but has been inactive since that time. This project will update the design to current standards and provide construction funding for the work.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	2,000,000	300,000	2,300,000						2,300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,150,000	300,000	2,450,000	0	0	0	0	0	2,450,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,150,000		2,150,000						2,150,000
R7000 Future Bonds		300,000	300,000						300,000
			0						0
			0						0
			0						0
Total Cost:	2,150,000	300,000	2,450,000	0	0	0	0	0	2,450,000

OUTYEAR PROJECTS

FY 25 - FY 29



Carrs Mill Road (MD 152-Grafton Shop Road)

HIGHWAYS - ROADS

Project Number: New
Council District: B
Location: Fallston
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 25: Design
FY 26: Right of way
Outyears: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

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. Previous improvements include new guardrails and the removal of several large rock outcroppings directly adjacent to the roadway. Future improvements will include a widening and realigning of the roadway to improve the safety and a realignment of the intersection(s) of Vale Road and Carrs Mill Road. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0	100,000					100,000
Land Acquisition			0		100,000				100,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	100,000	100,000	0	0	0	200,000

FUNDING SCHEDULE

R7000 Future Bonds			0	100,000	100,000				200,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	100,000	100,000	0	0	0	200,000



Perryman Access - Mitchell Lane

HIGHWAYS - ROADS

Project Number: New
Council District: F
Location: Perryman
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 27: Engineering
FY 28: Right of way
Outyears: Construction
Design is approximately 35% complete.

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is for the construction of a new road and bridge that will connect US 40 in the vicinity of Mitchell Lane to the northern site of the Perryman peninsula. The project will be the main access for the residential development west of Perryman and to the north of Amtrak railroad tracks. The County's portion of the project will extend 1/2 mile north of the US 40 intersection. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0			1,000,000			1,000,000
Land Acquisition			0				1,000,000		1,000,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	1,000,000	1,000,000	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
Total Cost:	0	0	0	0	0	1,000,000	1,000,000	0	2,000,000



Tollgate Road/Vale Road Corridor

HIGHWAYS - ROADS

Project Number: H224504
Council District: B
Location: Bel Air/Fallston
Est. Debt Service: \$4,200 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 22: Design for Phase 1
 FY 25: Construction for Phase 1
 FY 26: Design for Phase 2
 FY 29: Construction for Phase 2

PROJECT DESCRIPTION:

The Tollgate Road-Vale Road Corridor between Business Route 1 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 Vale Road intersection(s) with Carrs Mill Road and create a conventional single point intersection. Phase 2 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	200,000		200,000		200,000				400,000
Land Acquisition			0						0
Construction			0	400,000				850,000	1,250,000
Inspection Fees			0	50,000				75,000	125,000
Equipment/Furnishing			0						0
Total Cost:	200,000	0	200,000	450,000	200,000	0	0	925,000	1,775,000

FUNDING SCHEDULE

R7000 Future Bonds			0	450,000	200,000				650,000
R7100 Prior Bonds	200,000		200,000						200,000
R7000 Future Bonds			0					925,000	925,000
			0						0
			0						0
Total Cost:	200,000	0	200,000	450,000	200,000	0	0	925,000	1,775,000

OPEN / ACTIVE PROJECTS



Landis Circle - Foxborough Farms

HIGHWAYS - ROADS

Project Number: H154504
Council District: E
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$255,377



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Petition received from residents, public meeting held, received document with residents acknowledging that they are responsible for improvements.

PROJECT DESCRIPTION:

To convert Landis Circle from a private road to a County road. Funds will be required for pavement, storm drain, curb, etc. to meet county standards.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	320,000		320,000						320,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost:	350,000	0	350,000	0	0	0	0	0	350,000

FUNDING SCHEDULE

R6999 Other	350,000		350,000						350,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	350,000	0	350,000	0	0	0	0	0	350,000



Moores Mill Road

HIGHWAYS - ROADS

Project Number: H984519
Council District: Multiple
Location: Various
Est. Debt Service: \$141,350 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$9,479,767

Project Schedule/Status:



■ Expended/Enc. ■ Budget

PROJECT DESCRIPTION:

This project consisted 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 linear feet of closed section road is proposed to be built. Moores Mill Road functions as a collector road between two State roads. Phase 1 is from US 1 (Business) east to Southampton Road. Phase 2 is from US 1 (Business) west to MD 924 and needs to start construction prior to January 2017 or the project will need to be completely redesigned to meet the new SWM regulations (currently grandfathered). This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	221,000		221,000						221,000
Land Acquisition	550,000		550,000						550,000
Construction	9,142,088		9,142,088						9,142,088
Inspection Fees	450,000		450,000						450,000
Equipment/Furnishing			0						0
Total Cost:	10,363,088	0	10,363,088	0	0	0	0	0	10,363,088

FUNDING SCHEDULE

R8750 Paygo	2,012,113		2,012,113						2,012,113
R3350 State Hwys/St.	720,000		720,000						720,000
R6999 Other	856,708		856,708						856,708
R6340 Corporate/Bus	43,292		43,292						43,292
R7100 Prior Bonds	6,730,975		6,730,975						6,730,975
Total Cost:	10,363,088	0	10,363,088	0	0	0	0	0	10,363,088



Primrose Place

HIGHWAYS - ROADS

Project Number: H034508
Council District: F
Location: Riverside
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$132,605



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2022.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	146,000	0	146,000	0	0	0	0	0	146,000



Schucks Road Improvements

HIGHWAYS - ROADS

Project Number: H064503
Council District: E
Location: Bel Air
Est. Debt Service: \$21,911 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$737,697

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

This project consisted 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 linear feet of closed section road is proposed to be built. Moores Mill Road functions as a collector road between two State roads. Phase 1 is from US 1 (Business) east to Southampton Road. Phase 2 is from US 1 (Business) west to MD 924 and needs to start construction prior to January 2017 or the project will need to be completely redesigned to meet the new SWM regulations (currently grandfathered). This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	22,630		22,630						22,630
Land Acquisition			0						0
Construction	1,020,738		1,020,738						1,020,738
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,043,368	0	1,043,368	0	0	0	0	0	1,043,368

FUNDING SCHEDULE

R7100 Prior Bonds	1,043,368		1,043,368						1,043,368
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,043,368	0	1,043,368	0	0	0	0	0	1,043,368



Spesutia Road Reconstruction/Upgrade

HIGHWAYS - ROADS

Project Number: H194508
Council District: F
Location: Perryman
Est. Debt Service: \$110,250 (annual)

Expended/Encumbered as of 1/9/23:

\$570,300



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 19: Preliminary Analysis/Design
 FY 20: Right of Way acquisition
 FY 22: Construction

PROJECT DESCRIPTION:

This project consists of improving Spesutia Road between US40 and MD 159 to address safety and traffic volume increases due to the continuous and ongoing development in the Perryman peninsula area. Approximately 4,000 linear feet of closed section road is proposed to be built. Spesutia Road functions as a collector road between two State roads. The improvements are proposed to include capacity upgrades at the two State road intersections as well as road widening to accommodate a bicycle shoulder/lane and sidewalks where necessary.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	500,000		500,000						500,000
Land Acquisition	250,000		250,000						250,000
Construction	5,000,000		5,000,000						5,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,750,000	0	5,750,000	0	0	0	0	0	5,750,000

FUNDING SCHEDULE

R8750 Paygo	500,000		500,000						500,000
R7100 Prior Bonds	5,250,000		5,250,000						5,250,000
			0						0
			0						0
			0						0
Total Cost:	5,750,000	0	5,750,000	0	0	0	0	0	5,750,000



Tollgate Rd (West Ring Factory Rd to Plumtree Rd)

HIGHWAYS - ROADS

Project Number: H034501
Council District: C
Location: Bel Air
Est. Debt Service: \$89,880 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$5,766,791



■ Expended/Enc. ■ Budget

Project Schedule/Status:

PROJECT DESCRIPTION:

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. This project is to be constructed in two phases.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	190,000		190,000						190,000
Land Acquisition	275,000		275,000						275,000
Construction	6,618,439		6,618,439						6,618,439
Inspection Fees	340,000		340,000						340,000
Equipment/Furnishing			0						0
Total Cost:	7,423,439	0	7,423,439	0	0	0	0	0	7,423,439

FUNDING SCHEDULE

R8750 Paygo	2,080,000		2,080,000						2,080,000
R7100 Prior Bonds	4,280,000		4,280,000						4,280,000
R3350 State Hwys/St.	1,063,439		1,063,439						1,063,439
			0						0
			0						0
Total Cost:	7,423,439	0	7,423,439	0	0	0	0	0	7,423,439



Village of Scot's Fancy Starmount Lane

HIGHWAYS - ROADS

Project Number: H054515
Council District: E
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$715,128



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project remains open to accept special assessments.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	750,000	0	750,000	0	0	0	0	0	750,000



Woodley Road Extension to MD 715

HIGHWAYS - ROADS

Project Number: H204523
Council District: F
Location: Perryman
Est. Debt Service: \$152,250 (annual)

Expended/Encumbered as of 1/9/23:

\$1,300,823



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 20: Design/utility relocation
 FY 21: Construction/golf course and site prep
 FY 22: Road construction

PROJECT DESCRIPTION:

This project will provide a connection from MD 715 to the existing dead end portion of Woodley Road. Currently, the only connection into the Perryman peninsula, south of the Amtrak railroad is by way of the Chelsea Road bridge and MD159. In the event of any emergencies along MD 159 or the Amtrak bridge, there will be no way of accessing the Sod Run Sewage Treatment Plant or the eight large warehouses in the area. Additionally, traffic volumes along MD159 will continue to increase with ongoing development, further exasperating delays along the connections to US40. This proposed connection to MD715 will provide a critical second access to the area. The vast majority of this road (approximately 11,100 feet) has already been constructed by the Eastgate development, leaving approximately 1,000' of road to complete the connection.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,250,000		1,250,000						1,250,000
Land Acquisition			0						0
Construction	11,000,000		11,000,000						11,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	12,250,000	0	12,250,000	0	0	0	0	0	12,250,000

FUNDING SCHEDULE

R7100 Prior Bonds	7,250,000		7,250,000						7,250,000
R3199 Federal Other	5,000,000		5,000,000						5,000,000
R7000 Future Bonds			0						0
			0						0
			0						0
Total Cost:	12,250,000	0	12,250,000	0	0	0	0	0	12,250,000

FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - RESURFACING

FY 24 Projects

Resurfacing Roadways	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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RESURFACING BY PROJECT	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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Paygo	96,547,870	43,697,870	7,725,000	8,625,000	8,825,000	9,025,000	9,225,000	9,425,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	873,825	873,825	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	0	0	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	6,226,175	126,175	1,600,000	900,000	900,000	900,000	900,000	900,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

RESURFACING BY FUND	103,647,870	44,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - RESURFACING												
Resurfacing Roadways	9,325,000	0	7,725,000	0	0	0	0	0	0	0	0	1,600,000
SUB-TOTAL RESURFACING	9,325,000	0	7,725,000	0	0	0	0	0	0	0	0	1,600,000



Resurfacing Roadways

HIGHWAYS - RESURFACING

Project Number: H184503
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$32,791,415



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Various projects are continuously being designed and constructed under this account.

