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Fiscal Year 2023

Capital Budget & Capital Improvement Program

HARFORD COUNTY, MARYLAND
APPROVED ANNUAL CAPITAL BUDGET AND
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2022-2023



BARRY GLASSMAN, COUNTY EXECUTIVE

Director of Administration
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HARFORD COUNTY COUNCIL

Council President

Patrick S. Vincenti

Andre V. Johnson - District A

Joseph M. Woods - District B

Tony "G" Giangliordano - District C

Chad Shrodes - District D

Robert S. Wagner - District E

Curtis L. Beulah - District F

Harford County Government

Department of Administration, Office of Budget and Efficiency

220 South Main Street, Bel Air, MD 21014

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July, 2022

**Elected
Officials**



**Harford
County
Government**



**County Executive
Barry Glassman**

Elected Officials



Harford County Government



Patrick S. Vincenti
Council President



Andre V. Johnson
District A



Joseph M. Woods
District B



Tony "G" Giangliordano
District C



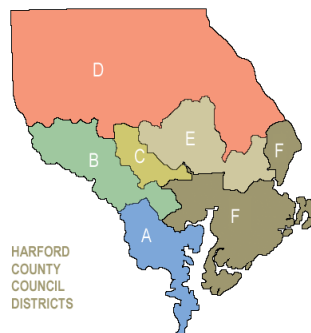
Chad Shrodes
District D



Robert S. Wagner
District E



Curtis L. Beulah
District F





GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Harford County
Maryland**

For the Fiscal Year Beginning

July 1, 2022

Christopher P. Morrill

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.

**HARFORD COUNTY, MARYLAND
ANNUAL APPROVED CAPITAL BUDGET AND CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2022-2023
TABLE OF CONTENTS**

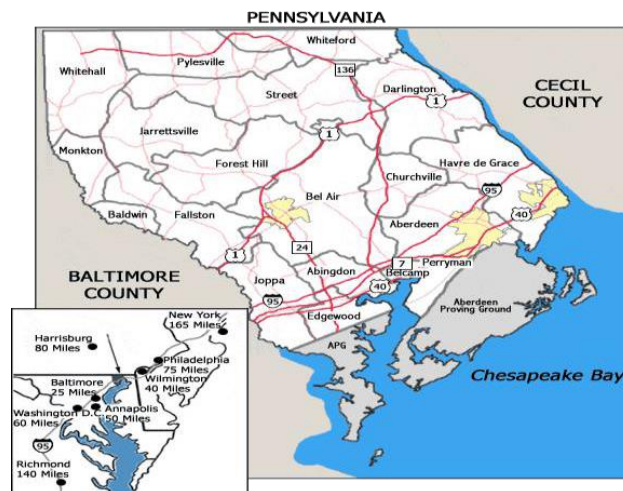
INTRODUCTION.....	8
CAPITAL IMPROVEMENT PROGRAM.....	23
CAPITAL BUDGET SUMMARY.....	44
GENERAL PROJECTS.....	61
WATERSHED MANAGEMENT PROJECTS.....	90
PUBLIC SAFETY PROJECTS.....	121
COMMUNITY COLLEGE PROJECTS.....	144
LIBRARY PROJECTS.....	150
BOARD OF EDUCATION PROJECTS.....	157
SOLID WASTE PROJECTS.....	188
PARKS AND RECREATION PROJECTS.....	200
HIGHWAYS PROJECTS.....	270
WATER AND SEWER PROJECTS.....	357

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 possible future bond issues, plus debt service and other current revenue needs, thus identifying operating budget and tax rate implications.
- To establish priorities among projects so that available effort and limited resources are used to the best advantage, emphasizing functionality over aesthetics, standardization of materials and infrastructure, and employing best practices to achieve efficiency and economy.
- To plan public facility construction to coordinate timing and functional relationships.
- To identify as accurately as possible, the impacts of capital projects on future operating budgets, energy use and costs and demands on land use.
- To provide a central source of information on all planned public construction for residents, agencies and other interest groups.