PROJECT DESCRIPTION:

This is an ongoing project activity to resurface the County's 685+ 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 sub base, 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	450,000	75,000	525,000	75,000	75,000	75,000	75,000	75,000	900,000
Land Acquisition			0						0
Construction	43,047,870	9,000,000	52,047,870	9,200,000	9,400,000	9,600,000	9,800,000	10,000,000	100,047,870
Inspection Fees	1,200,000	250,000	1,450,000	250,000	250,000	250,000	250,000	250,000	2,700,000
Equipment/Furnishing			0						0
Total Cost:	44,697,870	9,325,000	54,022,870	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000	103,647,870

FUNDING SCHEDULE

R8750 Paygo	43,697,870	7,725,000	51,422,870	8,625,000	8,825,000	9,025,000	9,225,000	9,425,000	96,547,870
R8095 Reapp. Interest	873,825		873,825						873,825
R6130 Invest. Income	126,175	1,600,000	1,726,175	900,000	900,000	900,000	900,000	900,000	6,226,175
			0						0
			0						0
Total Cost:	44,697,870	9,325,000	54,022,870	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000	103,647,870

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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HIGHWAYS - MISCELLANEOUS

FY 24 Projects

Efficiency Capital Investment	430,000	405,000	25,000	0	0	0	0	0
Fleet Replacement	50,392,000	20,192,000	4,000,000	4,300,000	4,700,000	5,200,000	5,700,000	6,300,000
Highways Facilities Repair Program	2,127,000	1,527,000	100,000	100,000	100,000	100,000	100,000	100,000
Lease/SBITA Assets 24	2,000,000	0	2,000,000	0	0	0	0	0
Norrisville Highways Facility	725,000	4,200,000	(3,475,000)	0	0	0	0	0
Refresh Program	1,300,500	790,500	510,000	0	0	0	0	0
Safeguarding Business Operations	4,427,450	3,787,450	265,000	75,000	75,000	75,000	75,000	75,000

Open Projects

APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0
Harford Metro Area Network	930,000	930,000	0	0	0	0	0	0
Lease/SBITA Assets 21	2,000,000	2,000,000	0	0	0	0	0	0
Sidewalks & Handicapped Ramps	1,829,300	1,829,300	0	0	0	0	0	0

MISCELLANEOUS BY PROJECT	75,907,250	45,407,250	3,425,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
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Paygo	62,632,708	30,657,708	4,900,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	8,391,000	11,866,000	(3,475,000)	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	294,650	294,650	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0
Developer/Other	419,592	419,592	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	4,000,000	2,000,000	2,000,000	0	0	0	0	0

MISCELLANEOUS BY FUND	75,907,250	45,407,250	3,425,000	4,475,000	4,875,000	5,375,000	5,875,000	6,475,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - MISCELLANEOUS												
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	4,000,000	0	4,000,000	0	0	0	0	0	0	0	0	0
Highways Facilities Repair Program	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Lease/SBITA Assets 24	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0
Norrisville Highways Facility	(3,475,000)	0	0	(3,475,000)	0	0	0	0	0	0	0	0
Refresh Program	510,000	0	510,000	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	265,000	0	265,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	3,425,000	0	4,900,000	(3,475,000)	0	2,000,000	0	0	0	0	0	0



Efficiency Capital Investment Projects

HIGHWAYS - MISCELLANEOUS

Project Number: H134507
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$267,892



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings: X
 None:

Project Schedule/Status:

Ongoing - implement energy efficient measures and projects throughout the County.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	40,000		40,000						40,000
Land Acquisition			0						0
Construction	85,000	25,000	110,000						110,000
Inspection Fees			0						0
Equipment/Furnishing	280,000		280,000						280,000
Total Cost:	405,000	25,000	430,000	0	0	0	0	0	430,000

FUNDING SCHEDULE

R8750 Paygo	245,000	25,000	270,000						270,000
R6999 Other	10,000		10,000						10,000
R3399 State Other	150,000		150,000						150,000
			0						0
			0						0
Total Cost:	405,000	25,000	430,000	0	0	0	0	0	430,000



Fleet Replacement

HIGHWAYS - MISCELLANEOUS

Project Number: H124507
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$19,991,535



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings: X
 None:

Project Schedule/Status:

This project will be managed/controlled by the
 Department of Procurement, Fleet Management
 Division.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	20,192,000	4,000,000	24,192,000	4,300,000	4,700,000	5,200,000	5,700,000	6,300,000	50,392,000
Total Cost:	20,192,000	4,000,000	24,192,000	4,300,000	4,700,000	5,200,000	5,700,000	6,300,000	50,392,000

FUNDING SCHEDULE

R8750 Paygo	20,192,000	4,000,000	24,192,000	4,300,000	4,700,000	5,200,000	5,700,000	6,300,000	50,392,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	20,192,000	4,000,000	24,192,000	4,300,000	4,700,000	5,200,000	5,700,000	6,300,000	50,392,000



Highways Facilities Repair Program

HIGHWAYS - MISCELLANEOUS

Project Number: H034506
Council District: Multiple
Location: Various
Est. Debt Service: \$8,820 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:
 \$1,117,758



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

This is an ongoing program.

PROJECT DESCRIPTION:

This project will allow for an umbrella facilities repair and improvement fund for the County Highways buildings. The program would allow for the timely repair/replacement of deteriorating roofs, parking lots, HVAC equipment, windows, salt domes and other building structures.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	179,000	5,000	184,000	5,000	5,000	5,000	5,000	5,000	209,000
Land Acquisition	1,184,200		1,184,200						1,184,200
Construction	158,800	90,000	248,800	90,000	90,000	90,000	90,000	90,000	698,800
Inspection Fees	5,000	5,000	10,000	5,000	5,000	5,000	5,000	5,000	35,000
Equipment/Furnishing			0						0
Total Cost:	1,527,000	100,000	1,627,000	100,000	100,000	100,000	100,000	100,000	2,127,000

FUNDING SCHEDULE

R8750 Paygo	1,107,000	100,000	1,207,000	100,000	100,000	100,000	100,000	100,000	1,707,000
R7100 Prior Bonds	420,000		420,000						420,000
R7000 Future Bonds			0						0
			0						0
			0						0
Total Cost:	1,527,000	100,000	1,627,000	100,000	100,000	100,000	100,000	100,000	2,127,000



Lease/SBITA Assets 24

HIGHWAYS - MISCELLANEOUS

Project Number: H244503
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$0

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Multiple highway fund leases and SBITAs ending at different time periods.

Expended/Enc. Budget

PROJECT DESCRIPTION:

Under the new Governmental Accounting Standard Board (GASB) 87: Leases and 96: Subscription Based Information Technology Arrangements (SBITAs), these funds will be used to purchase lease and SBITA assets through lease financing agreements.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		2,000,000	2,000,000						2,000,000
Total Cost:	0	2,000,000	2,000,000	0	0	0	0	0	2,000,000

FUNDING SCHEDULE

R7150 Lease Finance		1,000,000	1,000,000						1,000,000
R7151 SBITA Finance		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
Total Cost:	0	2,000,000	2,000,000	0	0	0	0	0	2,000,000



Norrisville Highways Facility

HIGHWAYS - MISCELLANEOUS

Project Number: H224506
Council District: D
Location: Norrisville
Est. Debt Service: \$15,225 (annual)

Expended/Encumbered as of 1/9/23:

\$10,825



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Construction of salt dome, access road and parking lot

FY 23/24: Construction of Highways Facility

PROJECT DESCRIPTION:

This project is in coordination with Parks and Recreation's construction of Norrisville Park. It allows for the construction of a new salt dome and facility for Highways Maintenance, as well as an access road and parking lot.

Funds reallocated to the following projects:

Boggs Road Bridge #66 @ \$1,500,000

Bridge & Culvert Rehab @ \$1,200,000

Deep Run Road Bridge #152 @ \$775,000

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	3,950,000	(3,475,000)	475,000						475,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	4,200,000	(3,475,000)	725,000	0	0	0	0	0	725,000

FUNDING SCHEDULE

R7100 Prior Bonds	4,200,000	(3,475,000)	725,000						725,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	4,200,000	(3,475,000)	725,000	0	0	0	0	0	725,000



Refresh Program

HIGHWAYS - MISCELLANEOUS

Project Number: H134511
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$591,762



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	790,500	510,000	1,300,500						1,300,500
Total Cost:	790,500	510,000	1,300,500	0	0	0	0	0	1,300,500

FUNDING SCHEDULE

R8750 Paygo	790,500	510,000	1,300,500						1,300,500
			0						0
			0						0
			0						0
			0						0
Total Cost:	790,500	510,000	1,300,500	0	0	0	0	0	1,300,500



Safeguarding Business Operations

HIGHWAYS - MISCELLANEOUS

Project Number: H114507
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$3,277,726



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,787,450	265,000	4,052,450	75,000	75,000	75,000	75,000	75,000	4,427,450
Total Cost:	3,787,450	265,000	4,052,450	75,000	75,000	75,000	75,000	75,000	4,427,450

FUNDING SCHEDULE

R8750 Paygo	3,787,450	265,000	4,052,450	75,000	75,000	75,000	75,000	75,000	4,427,450
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,787,450	265,000	4,052,450	75,000	75,000	75,000	75,000	75,000	4,427,450

OPEN / ACTIVE PROJECTS



APG Gate PILOT

HIGHWAYS - MISCELLANEOUS

Project Number: H164503
Council District: Multiple
Location: Various
Est. Debt Service: (annual)

Expended/Encumbered as of 1/9/23:

\$2,105,686



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed when remaining balance is expended.

PROJECT DESCRIPTION:

Funds will be used to develop transportation/road improvements servicing Aberdeen Proving Ground or other surrounding business districts.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,500,000		2,500,000						2,500,000
Total Cost:	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000

FUNDING SCHEDULE

R8750 Paygo APG PILOT	2,105,758		2,105,758						2,105,758
R6999 Other	394,242		394,242						394,242
			0						0
			0						0
			0						0
Total Cost:	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000



Fleet Maintenance Facility

HIGHWAYS - MISCELLANEOUS

Project Number: H184504
Council District: C
Location: Hickory
Est. Debt Service: \$152,166 (annual)

Expended/Encumbered as of 1/9/23:
 \$5,632,222



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Project is under construction and on schedule.

FY 19: Design

FY 22: Construction

PROJECT DESCRIPTION:

This project provides for engineering, design and construction of a new Fleet Maintenance/Radio Shop facility for Harford County and the Board of Education. The facility was listed as a high priority in the Countywide Facilities Master Plan Study.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	716,000		716,000						716,000
Land Acquisition			0						0
Construction	6,530,000		6,530,000						6,530,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	7,246,000	0	7,246,000	0	0	0	0	0	7,246,000

FUNDING SCHEDULE

R7100 Prior Bonds	7,246,000		7,246,000						7,246,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	7,246,000	0	7,246,000	0	0	0	0	0	7,246,000



Harford County Metro Area Network (HMAN)

HIGHWAYS - MISCELLANEOUS

Project Number: H134509
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$925,902



■ Expended/Enc. ■ Budget

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:
 This project is ongoing.

PROJECT DESCRIPTION:

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 will allow consideration 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 government, public safety, education, health care, commercial and residential users a single infrastructure, with complete sovereignty and security, on an advanced consolidated core backbone.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	930,000	0	930,000	0	0	0	0	0	930,000



Lease/SBITA Assets 21

HIGHWAYS - MISCELLANEOUS

Project Number: H214502
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2023.

PROJECT DESCRIPTION:

Under the new Governmental Accounting Standard Board (GASB) 87: Leases and 96: Subscription Based Information Technology Arrangements (SBITAs), these funds will be used to purchase lease and SBITA assets through lease financing agreements.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,000,000		2,000,000						2,000,000
Total Cost:	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

FUNDING SCHEDULE

R7150 Lease Finance	1,000,000		1,000,000						1,000,000
R7151 SBITA Finance	1,000,000		1,000,000						1,000,000
			0						0
			0						0
			0						0
Total Cost:	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000



Sidewalks and Handicapped Ramps

HIGHWAYS - MISCELLANEOUS

Project Number: H104512
Council District: Multiple
Location: Various
Est. Debt Service: \$4,723 (annual)

Expended/Encumbered as of 1/9/23:

\$1,505,718



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program when all remaining funds have been expended.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	115,000		115,000						115,000
Land Acquisition	45,000		45,000						45,000
Construction	1,564,300		1,564,300						1,564,300
Inspection Fees	105,000		105,000						105,000
Equipment/Furnishing			0						0
Total Cost:	1,829,300	0	1,829,300	0	0	0	0	0	1,829,300

FUNDING SCHEDULE

R8750 Paygo	1,500,000		1,500,000						1,500,000
R3199 Federal Other	169,300		169,300						169,300
R3399 State Other	144,650		144,650						144,650
R6999 Other	15,350		15,350						15,350
			0						
Total Cost:	1,829,300	0	1,829,300	0	0	0	0	0	1,829,300

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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WATER PROJECTS

FY 24 Projects

Abingdon Park Water Main	1,500,000	1,000,000	500,000	0	0	0	0	0
Abingdon WTP Switch Gear	6,150,000	5,150,000	1,000,000	0	0	0	0	0
Infrastructure Mgmt System Enh.	2,050,000	700,000	400,000	250,000	250,000	150,000	150,000	150,000
Joppatowne Facility Improvement	4,000,000	250,000	750,000	750,000	750,000	750,000	750,000	0
Magnolia Booster Station	481,628	1,800,000	(1,318,372)	0	0	0	0	0
MDTA I-95 Improvements	4,450,000	1,450,000	3,000,000	0	0	0	0	0
Oak Grove Booster Station	2,830,000	2,330,000	500,000	0	0	0	0	0
Renewal & Replacement Water	11,756,992	2,650,000	2,256,992	1,250,000	1,600,000	1,800,000	1,500,000	700,000
Replace. Water Booster SCADA	3,250,000	2,250,000	1,000,000	0	0	0	0	0
SCADA Information Mgmt Syst.	6,000,000	2,500,000	2,500,000	1,000,000	0	0	0	0
SHA Improvement Projects	1,890,000	590,000	300,000	0	500,000	0	500,000	0
US 40 Water Main Replacement	1,350,000	600,000	250,000	0	250,000	0	250,000	0
Water & Sewer Infrastructure	7,491,340	1,241,340	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Water Meter Upgrade	2,860,000	2,110,000	250,000	0	250,000	0	250,000	0
Water Zone Improvements	1,730,000	1,030,000	200,000	100,000	200,000	0	200,000	0

Outyear Projects

City of Baltimore - Deer Creek PS	8,200,000	5,200,000	0	3,000,000	0	0	0	0
Central W&S Laboratory	3,335,000	335,000	0	3,000,000	0	0	0	0
HdG Water Treatment Plant	1,950,000	1,150,000	0	0	0	0	0	800,000
Perryman GAC Plant Improvement	1,150,000	250,000	0	150,000	750,000	0	0	0
Perryman Wellfield Improvements	3,850,000	350,000	0	0	0	3,500,000	0	0

Open Projects

Abingdon Road Water	3,271,540	3,271,540	0	0	0	0	0	0
Abingdon WTP pH Control System	250,000	250,000	0	0	0	0	0	0
City of Baltimore Raw Water	1,300,000	1,300,000	0	0	0	0	0	0
700 MHz Wireless Radio System	607,660	607,660	0	0	0	0	0	0
Water Tank Design/Construction	300,000	300,000	0	0	0	0	0	0

WATER BY PROJECT	82,004,160	38,665,540	12,838,620	10,500,000	5,550,000	7,200,000	4,600,000	2,650,000
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WATER PROJECTS

Paygo	38,029,000	15,379,000	6,150,000	4,500,000	4,050,000	2,200,000	3,100,000	2,650,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	20,500,000	0	6,500,000	6,000,000	1,500,000	5,000,000	1,500,000	0
Prior Bonds	22,986,540	22,986,540	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	488,620	300,000	188,620	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

WATER BY FUND	82,004,160	38,665,540	12,838,620	10,500,000	5,550,000	7,200,000	4,600,000	2,650,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
WATER PROJECTS												
Abingdon Park Water Main	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Abingdon WTP Switch Gear/Generator	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0
Infrastructure Mgmt System	400,000	0	400,000	0	0	0	0	0	0	0	0	0
Joppatowne Facility Improvements	750,000	0	750,000	0	0	0	0	0	0	0	0	0
Magnolia Booster Station	(1,318,372)	(56,992)	0	(1,261,380)	0	0	0	0	0	0	0	0
MDTA I-95 Improvements	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0
Oak Grove Booster Station	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Renewal & Replacement Water Infrs.	2,256,992	56,992	750,000	1,261,380	0	0	0	0	0	0	0	188,620
Replacement of Water Booster Station	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0
SCADA Information Management Syst.	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0	0
SHA Improvement Projects	300,000	0	300,000	0	0	0	0	0	0	0	0	0
US 40 Water Main Replacement	250,000	0	250,000	0	0	0	0	0	0	0	0	0
Water & Sewer Infrastructure Improve.	1,250,000	0	1,250,000	0	0	0	0	0	0	0	0	0
Water Meter Upgrade	250,000	0	250,000	0	0	0	0	0	0	0	0	0
Water Zone Improvements	200,000	0	200,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER	12,838,620	0	6,150,000	0	6,500,000	0	0	0	0	0	0	188,620



Abingdon Park Water Main

WATER

Project Number: W235401
Council District: A
Location: Abingdon
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Currently under design with developer
CY 23: Construction anticipated

PROJECT DESCRIPTION:

This project provides the funding for the County cost share to increase the size of the developer built 16" diameter water transmission main serving the proposed Abingdon Business Park to meet other system demands. The project will increase the size of 8,806 feet of water main on Edgewood Road from a 16" to 24" diameter main and increase the size of 1,145 feet of water main in Abingdon Road from a 16" to 30" diameter main.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,000,000	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:	1,000,000	500,000	1,500,000	0	0	0	0	0	1,500,000

FUNDING SCHEDULE

R8750 Paygo	1,000,000	500,000	1,500,000						1,500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,000,000	500,000	1,500,000	0	0	0	0	0	1,500,000



Abingdon WTP Switch Gear/Generator Upgrade

WATER

Project Number: W205424
Council District: F
Location: Abingdon
Est. Debt Service: \$129,150 (annual)

Expended/Encumbered as of 1/9/23:

\$295,224



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

June 2022: 50% design
 2024: Construction begins

PROJECT DESCRIPTION:

The electrical feed switch gear and main breaker system into the Abingdon Water Treatment Plant was recently evaluated and spare units are no longer available. A critical failure could put the plant operation in jeopardy. This project will design and build a new switch gear and back up generator system.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	5,000,000	1,000,000	6,000,000						6,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,150,000	1,000,000	6,150,000	0	0	0	0	0	6,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	5,150,000		5,150,000						5,150,000
R7000 Future Bonds		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
Total Cost:	5,150,000	1,000,000	6,150,000	0	0	0	0	0	6,150,000



Infrastructure Management System Enhancements "CityWorks"

WATER

Project Number: W186045
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$384,856



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

CY 22: Sod Run WWTP
 CY 23: Joppatowne WWTP
 CY 24: Pumping stations
 CY 25: Abingdon WTP
 CY 26: Perryman/Havre de Grace WTPs

PROJECT DESCRIPTION:

Water and Sewer needs to expand and enhance its "Asset Information". To advance these improvements a project needs to be established with the main focus of maintaining and collecting information related to our physical assets. The major tasks for this project are to (1) hire a consultant to generate a "GIS Asset Register" related to wastewater facilities; (2) implement the Asset Register into Cityworks Asset Management System; (3) facilitate the Wastewater Operation asset maintenance workflow into Cityworks; (4) implement a plan to externalize the Cityworks Asset Management System; (5) make recommendations related to how our information complies to the concept of "digital continuity". In the future this project will be used for asset risk assessment and condition assessment.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	700,000	400,000	1,100,000	250,000	250,000	150,000	150,000	150,000	2,050,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	700,000	400,000	1,100,000	250,000	250,000	150,000	150,000	150,000	2,050,000

FUNDING SCHEDULE

R8750 Paygo	700,000	400,000	1,100,000	250,000	250,000	150,000	150,000	150,000	2,050,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	700,000	400,000	1,100,000	250,000	250,000	150,000	150,000	150,000	2,050,000



Joppatowne Facility Improvements

WATER

Project Number: W235402
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Design for new chemical feed piping, blower system upgrades, utility water system upgrades anticipated for fall 2022, construction anticipated for 2024.

PROJECT DESCRIPTION:

This project will provide for studies, design and construction of improvements to various tanks, vaults, buildings, piping, electrical systems and instrumentation process equipment which is approaching the end of its useful life. It will also allow for the implementation of an Asset Management Program to organize and optimize a comprehensive work order, inventory, and schedule for timely and efficient maintenance projects. Projects undertaken will extend the useful life of the asset by 10 to 20 years.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000	750,000	1,000,000						1,000,000
Land Acquisition			0						0
Construction			0	750,000	750,000	750,000	750,000		3,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	750,000	1,000,000	750,000	750,000	750,000	750,000	0	4,000,000

FUNDING SCHEDULE

R8750 Paygo	250,000	750,000	1,000,000	750,000	750,000	750,000	750,000		4,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	250,000	750,000	1,000,000	750,000	750,000	750,000	750,000	0	4,000,000



Magnolia Booster Station

WATER

Project Number: W106709
Council District: A
Location: Various
Est. Debt Service: \$3,961 (annual)

Expended/Encumbered as of 1/9/23:

\$293,008



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Close project in FY24 and reallocate funds to the Renewal & Replace Water Infrastructure (W126723)

PROJECT DESCRIPTION:

This project is to allow for the design and construction of a replacement of the existing water booster station with a new building, as well as to provide a telemetry system. This project will add a fire flow pump to the new system for reliability in the service area. The existing station has reached the end of its useful life and needs replacement.

Funds reallocated to Renewal & Replacement Water Infrastructure @ \$1,506,992.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	550,000	(256,992)	293,008						293,008
Land Acquisition			0						0
Construction	1,250,000	(1,061,380)	188,620						188,620
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,800,000	(1,318,372)	481,628	0	0	0	0	0	481,628

FUNDING SCHEDULE

R7100 Prior Bonds	1,450,000	(1,261,380)	188,620						188,620
R8750 Paygo	350,000		350,000						350,000
R8751 Prior Paygo		(56,992)	(56,992)						(56,992)
			0						0
			0						0
Total Cost:	1,800,000	(1,318,372)	481,628	0	0	0	0	0	481,628



MDTA I-95 Improvements

WATER

Project Number: O215401
Council District: Multiple
Location: Various
Est. Debt Service: \$63,000 (annual)

Expended/Encumbered as of 1/9/23:
 \$353,224



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Planning, design, construction are underway.
 Pending Maryland Transportation Authority project execution.

PROJECT DESCRIPTION:

The purpose of this project is to provide funding for the relocation of Harford County's water mains affected by the Maryland Transportation Authority's I-95 improvements. Funding will cover the cost of design and construction of the water main relocations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	1,200,000	3,000,000	4,200,000						4,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,450,000	3,000,000	4,450,000	0	0	0	0	0	4,450,000

FUNDING SCHEDULE

R8750 Paygo	1,450,000		1,450,000						1,450,000
R7000 Future Bonds		3,000,000	3,000,000						3,000,000
			0						0
			0						0
			0						0
Total Cost:	1,450,000	3,000,000	4,450,000	0	0	0	0	0	4,450,000



Oak Grove Booster Station (Ridgeley's Reserve)

WATER

Project Number: W205426
Council District: Multiple
Location: Magnolia
Est. Debt Service: \$6,930 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

A new developer has taken over this project and it will be retitled "Ridgeley's Reserve". The Public Works Utility Agreement is being finalized.