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 a special assessment or tax on the properties.
- 4 LEASE PURCHASE/CERTIFICATES OF PARTICIPATION** – are obligations of the public entity secured by an installment sale or lease back 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 directly responsible. They are funded with Parks and Recreation Special Fund revenues, Recordation Tax receipts, Federal, State, and Program Open Space funds.
- d. Water and Sewer Projects – encompass any capital improvements or renovations to the County owned Water and Sewer System. In addition to Federal and State funds, the projects are supported with revenues derived from

developers and system customers. County General Funds are not used for these projects.

- 2 CAPITAL FUNDS** - The various "Funds", used to record the receipt and application of resources for these projects, are appropriated, spent, and recorded separately based on legal requirements, the source, or the nature of the project they provide for. They include:
- a. Pay-As-You-Go – In accordance with the County's Five Year Business Plan and Debt Management policies, Paygo will continue to be used for minor renovation and repair projects which have an asset life of less than ten years.
 - b. General Obligation Bonds – Also known as full faith and credit bonds, their quality and payment is based on the general credit and taxing power of the County. The County must take whatever actions are necessary to assure repayment. Typically, such bonds are used to finance the capital portion of tax supported general public purpose governmental activities with schools, libraries, and public safety buildings being the most common uses of bond proceeds.
 - c. Lease Finance – Arrangements to secure short-term funding for certain renovation/repair projects and equipment purchases.
 - d. Reappropriated – These funds are reallocated from one project to another.
 - e. Program Open Space – These funds are to support recreation opportunities and come from the State of Maryland through the collection of a State Transfer Tax on real property.
 - f. State Aid – State funding to assist Harford County in the financing of various capital projects.
 - g. Recordation Tax – A tax imposed on every instrument of writing recorded or offered for record with the Clerk of Circuit Court (liens, deeds, mortgages, etc.). They are assessed at the rate of \$6.60 per \$1,000 value of the recorded instruments filed with the Clerk of the Circuit Court for Harford County. Of this assessed amount, \$4.40 is dedicated for school debt service first, then new construction or major and capital improvements to existing school facilities. \$1.10 is dedicated to an open space land and recreational fund 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-1) in 2004. The bill states, "In general. – The County Council of Harford County, by ordinance, may fix, impose, and provide for the collection of a development impact fee not to exceed \$10,000 for new construction or development...Use of revenues. – The revenues from the special fund may be used only for:

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

On June 10, 2005, the County Council of Harford County, Maryland enacted, as amended, Bill No. 05-21 that added Article VI, Public School Development

Impact Fee, to Chapter 123, Finance and Taxation, of the Harford County Code. This legislation assures that new development contributes its fair share towards the costs of public schools reasonably necessitated by such new development, and to ensure that new development is reasonably benefited by the construction of new public schools built in whole or part with the proceeds of development impact fees.