FY 21-22: Design and Construction

FY 22-23: Construction

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	2,330,000	500,000	2,830,000						2,830,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,330,000	500,000	2,830,000	0	0	0	0	0	2,830,000

FUNDING SCHEDULE

R7100 Prior Bonds	330,000		330,000						330,000
R8750 Paygo	2,000,000	500,000	2,500,000						2,500,000
			0						0
			0						0
			0						0
Total Cost:	2,330,000	500,000	2,830,000	0	0	0	0	0	2,830,000



Renewal and Replacement Water Infrastructure

WATER

Project Number: W126723
Council District: Multiple
Location: Various
Est. Debt Service: \$70,589 (annual)

Expended/Encumbered as of 1/9/23:

\$1,293,061



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Ongoing upgrades to hydrants.
 CY 22: Replace Brier Hill Estates 20" PVC transmission main; water loop on Conowingo Rd; paint Rt. 159 bridge pipe; Spesutia Rd upgrade
 Project is ongoing to replace aged infrastructure.

PROJECT DESCRIPTION:

This project will provide funding for the design modeling, evaluations, refurbishment, and/or replacement of major water mains, valves, vaults, hydrants, meters, booster stations, and plants & facilities that have or are nearing the end of their useful life. This project will also fund emergency water main replacement or relocations. Projects will be identified through studies, rate of failure, age and/or material longevity expectation.

Funds reallocated from Magnolia Booster Station @ \$1,506,992.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	850,000		850,000		100,000	300,000		700,000	1,950,000
Land Acquisition			0						0
Construction	1,800,000	2,256,992	4,056,992	1,250,000	1,500,000	1,500,000	1,500,000		9,806,992
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,650,000	2,256,992	4,906,992	1,250,000	1,600,000	1,800,000	1,500,000	700,000	11,756,992

FUNDING SCHEDULE

R8750 Paygo	550,000	750,000	1,300,000	1,250,000	100,000	300,000		700,000	3,650,000
R7100 Prior Bonds	2,100,000	1,261,380	3,361,380						3,361,380
R8751 Prior Paygo		56,992	56,992						56,992
R7000 Future Bonds			0		1,500,000	1,500,000	1,500,000		4,500,000
R6999 Other		188,620							
Total Cost:	2,650,000	2,256,992	4,718,372	1,250,000	1,600,000	1,800,000	1,500,000	700,000	11,568,372



Replacement of Water Booster Station SCADA

WATER

Project Number: W156492
Council District: Multiple
Location: Abingdon
Est. Debt Service: \$40,950 (annual)

Expended/Encumbered as of 1/9/23:

\$952,711



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Construction in 2023

PROJECT DESCRIPTION:

This project will allow for a study to select the appropriate replacement system for Water Booster Station Supervisory Control and Data Acquisition (SCADA) system. The project will allow for the design and performance specifications to be developed and installed. The existing SCADA equipment is obsolete and parts are not manufactured anymore and Siemens does not support the system equipment.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction	1,950,000	1,000,000	2,950,000						2,950,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,250,000	1,000,000	3,250,000	0	0	0	0	0	3,250,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,950,000		1,950,000						1,950,000
R8750 Paygo	300,000	1,000,000	1,300,000						1,300,000
			0						0
			0						0
			0						0
Total Cost:	2,250,000	1,000,000	3,250,000	0	0	0	0	0	3,250,000



SCADA Information Management Systems

WATER

Project Number: W196144
Council District: Multiple
Location: Various
Est. Debt Service: \$52,500 (annual)

Expended/Encumbered as of 1/9/23:

\$246,967



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

2022-2024: evaluate existing systems and develop design for solutions; installation and integration of new data management system; programming and reports development.

PROJECT DESCRIPTION:

This project is for the study, design, and installation of an information management system that will safely collect, store, archive, retrieve and create reports for all the data generated by the Water and Sewer Division. The Division currently has five separate SCADA systems at each facility. There is no uniformity or central database for the retrieval of information or report. generation. Upgrades to each SCADA system will be undertaken followed by the installation of a common data management library. The five SCADA systems are the Sod Run WWTP, Joppatowne WWTP, Abingdon WTP, Water Booster Station, and the Wastewater Pumping Station.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY F026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	750,000		750,000						750,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,750,000	2,500,000	4,250,000	1,000,000					5,250,000
Total Cost:	2,500,000	2,500,000	5,000,000	1,000,000	0	0	0	0	6,000,000

FUNDING SCHEDULE

R8750 Paygo	2,500,000		2,500,000	1,000,000					3,500,000
R7000 Future Bonds		2,500,000	2,500,000						2,500,000
			0						0
			0						0
			0						0
Total Cost:	2,500,000	2,500,000	5,000,000	1,000,000	0	0	0	0	6,000,000



SHA Improvement Projects

WATER

Project Number: W156605
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$256,847



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Pending State Highway Administration project development

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	180,000	300,000	480,000		500,000		500,000		1,480,000
Land Acquisition			0						0
Construction	410,000		410,000						410,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	590,000	300,000	890,000	0	500,000	0	500,000	0	1,890,000

FUNDING SCHEDULE

R8750 Paygo	590,000	300,000	890,000		500,000		500,000		1,890,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	590,000	300,000	890,000	0	500,000	0	500,000	0	1,890,000



US 40 Water Main Replacement

WATER

Project Number: W196149
Council District: Multiple
Location: Aberdeen
Est. Debt Service: \$12,600 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

2022-2023: Study/design scope development

2023-2024: Construction anticipated to begin

PROJECT DESCRIPTION:

This project will allow for the design and construction of a parallel or replacement water main along route 40 to replace the existing aged pipe.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	600,000	250,000	850,000		250,000		250,000		1,350,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	600,000	250,000	850,000	0	250,000	0	250,000	0	1,350,000

FUNDING SCHEDULE

R7100 Prior Bonds	600,000		600,000						600,000
R8750 Paygo		250,000	250,000		250,000		250,000		750,000
			0						0
			0						0
			0						0
Total Cost:	600,000	250,000	850,000	0	250,000	0	250,000	0	1,350,000



Water & Sewer Infrastructure Improvements Projects

WATER

Project Number: W196150
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$363,318



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Various improvements are continuously being studies, designed and constructed under this account, these projects are developer dependent. Abingdon Woods Water Main, Ridgeley's Reserve Water Booster, Grace Hall Water Booster, James Run Water Booster/PS, Comprehensive Sewer Study

PROJECT DESCRIPTION:

This project will identify and implement infrastructure improvement projects with the activities of studying, modeling, evaluation, master planning, designing and construction. This project will also include improvements to water & sewer plants and facilities.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,091,340	1,250,000	2,341,340						2,341,340
Land Acquisition			0						0
Construction	150,000		150,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,241,340	1,250,000	2,491,340	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,491,340

FUNDING SCHEDULE

R8750 Paygo	941,340	1,250,000	2,191,340	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,191,340
R6330 Developer	300,000		300,000						300,000
			0						0
			0						0
			0						0
Total Cost:	1,241,340	1,250,000	2,491,340	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,491,340



Water Meter Upgrade

WATER

Project Number: W136729
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$1,688,992



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

2022 - 2023: Large meter replacement
 Estimated 7,000 upgrades needed.
 This is an ongoing project

PROJECT DESCRIPTION:

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. This project will also provide for the purchase and installation of new large commercial or interconnection meters that have reached the end of their useful life.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	1,020,000		1,020,000						1,020,000
Inspection Fees			0						0
Equipment/Furnishing	940,000	250,000	1,190,000		250,000		250,000		1,690,000
Total Cost:	2,110,000	250,000	2,360,000	0	250,000	0	250,000	0	2,860,000

FUNDING SCHEDULE

R8750 Paygo	2,110,000	250,000	2,360,000		250,000		250,000		2,860,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,110,000	250,000	2,360,000	0	250,000	0	250,000	0	2,860,000



Water Zone Improvements

WATER

Project Number: W146660
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$388,864



■ Expended/Enc. ■ Budget

Project Schedule/Status:

This is an ongoing project to maintain the condition of critical water infrastructure.

2022-2023: Design Conowingo Road loop replacement; design Briar Hill water main improvements; update modeling systemwide.

2025: Omar Village loop design

PROJECT DESCRIPTION:

This project allows for the evaluation, modeling, design, construction, and/or installation of water mains, controls, safety improvements, backflow preventers, meter, and equipment as needed within the four separate zones of Harford County's water service area. This project allows for water piping loops and/or upsizing of pipes within the system, and improvements to the water booster stations that benefit an individual zone or entire service area.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	100,000	200,000	300,000	100,000	200,000		200,000		800,000
Land Acquisition			0						0
Construction	930,000		930,000						930,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,030,000	200,000	1,230,000	100,000	200,000	0	200,000	0	1,730,000

FUNDING SCHEDULE

R8750 Paygo	1,030,000	200,000	1,230,000	100,000	200,000		200,000		1,730,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,030,000	200,000	1,230,000	100,000	200,000	0	200,000	0	1,730,000

OUTYEAR PROJECTS

FY 25 - FY 29



City of Baltimore - Deer Creek Pump Station and Valve Improvements

WATER

Project Number: W126718
Council District: D
Location: Darlington
Est. Debt Service: \$109,200 (annual)

Expended/Encumbered as of 1/9/23:

\$3,101,041



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Waiting on Baltimore City's plan for evaluation of the "Big Inch" pipeline and potential addition of a low flow pumping system for the Deer Creek Station. Design anticipated for 2023.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	5,200,000		5,200,000	3,000,000					8,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	5,200,000	0	5,200,000	3,000,000	0	0	0	0	8,200,000

FUNDING SCHEDULE

R7100 Prior Bonds	5,200,000		5,200,000						5,200,000
R7000 Future Bonds			0	3,000,000					3,000,000
			0						0
			0						0
			0						0
Total Cost:	5,200,000	0	5,200,000	3,000,000	0	0	0	0	8,200,000



Central W&S Laboratory

WATER

Project Number: W205425
Council District: F
Location: Abingdon
Est. Debt Service: \$1,785 (annual)

Expended/Encumbered as of 1/9/23:

\$85,000



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

The study and evaluation are complete; design and construction anticipated 2026.

PROJECT DESCRIPTION:

This project provides funds for the study and design of a central consolidated laboratory for the Division of Water & Sewer. The central laboratory will allow for the consolidation of laboratory staffing and testing into one central facility for efficiency of staff and improved management. The lab will be a combined water and wastewater lab located on the site of the Water and Sewer central office building.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	335,000		335,000						335,000
Land Acquisition			0						0
Construction			0	3,000,000					3,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	335,000	0	335,000	3,000,000	0	0	0	0	3,335,000

FUNDING SCHEDULE

R7100 Prior Bonds	85,000		85,000						85,000
R8750 Paygo	250,000		250,000						250,000
R7000 Future Bonds			0	3,000,000					3,000,000
			0						0
			0						0
Total Cost:	335,000	0	335,000	3,000,000	0	0	0	0	3,335,000



Havre de Grace Water Treatment Plant Upgrade

WATER

Project Number: W196141
Council District: F
Location: Havre de Grace
Est. Debt Service: \$24,150 (annual)

Expended/Encumbered as of 1/9/23:

\$20,728



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

CY 2023 - Modifications to the solids handling piping.
CY 2023 - Modifications to electrical system metering at the solids handling facility.
Design is complete; construction anticipated for 2023

PROJECT DESCRIPTION:

This project shall allow for plant improvements required throughout the plant due to technology and regulatory requirements, in addition to aging equipment.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	150,000		150,000					800,000	950,000
Land Acquisition			0						0
Construction	1,000,000		1,000,000						1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,150,000	0	1,150,000	0	0	0	0	800,000	1,950,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,150,000		1,150,000						1,150,000
R8750 Paygo			0					800,000	800,000
			0						0
			0						0
			0						0
Total Cost:	1,150,000	0	1,150,000	0	0	0	0	800,000	1,950,000



Perryman GAC Plant Improvements

WATER

Project Number: W186046
Council District: F
Location: Perryman
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$90,034



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Ongoing, awaiting APG funding and execution.
 Valve installation complete. Flow metering is anticipated for calendar year 2023.

PROJECT DESCRIPTION:

This project allows for the design and installation of new valves and flow metering at the Perryman Water Treatment plant. The existing system consists of eleven 20,000 pound carbon filters. There are 6 to 8 valves on each individual filter. The system components are between 20 and 25 years old and many of the valves are deteriorating due to age. This project will replace the valves and install a flow metering system on each filter to allow optimum control and utilization of the carbon in the treatment system. A carbon storage facility is also planned under this project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	250,000		250,000	150,000	750,000				1,150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	0	250,000	150,000	750,000	0	0	0	1,150,000

FUNDING SCHEDULE

R8750 Paygo	250,000		250,000	150,000	750,000				1,150,000
R8751 Prior Paygo			0						0
			0						0
			0						0
			0						0
Total Cost:	250,000	0	250,000	150,000	750,000	0	0	0	1,150,000



Perryman Wellfield Improvements

WATER

Project Number: W186056
Council District: F
Location: Perryman
Est. Debt Service: \$3,150 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Design scope development; design projected in late 2024.

PROJECT DESCRIPTION:

This project allows for improvements to the wellhouses in the Perryman well system since the wellhouses are reaching the end of their economic life. The upgrades needed for the wellhouses include a new roof, HVAC, controls, materials, and emergency power backup.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction			0			3,500,000			3,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	350,000	0	350,000	0	0	3,500,000	0	0	3,850,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	150,000		150,000						150,000
R7000 Future Bonds			0			3,500,000			3,500,000
			0						0
			0						0
Total Cost:	350,000	0	350,000	0	0	3,500,000	0	0	3,850,000

OPEN / ACTIVE PROJECTS



Abingdon Road Water

WATER

Project Number: W086687
Council District: Multiple
Location: Abingdon
Est. Debt Service: \$68,702 (annual)

Expended/Encumbered as of 1/9/23:

\$293,178



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

On hold due to change in water demands. Pursuing CSX crossing only. Coordinating design over CSX bridge with Highways Department.

PROJECT DESCRIPTION:

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 toward Aberdeen and Edgewood.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	3,021,540		3,021,540						3,021,540
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,271,540	0	3,271,540	0	0	0	0	0	3,271,540

FUNDING SCHEDULE

R7100 Prior Bonds	3,271,540		3,271,540						3,271,540
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,271,540	0	3,271,540	0	0	0	0	0	3,271,540



Abingdon Water Treatment Plant pH Control System

WATER

Project Number: W196130
Council District: Multiple
Location: Various
Est. Debt Service: \$5,250 (annual)

Expended/Encumbered as of 1/9/23:

\$241,502



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is 95% complete

PROJECT DESCRIPTION:

This project is for the design of a new pH and alkalinity control system at the Abingdon Water Treatment Plant.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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

R7100 Prior Bonds	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	250,000	0	250,000	0	0	0	0	0	250,000



City of Baltimore Raw Water Supply

WATER

Project Number: W126719
Council District: Multiple
Location: Various
Est. Debt Service: \$27,300 (annual)

Expended/Encumbered as of 1/9/23:
\$1,221,539



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Project on hold until water demands approach system capacity. Modeling and study dependent.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,300,000		1,300,000						1,300,000
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

R7100 Prior Bonds	1,300,000		1,300,000						1,300,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,300,000	0	1,300,000	0	0	0	0	0	1,300,000



700 MHz Wireless Radio System Equipment

WATER

Project Number: O126728
Council District: Multiple
Location: Various
Est. Debt Service: (annual)

Expended/Encumbered as of 1/9/23:

\$607,660



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2022.

Move remaining funds to W196150 Infrastructure

PROJECT DESCRIPTION:

This project provides funds for Water & 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 in 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	103,000		103,000						103,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	504,660		504,660						504,660
Total Cost:	607,660	0	607,660	0	0	0	0	0	607,660

FUNDING SCHEDULE

R8089 Reappr. Paygo	103,000		103,000						103,000
R8750 Paygo	504,660		504,660						504,660
R8751 Prior Paygo			0						0
			0						0
			0						0
Total Cost:	607,660	0	607,660	0	0	0	0	0	607,660



Water Tank Design and Construction

WATER

Project Number: W196152
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$179,011



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project is water modeling dependent; study and modeling scheduled for 2022.

PROJECT DESCRIPTION:

This project provides for the study, master plan modeling, land acquisition, design, and construction of a new water storage tank in Zone 1 (Trimble Road and Swan Harbor areas) or Zone IV (Hickory area) to meet Adequate Public Facility (APF) requirements for potential development. This project will also include a water system comprehensive study.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	300,000	0	300,000	0	0	0	0	0	300,000

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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SEWER PROJECTS

FY 24 Projects

Brentwood Park PS Improvements	3,487,045	2,987,045	500,000	0	0	0	0	0
Bynum Ridge Replacement Sewer	639,972	800,000	(160,028)	0	0	0	0	0
Fallston Area Sewer	800,000	3,800,000	(3,000,000)	0	0	0	0	0
Future Petition Projects	535,028	375,000	160,028	0	0	0	0	0
Hickory Sewer Infrastructure	500,000	3,000,000	(2,500,000)	0	0	0	0	0
Infiltration and Inflow	2,500,000	1,000,000	700,000	500,000	100,000	0	200,000	0
Pumping Station Improvements	2,965,738	1,065,000	500,738	400,000	0	500,000	0	500,000
Renewal & Replacement Sewer	17,050,000	2,250,000	2,800,000	4,600,000	1,300,000	5,050,000	750,000	300,000
Sod Run Facility Improvements	33,693,151	18,343,151	3,000,000	850,000	7,250,000	750,000	3,000,000	500,000
Sod Run WWTP Ultraviolet	8,700,000	6,700,000	2,000,000	0	0	0	0	0

Outyear Projects

Bill Bass PM FM Replacement	1,210,302	810,302	0	0	0	0	0	400,000
Bio Solids Facilities Enhancements	26,650,000	19,500,000	0	300,000	3,000,000	350,000	3,500,000	0
Bush Creek Pumping Station	34,400,000	28,400,000	0	2,000,000	0	2,000,000	0	2,000,000
Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	0	2,000,000	0
Edgewood Interceptor Sewer	4,150,000	650,000	0	0	0	500,000	3,000,000	0
Inventory Storage and Control	4,785,000	385,000	0	400,000	4,000,000	0	0	0
Lower Bynum Run Interceptor	14,620,324	9,120,324	0	0	0	0	500,000	5,000,000
Plum Tree Collector Sewer & PS	13,850,000	0	0	0	250,000	2,500,000	3,100,000	8,000,000

Open Projects

Freys Road Sewer Petition	1,275,000	1,275,000	0	0	0	0	0	0
Magnolia Sewer Petition	689,500	689,500	0	0	0	0	0	0
Oaklyn Manor/Joppa Area Sewer	1,678,255	1,678,255	0	0	0	0	0	0
Woodbridge Sewer Petition	4,020,300	4,020,300	0	0	0	0	0	0

SEWER BY PROJECT	180,424,615	107,073,877	4,000,738	9,050,000	15,900,000	11,650,000	16,050,000	16,700,000
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Paygo	25,309,671	15,473,671	1,786,000	2,450,000	350,000	2,100,000	1,450,000	1,700,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	63,300,000	0	2,000,000	6,600,000	15,550,000	9,550,000	14,600,000	15,000,000
Prior Bonds	85,940,106	85,940,106	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	4,714,800	4,714,800	0	0	0	0	0	0
Federal	765,300	765,300	0	0	0	0	0	0
Developer/Other	394,738	180,000	214,738	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

SEWER BY FUND	180,424,615	107,073,877	4,000,738	9,050,000	15,900,000	11,650,000	16,050,000	16,700,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
SEWER PROJECTS												
Brentwood Park PS Improvements	500,000	0	500,000	0	0	0	0	0	0	0	0	0
Bynum Ridge Replacement Sewer	(160,028)	(160,028)	0	0	0	0	0	0	0	0	0	0
Fallston Area Sewer	(3,000,000)	0	0	(3,000,000)	0	0	0	0	0	0	0	0
Future Petition Projects	160,028	160,028	0	0	0	0	0	0	0	0	0	0
Hickory Sewer Infrastructure Improve.	(2,500,000)	0	0	(2,500,000)	0	0	0	0	0	0	0	0
Infiltration and Inflow	700,000	0	700,000	0	0	0	0	0	0	0	0	0
Oaklyn Manor/Joppa Area Sewer Relief	0	0	0	0	0	0	0	0	0	0	0	0
Pumping Station Improvements	500,738	0	286,000	0	0	0	0	0	0	0	0	214,738
Renewal & Replacement Sewer Infrastr.	2,800,000	0	300,000	2,500,000	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	3,000,000	0	0	3,000,000	0	0	0	0	0	0	0	0
Sod Run WWTP Ultraviolet Disinfection	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0
SUB-TOTAL SEWER	4,000,738	0	1,786,000	0	2,000,000	0	0	0	0	0	0	214,738



Brentwood Park Pumping Station Improvements

SEWER

Project Number: S186057
Council District: Multiple
Location: Various
Est. Debt Service: \$36,478 (annual)

Expended/Encumbered as of 1/9/23:

\$2,271,616



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is complete and construction is anticipated in calendar year 2022-2023.

PROJECT DESCRIPTION:

This project shall allow for the study, design, and construction of improvements to the Brentwood Park Sewage Pumping Station. The station is 30 years old. The upgrades would include improving access to the underground station, increasing the size of the pumps, motors and electrical controls to accommodate the future flows to impact our utilities.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	400,000	500,000	900,000						900,000
Land Acquisition			0						0
Construction	2,337,045		2,337,045						2,337,045
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost:	2,987,045	500,000	3,487,045	0	0	0	0	0	3,487,045

FUNDING SCHEDULE

R8750 Paygo	1,250,000	500,000	1,750,000						1,750,000
R7100 Prior Bonds	1,737,045		1,737,045						1,737,045
			0						0
			0						0
			0						0
Total Cost:	2,987,045	500,000	3,487,045	0	0	0	0	0	3,487,045



Bynum Ridge Replacement Sewer

SEWER

Project Number: S156010
Council District: D
Location: Rock Spring
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
 \$639,972



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Close project in FY24 and reallocate funds to Future Petition Projects (\$215403)

PROJECT DESCRIPTION:

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 60% reimbursement portion of Phase 1 and 100% surcharge portion for Phase II for replacement of the existing line. The cost of the project for increase in capacity is the Developer's responsibility and is in accordance with the Rules and Regulations.

Phase 1 consists of approximately 835' of 15 inch sewer which replaces the 12 inch sewer between lots 16 to 20 and 28 to 33, built under contract 6010.