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

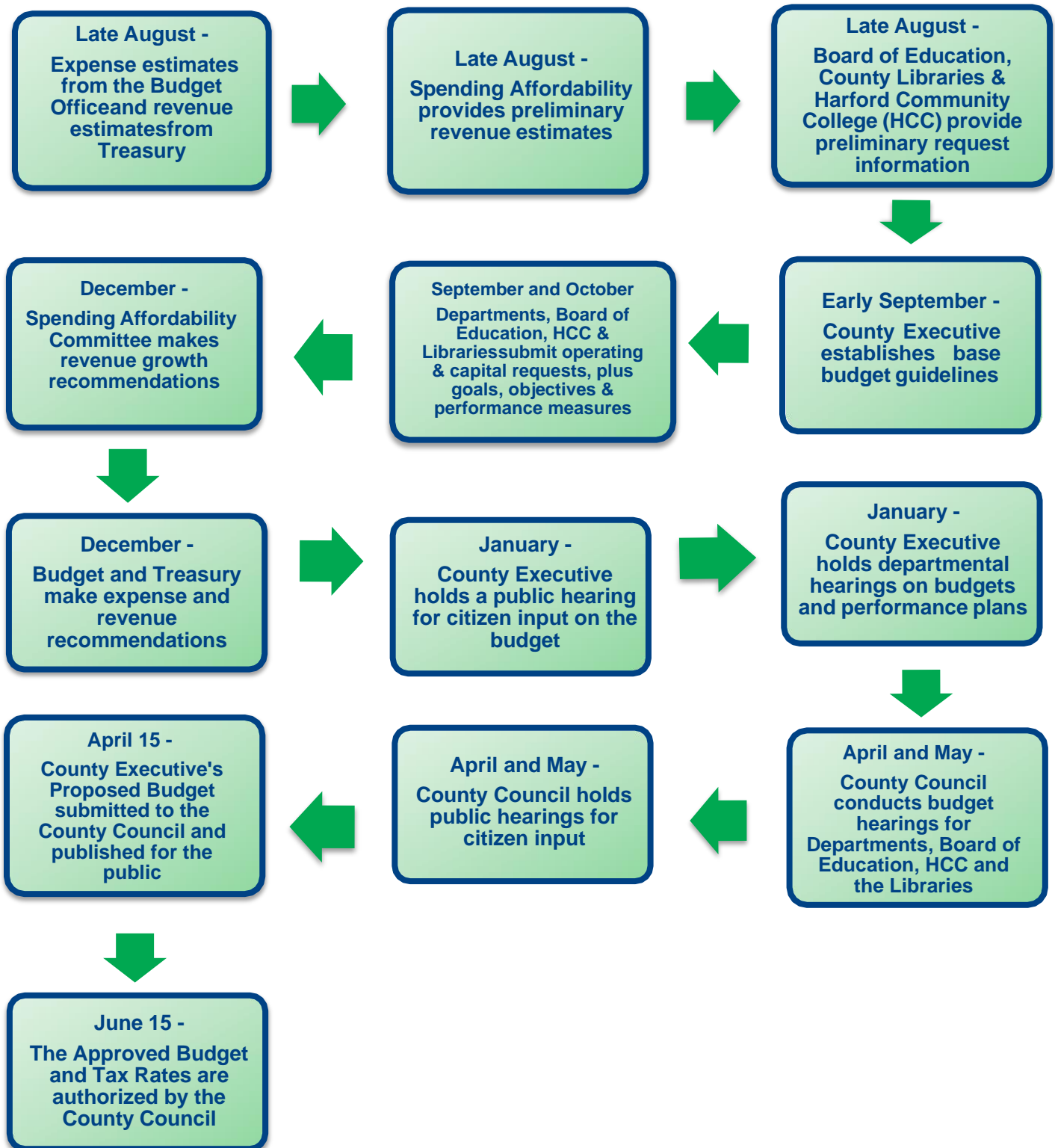
Type of Residential Development

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

j. Developer Contributions – Developer contributions are applied to projects that provide facilities in approved subdivisions, and represent the developer's portion of the cost of the project.

k. Other – There are various other funding sources which may become available. When amounts are material, identifiable, and predictable, they are cited as sources of funding in the capital budget.

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.

NOVEMBER

The Budget Office logs in and compiles all requests, which are then shared with the County's Capital Review Committee. This committee was established with two charges. First they developed a master inventory of all County facilities, owned or leased, and completed a profile of each, which includes details such as square footage, date of purchase, lease terms, geographic location, occupants, etc. Our Facilities and Operations Division completed a systems analysis of each facility in the inventory, including mechanical units, HVAC, roofing, etc. This information is coupled with the other inventory data to provide a comprehensive overview of our sites. The committee's second charge is part of the County's annual Capital Budget Process. Once the Budget Office forwards its list of initial requests for the upcoming year, this committee reviews

each project and determines if it should be considered capital or if it is something that could be managed through the Operating Budget. Treasury also, at that time, provides the committee with a list of all existing capital projects. Each department will be sent that portion of the list for which they are responsible. They report back to the committee the status of each project, and if any are complete, determine if they could be closed, with the remaining funds returned for reappropriation to a future project.