Phase 2 consists of approximately 795' of 15 inch sewer which replaces the 12 inch sewer between lots 13 to 16 and 20 to 27, built under contract 6010.

Funds reallocated to Future Petition Projects.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	40,000		40,000						40,000
Land Acquisition			0						0
Construction	760,000	(160,028)	599,972						599,972
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	800,000	(160,028)	639,972	0	0	0	0	0	639,972

FUNDING SCHEDULE

R8751 Prior Paygo	800,000	(160,028)	639,972						639,972
			0						0
			0						0
			0						0
			0						0
Total Cost:	800,000	(160,028)	639,972	0	0	0	0	0	639,972



Fallston Area Sewer

SEWER

Project Number: S196165
Council District: Multiple
Location: Various
Est. Debt Service: \$16,800 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Study/evaluation is complete; engineering and design is anticipated in future years.
FY24 Reallocate funds to Sod Run Facilities Improvements (\$126724).

PROJECT DESCRIPTION:

This project includes design and construction for rehabilitation of existing sewer mains and pumping stations as defined in the Fallston Sewer Capacity Study. The upgrades to the mains and pumping stations are required to serve future growth.

Funds reallocated to Sod Run Facility Improvements.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	425,000		425,000						425,000
Land Acquisition			0						0
Construction	3,375,000	(3,000,000)	375,000						375,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,800,000	(3,000,000)	800,000	0	0	0	0	0	800,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,800,000	(3,000,000)	800,000						800,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,800,000	(3,000,000)	800,000	0	0	0	0	0	800,000



Future Petition Projects

SEWER

Project Number: S215403
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$5,840



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design scope in development, project may be grant reimbursable.

2022-2023: Bagleys Reserve and Glenwood area design

FY24 Reallocation of funds from Bynum Ridge Replacement Sewer (\$156010)

PROJECT DESCRIPTION:

This project provides funding for design of future sewer petition projects.

Funds reallocated from Bynum Ridge Replacement Sewer Project @ \$160,028.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	375,000	160,028	535,028						535,028
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	375,000	160,028	535,028	0	0	0	0	0	535,028

FUNDING SCHEDULE

R8750 Paygo	375,000		375,000						375,000
R8751 Prior Paygo		160,028	160,028						160,028
			0						0
			0						0
			0						0
Total Cost:	375,000	160,028	535,028	0	0	0	0	0	535,028



Hickory Sewer Infrastructure Improvement Project

SEWER

Project Number: S196211
Council District: Multiple
Location: Various
Est. Debt Service: \$10,500 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design scope in development, engineering and design are modeling dependent.
 FY24 Reallocate funds to Renewal and Replacement Sewer Infrastructure (\$126726).

PROJECT DESCRIPTION:

This project will identify and implement infrastructure improvements to include the activities of studying, evaluation, designing, and construction. The costs will be reimbursed to the County through surcharges from future growth in the area.

Funds reallocated to Removal & Replacement Sewer Infrastructure.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0						0
Construction	2,500,000	(2,500,000)	0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,000,000	(2,500,000)	500,000	0	0	0	0	0	500,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,000,000	(2,500,000)	500,000						500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,000,000	(2,500,000)	500,000	0	0	0	0	0	500,000



Infiltration and Inflow

SEWER

Project Number: S106714
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$319,943



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

2022-2023 Manhole evaluations, modeling, and comprehensive sewer study.

PROJECT DESCRIPTION:

This project is to identify and locate major sources of infiltration and inflow in the County's major interceptor sewers and execute projects for rehabilitation. Projects shall consist of studies, designs, sewer system modeling, modeling software upgrades and modeling technical support, smoke testing, flow metering, and televising sewer lines as well as executing small contracts grouting, slip lining sewers or sewer repair. This project will also include a countywide sewer comprehensive study to identify deficiencies in the collection system.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	700,000	700,000	1,400,000	500,000	100,000		200,000		2,200,000
Land Acquisition			0						0
Construction	300,000		300,000						300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,000,000	700,000	1,700,000	500,000	100,000	0	200,000	0	2,500,000

FUNDING SCHEDULE

R8750 Paygo	1,000,000	700,000	1,700,000	500,000	100,000		200,000		2,500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,000,000	700,000	1,700,000	500,000	100,000	0	200,000	0	2,500,000



Pumping Station Improvements

SEWER

Project Number: S186112
Council District: Multiple
Location: Various
Est. Debt Service: \$4,509 (annual)

Expended/Encumbered as of 1/9/23:

\$121,307



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

2022 - Study/Design 2023 - Construction
 Controls at Pine Ridge PS & Bill Bass PS
 Roye Williams Pump Station easement/upgrade
 Brentwood Park Pump Station
 Screening/rag study 50% complete; Roye Williams
 easement road upgrade complete.
 FY24 Reallocated funds from Oaklyn Manor (S137016)

PROJECT DESCRIPTION:

This project shall allow for the study, design and construction of improvements to pumping stations in the County service area that are reaching their design life and require improvements beyond what is typical maintenance of minor replacement of parts. The improvements would include but not be limited to pump replacement, motor replacement, motor control upgrades to meet new electrical code requirements, and access improvements for safety concerns.

Funds reallocated from Oaklyn Manor project @ \$213,964 in Prior Bonds.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	715,000	500,738	1,215,738	400,000		500,000		500,000	2,615,738
Land Acquisition			0						0
Construction	350,000		350,000						350,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,065,000	500,738	1,565,738	400,000	0	500,000	0	500,000	2,965,738

FUNDING SCHEDULE

R8750 Paygo	1,065,000	286,000	1,351,000	400,000		500,000		500,000	2,751,000
R6999 Other		214,738	214,738						214,738
			0						0
			0						0
			0						0
Total Cost:	1,065,000	500,738	1,565,738	400,000	0	500,000	0	500,000	2,965,738



Renewal and Replacement Sewer Infrastructure

SEWER

Project Number: S126726
Council District: Multiple
Location: Various
Est. Debt Service: \$52,500 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,140,418



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Reline or replace sewer line section downstream of PS manholes at McPhail Road - 2021-2022; Bel Forest cleanout replacement/lining 2023; Aerial pipeline coatings 2023-2024; Harford Square sewer 2025.
 FY24 Reallocated funds from Hickory Sewer (\$196211)

PROJECT DESCRIPTION:

This project will provide funding for modeling, design and construction to refurbish or replace major sewer mains, manholes, vaults, pumping stations, and apparatus that have reached or are nearing the end of their useful life. This project also funds emergency projects for sewer system upgrades from breaks or failures.

Funds reallocated from Hickory Sewer Capital Project @ \$2,500,000 in Prior Bonds.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design		500,000	500,000	100,000	1,300,000	1,050,000		300,000	3,250,000
Land Acquisition			0						0
Construction	2,250,000	2,300,000	4,550,000	4,500,000		4,000,000	750,000		13,800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,250,000	2,800,000	5,050,000	4,600,000	1,300,000	5,050,000	750,000	300,000	17,050,000

FUNDING SCHEDULE

R8750 Paygo	2,250,000	300,000	2,550,000				750,000	300,000	3,600,000
R7000 Future Bonds			0	4,600,000	1,300,000	5,050,000			10,950,000
R7100 Prior Bonds		2,500,000	2,500,000						2,500,000
			0						0
			0						0
Total Cost:	2,250,000	2,800,000	5,050,000	4,600,000	1,300,000	5,050,000	750,000	300,000	17,050,000



Sod Run Facility Improvements

SEWER

Project Number: S126724
Council District: F
Location: Perryman
Est. Debt Service: \$354,962 (annual)

Expended/Encumbered as of 1/9/23:

\$3,882,171



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

New methanol tank construction complete. Digester design upgrades construction in 2022-2024; primary clarifier upgrade design underway; construction 2022-2025.
 2023-2025 Effluent pumps, effluent dissolved oxygen control, non-portable water system upgrades
 FY24 Reallocated funds from Fallston Sewer (\$196165)

PROJECT DESCRIPTION:

This project will provide for studies, design, and construction of improvements to various tanks, vaults, buildings, electrical systems, and instrumentation process equipment which is approaching the end of its useful life. It will also allow for the implementation of an Asset Management Program to organize and optimize a comprehensive work order, inventory and schedule timely and efficient maintenance projects. Projects undertaken will extend the useful life of the asset by 10 to 20 years.

Funds reallocated from Fallston Sewer Capital Project @ \$3,000,000 in Prior Bonds.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	4,979,329		4,979,329	850,000		750,000	500,000	500,000	7,579,329
Land Acquisition	1,000,000		1,000,000		7,250,000				8,250,000
Construction	12,363,822	3,000,000	15,363,822				2,500,000		17,863,822
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	18,343,151	3,000,000	21,343,151	850,000	7,250,000	750,000	3,000,000	500,000	33,693,151

FUNDING SCHEDULE

R8750 Paygo	4,229,329		4,229,329	850,000		750,000		500,000	6,329,329
R7100 Prior Bonds	13,902,932	3,000,000	16,902,932						16,902,932
R7000 Future Bonds			0		7,250,000		3,000,000		10,250,000
R8751 Prior Paygo	210,890		210,890						210,890
			0						0
Total Cost:	18,343,151	3,000,000	21,343,151	850,000	7,250,000	750,000	3,000,000	500,000	33,693,151



Sod Run WWTP Ultraviolet Disinfection Project

SEWER

Project Number: S186113
Council District: Multiple
Location: Various
Est. Debt Service: \$178,500 (annual)

Expended/Encumbered as of 1/9/23:

\$901,362



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is complete; construction is planned for 2023-2025.

PROJECT DESCRIPTION:

This project is the design and construction of the Sod Run WWTP Ultraviolet Disinfection System. This project will replace the existing chlorine and sulfur dioxide disinfection systems with an ultraviolet light (UV) system. This project will improve the safety of the County's employees and the surrounding area by eliminating the handling of 1 ton chlorine and sulfur dioxide cylinder at the Sod Run WWTP. It will be both a safety improvement as well as a cost effective change in how disinfection is performed on the wastewater discharged to the Bush River.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	6,500,000	2,000,000	8,500,000						8,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	6,700,000	2,000,000	8,700,000	0	0	0	0	0	8,700,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	6,500,000		6,500,000						6,500,000
R7000 Future Bonds		2,000,000	2,000,000						2,000,000
			0						0
			0						0
Total Cost:	6,700,000	2,000,000	8,700,000	0	0	0	0	0	8,700,000

OUTYEAR PROJECTS

FY 25 - FY 29



Bill Bass PS FM Replacement

SEWER

Project Number: S136730
Council District: A
Location: Edgewood
Est. Debt Service: \$14,700 (annual)

Expended/Encumbered as of 1/9/23:

\$416,060



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Project in design phase - 65% complete. Finalizing easement with BGE Constellation. Waiting on modeling confirmation prior to construction.

PROJECT DESCRIPTION:

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 force main (FM) will be looked at to consider a rehabilitation of the existing line in case of an emergency. The existing FM is 10,500 of 24 inch main of which 3,800 LF is a river crossing.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	610,302		610,302					400,000	1,010,302
Land Acquisition	200,000		200,000						200,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	810,302	0	810,302	0	0	0	0	400,000	1,210,302

FUNDING SCHEDULE

R7100 Prior Bonds	700,020		700,020						700,020
R8750 Paygo	110,282		110,282					400,000	510,282
			0						0
			0						0
			0						0
Total Cost:	810,302	0	810,302	0	0	0	0	400,000	1,210,302



Bio Solids Facilities Enhancements

SEWER

Project Number: S176019
Council District: Multiple
Location: Various
Est. Debt Service: \$405,300 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$5,480,682



■ Expended/Enc. ■ Budget

Project Schedule/Status:

2023-2025 Upgrades to digesters
 2025-2026 Upgrades to dewatering
 2027-2028 Upgrades to thickening
 Drying system design on hold pending MDE PFA's regulations.