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

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

DECEMBER

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

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 significant portion of Harford County's Annual Capital Budget and Six Year Capital Improvement Program (CIP) is dedicated to "Outside Agencies." These agencies are the Harford County Public School System, the Library System and Harford Community College. County funds are also a large and/or major source of financing the capital budgets and CIPs of each of these organizations, yet these agencies are independent of the County Government. Each has its own administration and board which develop their policies, plans and budgets; they have their own budget processes and calendars. The Board of Education and the College also receive a significant percentage of capital funding from the State of Maryland, which necessitates their annual process be designed to meet State budget deadlines. With the varied deadlines, which the Outside Agencies are required to meet from the State and/or their boards, incorporating their annual requests with the County's Capital Budget is difficult at best. While the County does get preliminary budgets from the Board of Education and the Libraries early in our process, we do not receive their formal requests until just before the County Executive has to finalize his Proposed Budget to send to the County Council; and it is at that time we receive the first request from Harford Community College. Until the College's board approves their capital budget, the County must assume that the current fiscal year's CIP will remain intact, and those projects scheduled for the upcoming fiscal year will still be requested and done so at the same funding levels.

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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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TOTAL COUNTY BY PROJECT CATEGORY

GENERAL FUND

General Capital	435,282,002	219,982,002	81,050,000	26,850,000	26,850,000	26,850,000	26,850,000	26,850,000
Solid Waste Services	30,026,723	22,101,723	5,000,000	925,000	0	975,000	0	1,025,000
Public Safety	122,271,340	88,161,340	14,045,000	7,155,000	3,655,000	3,655,000	3,000,000	2,600,000
Harford Community College	57,309,975	19,447,375	28,285,000	9,577,600	0	0	0	0
Libraries	31,085,100	10,935,100	2,650,000	17,500,000	0	0	0	0
Board of Education	368,352,120	217,938,078	85,812,000	51,617,855	12,984,187	0	0	0

TOTAL GENERAL FUND	1,044,327,260	578,565,618	216,842,000	113,625,455	43,489,187	31,480,000	29,850,000	30,475,000
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WATERSHED MANAGEMENT	153,947,508	83,647,508	11,300,000	11,500,000	11,650,000	11,800,000	11,950,000	12,100,000
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PARKS AND RECREATION	206,707,835	121,021,520	17,601,315	22,960,000	7,965,000	13,210,000	12,140,000	11,810,000
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HIGHWAYS FUND

Bridges	92,725,912	36,790,912	6,825,000	10,675,000	10,225,000	10,700,000	8,835,000	8,675,000
Roadways	70,535,087	48,575,087	6,660,000	2,585,000	2,135,000	1,885,000	3,760,000	4,935,000
Resurfacing	94,322,870	46,697,870	(2,000,000)	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
Miscellaneous	59,532,250	40,457,250	4,950,000	2,625,000	2,725,000	2,825,000	2,925,000	3,025,000

TOTAL HIGHWAYS	317,116,119	172,521,119	16,435,000	25,410,000	24,810,000	25,335,000	25,645,000	26,960,000
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WATER & SEWER FUND

Water	69,907,880	38,986,540	2,971,340	9,350,000	13,800,000	2,350,000	1,450,000	1,000,000
Sewer	152,526,554	97,361,554	10,315,000	9,000,000	9,850,000	11,700,000	10,800,000	3,500,000
W&S Miscellaneous	29,533,310	21,449,650	1,958,660	1,375,000	1,125,000	1,375,000	1,125,000	1,125,000

TOTAL WATER & SEWER	251,967,744	157,797,744	15,245,000	19,725,000	24,775,000	15,425,000	13,375,000	5,625,000
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COUNTY TOTAL BY PROJECTS	1,974,066,466	1,113,553,509	277,423,315	193,220,455	112,689,187	97,250,000	92,960,000	86,970,000
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TOTAL COUNTY BY FUND SOURCE

PAYGO	420,596,046	240,355,046	43,991,000	33,240,000	25,190,000	26,790,000	26,845,000	24,185,000
FUTURE BONDS	357,997,042	0	131,325,000	84,928,355	46,993,687	37,070,000	29,675,000	28,005,000
PRIOR BONDS	554,218,099	554,218,099	0	0	0	0	0	0
REAPPROPRIATED	13,929,287	3,093,144	10,836,143	0	0	0	0	0
TRANSFER TAX	66,594,044	8,094,044	11,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000
RECORDATION TAX	125,246,953	39,056,953	15,895,000	14,820,000	13,165,000	13,515,000	14,885,000	13,910,000
STATE	280,588,920	150,280,605	53,993,315	44,104,500	11,900,500	5,180,000	8,630,000	6,500,000
FEDERAL	92,568,276	67,908,276	3,360,000	4,320,000	5,480,000	4,080,000	3,000,000	4,420,000
DEVELOPER/OTHER	42,100,295	30,319,838	7,022,857	2,307,600	460,000	1,115,000	425,000	450,000
LEASE PURCHASE	1,560,000	1,560,000	0	0	0	0	0	0
LEASE REVENUE	15,981,017	15,981,017	0	0	0	0	0	0

COUNTY TOTAL BY FUND SOURCE	1,971,379,979	1,110,867,022	277,423,315	193,220,455	112,689,187	97,250,000	92,960,000	86,970,000
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM BY PROJECT

GENERAL CAPITAL

FY 23 Funded Projects

African American Heritage Prog.	1,000,000	0	1,000,000	0	0	0	0	0
Bd of Education Debt Service 23	136,700,000	0	31,700,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000
Broadband Infrastructure	25,000,000	0	25,000,000	0	0	0	0	0
County Owned SWM Rehab/Rep	1,300,000	0	550,000	150,000	150,000	150,000	150,000	150,000
County SWM Rehab/Rep 18	50,000	500,000	(450,000)	0	0	0	0	0
Efficiency Capital Investment	1,485,400	1,185,400	300,000	0	0	0	0	0
Facilities Repair Program	15,000,000	0	5,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Fleet Replacement	30,540,000	17,540,000	3,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
HMAN	28,280,000	36,280,000	(8,000,000)	0	0	0	0	0
HCSO Central Precinct/Training	22,500,000	2,000,000	20,500,000	0	0	0	0	0
Maint./Repair of County Dams	950,000	0	450,000	100,000	100,000	100,000	100,000	100,000
Maint/Repair of Stormwater Fac.	2,750,000	0	1,000,000	350,000	350,000	350,000	350,000	350,000
Refresh Program	5,603,478	4,103,478	250,000	250,000	250,000	250,000	250,000	250,000
Safeguarding Business Operations	22,125,400	19,375,400	250,000	500,000	500,000	500,000	500,000	500,000
Site Acquisition	29,107,761	26,107,761	500,000	500,000	500,000	500,000	500,000	500,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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GENERAL CAPITAL

Open Projects	0	0	0	0	0	0	0	0
Abingdon Library Window/HVAC	1,259,000	1,259,000	0	0	0	0	0	0
Bd of Education Debt Service 22	19,880,000	19,880,000	0	0	0	0	0	0
Courthouse Building Repairs	10,034,900	10,034,900	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 County Ag Center	2,800,000	2,800,000	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0
Lease Asset	11,500,000	11,500,000	0	0	0	0	0	0
Maintenance/Repair of Dams	2,505,000	2,505,000	0	0	0	0	0	0
Maint./Repair of Stormwater Fac.	872,850	872,850	0	0	0	0	0	0
Under/Aboveground Tank Mgmt	1,344,000	1,344,000	0	0	0	0	0	0