PROJECT DESCRIPTION:

This project is to fund the enhancements to our bio solids treatment facilities and bio solids recycling/disposable program. Bio solids (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 have created a significant impact to our program. A study done in 2013 recommended advances to our solids treatment train, enhanced drying, dewatering, storage, beneficial utilization and optimization of biogas, and beneficial reuse of the dried bio solids. Optimization of the bio solids entails improvements to the digester system and is part of the digester upgrade.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,350,000		1,350,000	300,000		350,000			2,000,000
Land Acquisition			0						0
Construction	17,600,000		17,600,000		3,000,000		3,500,000		24,100,000
Inspection Fees	550,000		550,000						550,000
Equipment/Furnishing			0						0
Total Cost:	19,500,000	0	19,500,000	300,000	3,000,000	350,000	3,500,000	0	26,650,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000	300,000		350,000			850,000
R7100 Prior Bonds	19,300,000		19,300,000						19,300,000
R7000 Future Bonds			0		3,000,000		3,500,000		6,500,000
			0						0
			0						0
Total Cost:	19,500,000	0	19,500,000	300,000	3,000,000	350,000	3,500,000	0	26,650,000



Bio Solids Facilities Enhancements

SEWER

Project Number: S176019
Council District: Multiple
Location: Various
Est. Debt Service: \$405,300 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$5,480,682



■ Expended/Enc. ■ Budget

Project Schedule/Status:

2023-2025 Upgrades to digesters
 2025-2026 Upgrades to dewatering
 2027-2028 Upgrades to thickening
 Drying system design on hold pending MDE PFA's regulations.

PROJECT DESCRIPTION:

This project is to fund the enhancements to our bio solids treatment facilities and bio solids recycling/disposable program. Bio solids (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 have created a significant impact to our program. A study done in 2013 recommended advances to our solids treatment train, enhanced drying, dewatering, storage, beneficial utilization and optimization of biogas, and beneficial reuse of the dried bio solids. Optimization of the bio solids entails improvements to the digester system and is part of the digester upgrade.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,350,000		1,350,000	300,000		350,000			2,000,000
Land Acquisition			0						0
Construction	17,600,000		17,600,000		3,000,000		3,500,000		24,100,000
Inspection Fees	550,000		550,000						550,000
Equipment/Furnishing			0						0
Total Cost:	19,500,000	0	19,500,000	300,000	3,000,000	350,000	3,500,000	0	26,650,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000	300,000		350,000			850,000
R7100 Prior Bonds	19,300,000		19,300,000						19,300,000
R7000 Future Bonds			0		3,000,000		3,500,000		6,500,000
			0						0
			0						0
Total Cost:	19,500,000	0	19,500,000	300,000	3,000,000	350,000	3,500,000	0	26,650,000



Bush Creek Pumping Station

SEWER

Project Number: S086692
Council District: A
Location: Abingdon
Est. Debt Service: \$556,500 (annual)

Expended/Encumbered as of 1/9/23:
\$26,770,230



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

2021-2022: evaluate controls and pump design;
Modify pumps and controls design is underway.
Construction anticipated in 2024-2025

PROJECT DESCRIPTION:

This project is needed to bring the existing Bush Creek Pump Station up to a safe pumping capacity of 28 mgd and also to replace the 1968 force main under the Bush River. This project is required in order to safely deliver the current and projected wastewater flow to the Bynum Run drainage area. In addition, this project must construct part of the Sod Run Interceptor II and new gravity main through River Colony in Perryman.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,983,283		1,983,283						1,983,283
Land Acquisition			0						0
Construction	26,416,717		26,416,717	2,000,000		2,000,000		2,000,000	32,416,717
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	28,400,000	0	28,400,000	2,000,000	0	2,000,000	0	2,000,000	34,400,000

FUNDING SCHEDULE

R8750 Paygo	1,900,000		1,900,000						1,900,000
R7100 Prior Bonds	26,500,000		26,500,000						26,500,000
R7000 Future Bonds			0	2,000,000		2,000,000		2,000,000	6,000,000
			0						0
			0						0
Total Cost:	28,400,000	0	28,400,000	2,000,000	0	2,000,000	0	2,000,000	34,400,000



Delta WWTP Plant Upgrades

SEWER

Project Number: S186074
Council District: Multiple
Location: Delta
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$5,884



■ Expended/Enc. ■ Budget

Project Schedule/Status:

The project scope is currently being finalized by the Delta Authority engineer.

PROJECT DESCRIPTION:

This project is for upgrades to the Delta WWTP. The plant was built 20 years ago and is in need of upgrades to the aeration piping system, the influent screens, the flow metering system, chemical feed systems, and other mechanical improvements. Harford County owns half of the plant capacity to service the Whiteford/Cardiff sewer district. The upgrades are being undertaken by the Delta Sewer Authority. Contractually Harford County participates based on the County percentage of flow treated which is approximately 50% to impact our utilities. Future upgrades include improvements to reduce copper from the discharge due to a stringent PA NEPES level.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	225,000		225,000				2,000,000		2,225,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	225,000	0	225,000	0	0	0	2,000,000	0	2,225,000

FUNDING SCHEDULE

R8750 Paygo	225,000		225,000						225,000
R7000 Future Bonds			0				2,000,000		2,000,000
			0						0
			0						0
			0						0
Total Cost:	225,000	0	225,000	0	0	0	2,000,000	0	2,225,000



Edgewood Interceptor Sewer Parallel

SEWER

Project Number: S106712
Council District: A
Location: Edgewood
Est. Debt Service: \$13,650 (annual)

Expended/Encumbered as of 1/9/23:

\$181,806



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Preliminary design is complete; alternative alignments need to be evaluated. Modeling needs to be completed. Modeling evaluation in 2023.

PROJECT DESCRIPTION:

This project shall allow for the design and construction of 36 inch parallel sewer between Bill Bass Pump Station and contract #6044 (Winter's Run Outfall sewer).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	550,000		550,000			500,000			1,050,000
Land Acquisition	100,000		100,000						100,000
Construction			0				3,000,000		3,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	650,000	0	650,000	0	0	500,000	3,000,000	0	4,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	650,000		650,000						650,000
R7000 Future Bonds			0				3,000,000		3,000,000
R8750 Paygo			0			500,000			500,000
			0						0
			0						0
Total Cost:	650,000	0	650,000	0	0	500,000	3,000,000	0	4,150,000



Inventory Storage and Control Improvements

SEWER

Project Number: S186104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$107,178



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Study and preliminary design are complete.
Final design and construction anticipated for
fiscal year 2025-2026.

PROJECT DESCRIPTION:

This project is the study, design, and construction of improvements to the Division of Water and Sewer's inventory control systems in the Bureau of Operations. The Bureau of Operations is responsible for over 80 facilities including pumping stations and treatment plants. The Bureau's inventory systems and storage facilities have not been improved since 1995. Meanwhile, the Division's plants have all gone through multiple expansions and upgrades leaving the storage of spare parts and inventory control systems inadequate. This project will improve the current building storage capabilities as well as design and construct new storage structures. The goal is to improve functionality, security, efficiency and customer service of the central store rooms. This project is a multi-year plan that will address the needs at both the Sod Run WWTP and the Abingdon WTP and merge the facilities with the County's City-Works application.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	385,000		385,000	400,000					785,000
Land Acquisition			0						0
Construction			0		4,000,000				4,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	385,000	0	385,000	400,000	4,000,000	0	0	0	4,785,000

FUNDING SCHEDULE

R8750 Paygo	385,000		385,000	400,000					785,000
R7000 Future Bonds			0		4,000,000				4,000,000
			0						0
			0						0
			0						0
Total Cost:	385,000	0	385,000	400,000	4,000,000	0	0	0	4,785,000



Lower Bynum Run Interceptor Phase 6&7

SEWER

Project Number: S096703
Council District: C
Location: Emmorton
Est. Debt Service: \$181,590 (annual)

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$7,618,845



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Phase 7 is complete, the design for phase 6 of the project is modeling dependent.

PROJECT DESCRIPTION:

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 #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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	1,370,000		1,370,000				500,000		1,870,000
Land Acquisition			0						0
Construction	7,750,324		7,750,324					5,000,000	12,750,324
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	9,120,324	0	9,120,324	0	0	0	500,000	5,000,000	14,620,324

FUNDING SCHEDULE

R7100 Prior Bonds	8,647,154		8,647,154						8,647,154
R8750 Paygo	473,170		473,170				500,000		973,170
R7000 Future Bonds			0					5,000,000	5,000,000
			0						0
			0						0
Total Cost:	9,120,324	0	9,120,324	0	0	0	500,000	5,000,000	14,620,324



Plum Tree Collector Sewer and Pumping Station

SEWER

Project Number: New
Council District: A
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Design and construction in outyears.

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is for the upgrade and capacity increase to the Plum Tree Pumping Station and Collector Sewer. The project is needed to provide adequate capacity to growth in the Fallston Sanitary Subdistrict Capacity Study.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0		250,000				250,000
Land Acquisition			0			2,500,000	3,100,000	8,000,000	13,600,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	250,000	2,500,000	3,100,000	8,000,000	13,850,000

FUNDING SCHEDULE

R8750 Paygo			0		250,000				250,000
R7000 Future Bonds			0			2,500,000	3,100,000	8,000,000	13,600,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	250,000	2,500,000	3,100,000	8,000,000	13,850,000

OPEN / ACTIVE PROJECTS



Freys Road Sewer Petition

SEWER

Project Number: S196190
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Design is 90% complete, easement acquisition complete. Construction anticipated for 2023.

PROJECT DESCRIPTION:

This project will provide for the design and construction of a low pressure sewer system and grinder pumps for twelve lots located in the 500 block of Freys Road. This project was initiated by the residents through the petition process and was approved by the County Council in January, 2018.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	800,000		800,000						800,000
Land Acquisition			0						0
Construction	475,000		475,000						475,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,275,000	0	1,275,000	0	0	0	0	0	1,275,000

FUNDING SCHEDULE

R8750 Paygo	800,000		800,000						800,000
R7910 State Loan	425,000		425,000						425,000
R3399 State Other	50,000		50,000						50,000
			0						0
			0						0
Total Cost:	1,275,000	0	1,275,000	0	0	0	0	0	1,275,000



Magnolia Sewer Petition

SEWER

Project Number: S205428
Council District: B
Location: Edgewood
Est. Debt Service: \$1,785 (annual)

Expended/Encumbered as of 1/9/23:

\$51,291



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Preliminary design is complete.
Design in 2021-2022 and construction anticipated for 2023.

PROJECT DESCRIPTION:

This project involves the planning, land acquisition, design and construction of a gravity sewer to service the Magnolia sewer petition area. This petition project is located along Magnolia Road, just south of the intersection of Magnolia Road and Hanson Road. There is \$72,000 expected in grant funding from the Stormwater Management Septic System Disconnection Program.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	85,000		85,000						85,000
Land Acquisition			0						0
Construction	604,500		604,500						604,500
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	689,500	0	689,500	0	0	0	0	0	689,500

FUNDING SCHEDULE

R7100 Prior Bonds	85,000		85,000						85,000
R3399 State Other	72,000		72,000						72,000
R7910 State Loan	532,500		532,500						532,500
			0						0
			0						0
Total Cost:	689,500	0	689,500	0	0	0	0	0	689,500



Oaklyn Manor/Joppa Area Sewer Relief

SEWER

Project Number: S137016
Council District: A
Location: Joppa
Est. Debt Service: \$15,392 (annual)

Expended/Encumbered as of 1/9/23:

\$1,464,291



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Phase A is complete; Phase B is on hold awaiting developer agreement.

FY24 Reallocate funds to Pumping Station Improvements (\$186112) and close project.

PROJECT DESCRIPTION:

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 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 BGE 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. This is a cost sharing project with a developer. The PWA will determine the cost share.

Funds reallocated to Pumping Station Improvements @ \$213,964.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,678,255		1,678,255						1,678,255
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,678,255	0	1,678,255	0	0	0	0	0	1,678,255

FUNDING SCHEDULE

R3199 Federal Other	765,300		765,300						765,300
R7100 Prior Bonds	732,955		732,955						732,955
R6330 Developer	180,000		180,000						180,000
			0						0
			0						0
Total Cost:	1,678,255	0	1,678,255	0	0	0	0	0	1,678,255



Woodbridge Sewer Petition

SEWER

Project Number: S205429
Council District: B
Location: Fallston
Est. Debt Service: \$8,085 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design phase underway; construction to begin calendar year 2023.

PROJECT DESCRIPTION:

This project involves the planning, land acquisition, design and construction of both gravity sewer and a small diameter grinder pump system to service the Woodridge sewer petition area. This petition project is located south of Bel Air Road, north of Whitaker Mill Road, and east of Joppa Road.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	385,000		385,000						385,000
Land Acquisition			0						0
Construction	3,635,300		3,635,300						3,635,300
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,020,300	0	4,020,300	0	0	0	0	0	4,020,300

FUNDING SCHEDULE

R7100 Prior Bonds	385,000		385,000						385,000
R3399 State Other	355,500		355,500						355,500
R7910 State Loan	3,279,800		3,279,800						3,279,800
			0						0
			0						0
Total Cost:	4,020,300	0	4,020,300	0	0	0	0	0	4,020,300

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FY 24 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
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W&S MISCELLANEOUS

Efficiency Capital Investment	505,000	480,000	25,000	0	0	0	0	0
Fleet Replacement	19,772,000	9,072,000	700,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Lease/SBITA Assets 24	2,000,000	0	2,000,000	0	0	0	0	0
Refresh Program	1,327,000	817,000	510,000	0	0	0	0	0
Safeguarding Business Operations	4,256,650	3,991,650	265,000	0	0	0	0	0
Water & Sewer Facilities Repair	2,000,000	1,250,000	250,000	0	250,000	0	250,000	0
Open Projects								
Fleet Maintenance Facility	1,420,000	1,420,000	0	0	0	0	0	0
Harford Metro Area Network	1,220,000	1,220,000	0	0	0	0	0	0
Lease/SBITA Assets 21	2,000,000	2,000,000	0	0	0	0	0	0
Underground/Aboveground Tank	50,000	50,000	0	0	0	0	0	0
Water & Sewer Billing Project	2,500,000	2,500,000	0	0	0	0	0	0

W&S MISC. BY PROJECT	37,050,650	22,800,650	3,750,000	2,000,000	2,250,000	2,000,000	2,250,000	2,000,000
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Paygo	30,000,650	17,750,650	1,750,000	2,000,000	2,250,000	2,000,000	2,250,000	2,000,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	2,670,000	2,670,000	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	4,000,000	2,000,000	2,000,000	0	0	0	0	0

W&S MISC. BY PROJECT	37,050,650	22,800,650	3,750,000	2,000,000	2,250,000	2,000,000	2,250,000	2,000,000
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FY 24 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Lease Finance	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
W&S MISCELLANEOUS												
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	700,000	0	700,000	0	0	0	0	0	0	0	0	0
Lease/SBITA Assets 24	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0
Refresh Program	510,000	0	510,000	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	265,000	0	265,000	0	0	0	0	0	0	0	0	0
Water & Sewer Facilities Repair Program	250,000	0	250,000	0	0	0	0	0	0	0	0	0
SUB-TOTAL MISCELLANEOUS	3,750,000	0	1,750,000	0	0	2,000,000	0	0	0	0	0	0



Efficiency Capital Investment Projects

WATER & SEWER MISCELLANEOUS

Project Number: O166009
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$257,499



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings: X
None:

Project Schedule/Status:

Ongoing - implement energy efficient measures and projects throughout the County.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	285,000	25,000	310,000						310,000
Inspection Fees			0						0
Equipment/Furnishing	170,000		170,000						170,000
Total Cost:	480,000	25,000	505,000	0	0	0	0	0	505,000

FUNDING SCHEDULE

R8750 Paygo	100,000	25,000	125,000						125,000
R3399 State Other	380,000		380,000						380,000
			0						0
			0						0
			0						0
Total Cost:	480,000	25,000	505,000	0	0	0	0	0	505,000



Fleet Replacement

WATER & SEWER MISCELLANEOUS

Project Number: O126727
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$7,722,172



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings: X
None:

Project Schedule/Status:

This project will be managed/controlled by the Department of Procurement, Fleet Management Division.

PROJECT DESCRIPTION:

This project will provide funds for the replacement of essential vehicles and equipment to enable using agencies to perform their critical jobs. Funds will allow the county to maintain a consistent rotation, which lowers maintenance costs, fuel efficiency, and fleet availability. Units to be replaced are on average 10 years old which have high mileage and are unreliable.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	9,072,000	700,000	9,772,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	19,772,000
Total Cost:	9,072,000	700,000	9,772,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	19,772,000

FUNDING SCHEDULE

R8750 Paygo	9,072,000	700,000	9,772,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	19,772,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	9,072,000	700,000	9,772,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	19,772,000



Lease/SBITA Assets 24

WATER & SEWER MISCELLANEOUS

Project Number: 0245401
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Multiple W&S leases and SBITAs ending at different time periods.

PROJECT DESCRIPTION:

Under the new Governmental Accounting Standard Board (GASB) 87: Leases and 96: Subscription Based Information Technology Arrangements (SBITAs), these funds will be used to purchase lease and SBITA assets through lease financing agreements.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		2,000,000	2,000,000						2,000,000
Total Cost:	0	2,000,000	2,000,000	0	0	0	0	0	2,000,000

FUNDING SCHEDULE

R7150 Lease Finance		1,000,000	1,000,000						1,000,000
R7151 SBITA Finance		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
Total Cost:	0	2,000,000	2,000,000	0	0	0	0	0	2,000,000



Refresh Program

WATER & SEWER MISCELLANEOUS

Project Number: O136733
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$615,781



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	817,000	510,000	1,327,000						1,327,000
Total Cost:	817,000	510,000	1,327,000	0	0	0	0	0	1,327,000

FUNDING SCHEDULE

R8750 Paygo	817,000	510,000	1,327,000						1,327,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	817,000	510,000	1,327,000	0	0	0	0	0	1,327,000



Safeguarding Business Operations

WATER & SEWER MISCELLANEOUS

Project Number: O116716
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:
\$3,474,796



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,991,650	265,000	4,256,650						4,256,650
Total Cost:	3,991,650	265,000	4,256,650	0	0	0	0	0	4,256,650

FUNDING SCHEDULE

R8750 Paygo	3,991,650	265,000	4,256,650						4,256,650
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,991,650	265,000	4,256,650	0	0	0	0	0	4,256,650



Water & Sewer Facilities Repair Program

WATER & SEWER MISCELLANEOUS

Project Number: W205427
Council District: Multiple
Location: Various
Est. Debt Service: \$26,250 (annual)

Expended/Encumbered as of 1/9/23:

\$140,437



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

2023: Abingdon Shop Building HVAC; Sod Run grit building roof; pumping station #47 HVAC; various pumping stations paving projects; Abingdon Maintenance Building HVAC

PROJECT DESCRIPTION:

This project will allow for an umbrella facilities repair fund for county water and sewer buildings. The program would allow for the timely repair or replacement of deteriorating roofs, parking lots, HVAC equipment, windows and other building structures.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0						0
Construction	750,000	250,000	1,000,000		250,000		250,000		1,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,250,000	250,000	1,500,000	0	250,000	0	250,000	0	2,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,250,000		1,250,000						1,250,000
R8750 Paygo		250,000	250,000		250,000		250,000		750,000
			0						0
			0						0
			0						0
Total Cost:	1,250,000	250,000	1,500,000	0	250,000	0	250,000	0	2,000,000

OPEN / ACTIVE PROJECTS



Fleet Maintenance Facility

WATER & SEWER MISCELLANEOUS

Project Number: O186037
Council District: C
Location: Hickory
Est. Debt Service: \$29,820 (annual)

Expended/Encumbered as of 1/9/23:

\$1,175,054



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Project is under construction and on schedule.

FY 19: Design

FY 22: Construction

PROJECT DESCRIPTION:

This project provides for engineering, design and construction of a new Fleet Maintenance/Radio Shop facility for Harford County and the Board of Education. The facility was listed as a high priority in the Countywide Facilities Master Plan Study.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	140,000		140,000						140,000
Land Acquisition			0						0
Construction	1,280,000		1,280,000						1,280,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,420,000	0	1,420,000	0	0	0	0	0	1,420,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,420,000		1,420,000						1,420,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,420,000	0	1,420,000	0	0	0	0	0	1,420,000



Harford County Metro Area Network (HMAN)

WATER & SEWER MISCELLANEOUS

Project Number: O136732
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Operating Budget Impact
Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 1/9/23:

\$1,174,479



■ Expended/Enc. ■ Budget

Project Schedule/Status:

This project is ongoing.

PROJECT DESCRIPTION:

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 will allow consideration 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 government, public safety, education, health care, commercial and residential users a single infrastructure, with complete sovereignty and security, on an advanced consolidated core backbone.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
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
Total Cost:	1,220,000	0	1,220,000	0	0	0	0	0	1,220,000



Lease/SBITA Assets 21

WATER & SEWER MISCELLANEOUS

Project Number: 0215402
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2023.

PROJECT DESCRIPTION:

Under the new Governmental Accounting Standard Board (GASB) 87: Leases and 96: Subscription Based Information Technology Arrangements (SBITAs), these funds will be used to purchase lease and SBITA assets through lease financing agreements.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,000,000		2,000,000						2,000,000
Total Cost:	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

FUNDING SCHEDULE

R7150 Lease Finance	1,000,000		1,000,000						1,000,000
R7151 SBITA Finance	1,000,000		1,000,000						1,000,000
			0						0
			0						0
			0						0
Total Cost:	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000



Underground and Aboveground Storage Tank Management

WATER & SEWER MISCELLANEOUS

Project Number: O156002
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$3,425



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

This project is ongoing. Required inspections and any corresponding repairs and upgrades to maintain compliance with EPA and MDE regs.

PROJECT DESCRIPTION:

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	5,000		5,000						5,000
Land Acquisition			0						0
Construction	15,000		15,000						15,000
Inspection Fees			0						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
Total Cost:	50,000	0	50,000	0	0	0	0	0	50,000



Water & Sewer Billing Project

WATER & SEWER MISCELLANEOUS

Project Number: O156007
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 1/9/23:

\$1,221,800



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Implementation is complete for the new billing system project.

2020-2022: Develop, procure, implement

2023-2024: Billing rate assessment

PROJECT DESCRIPTION:

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 previous legacy software. Because of this 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 will have enhancements to improve the business process of collecting revenue and improving service to over 43,600 water and sewer customers. A new billing rate evaluation is also planned for calendar year 2023-2024.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2024	Approp Total	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTAL
Engineering/Design	2,500,000		2,500,000						2,500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000

FUNDING SCHEDULE

R8750 Paygo	2,500,000		2,500,000						2,500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000