GENERAL CAPITAL BY PROJECT	435,282,002	219,982,002	81,050,000	26,850,000	26,850,000	26,850,000	26,850,000	26,850,000
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Paygo	69,448,491	48,498,491	5,450,000	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	7,300,000	0	7,300,000	0	0	0	0	0
Future Bonds	39,500,000	0	27,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Prior Bonds	106,860,069	106,860,069	0	0	0	0	0	0
Transfer Tax	66,500,000	8,000,000	11,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000
Recordation Tax	82,840,000	11,940,000	13,400,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000
State	13,995,400	13,995,400	0	0	0	0	0	0
Federal	29,075,692	13,075,692	16,000,000	0	0	0	0	0
Developer/Other	6,702,350	4,552,350	900,000	250,000	250,000	250,000	250,000	250,000
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	435,282,002	219,982,002	81,050,000	26,850,000	26,850,000	26,850,000	26,850,000	26,850,000
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WATERSHED MANAGEMENT

FY 23 Projects

Bynum Run Watershed Rest.	6,300,000	0	1,300,000	800,000	1,300,000	800,000	1,300,000	800,000
County Owned Watershed Rest	25,200,000	0	3,700,000	4,100,000	4,200,000	4,300,000	4,400,000	4,500,000
Lilly Run Watershed Restoration	661,445	725,000	(63,555)	0	0	0	0	0
Riverside Area W/S Restoration	4,700,000	0	1,700,000	400,000	900,000	400,000	900,000	400,000
Septic System Disconnection	1,500,000	0	250,000	250,000	250,000	250,000	250,000	250,000
Stormwater Pollution Prevention	1,800,000	0	300,000	300,000	300,000	300,000	300,000	300,000
W/S Restoration Assessment	6,200,000	0	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
W/S Restoration Improvements	11,313,555	0	2,313,555	1,600,000	2,100,000	1,600,000	2,100,000	1,600,000
W/S Restoration Maintenance	2,550,000	0	300,000	350,000	400,000	450,000	500,000	550,000
Wheel Creek W/S Restoration	7,789,607	7,489,607	300,000	0	0	0	0	0

Outyear Projects

Joppatowne Area W/S Rest.	3,500,000	0	0	900,000	400,000	900,000	400,000	900,000
Plumtree Run W/S Restoration	3,500,000	0	0	900,000	400,000	900,000	400,000	900,000
Sams Branch W/S Restoration	3,500,000	0	0	900,000	400,000	900,000	400,000	900,000

Open Projects

Bynum Run & St. Andrews Way	2,297,026	2,297,026	0	0	0	0	0	0
County Owned W/S Rest. Improv.	19,175,000	19,175,000	0	0	0	0	0	0
Joppatowne Area W/S Rest.	5,950,000	5,950,000	0	0	0	0	0	0
Middle Bynum Run W/S Rest.	1,650,000	1,650,000	0	0	0	0	0	0
Plumtree Run W/S Restoration	8,643,452	8,643,452	0	0	0	0	0	0
Riverside Area W/S Restoration	4,560,886	4,560,886	0	0	0	0	0	0
Sams Branch W/S Restoration	4,172,922	4,172,922	0	0	0	0	0	0
Septic System Disconnection	650,000	650,000	0	0	0	0	0	0
Stormwater Pollution Prevention	1,581,395	1,581,395	0	0	0	0	0	0
Sunnyview Stream Restoration	5,192,220	5,192,220	0	0	0	0	0	0
Upper Bynum Run W/S Restorat.	4,000,000	4,000,000	0	0	0	0	0	0
W/S Restoration Assessment	9,800,000	9,800,000	0	0	0	0	0	0
W/S Restoration Improvements	6,900,000	6,900,000	0	0	0	0	0	0
W/S Restoration Maintenance	860,000	860,000	0	0	0	0	0	0

WATERSHED MGMNT BY PROJECT	153,947,508	83,647,508	11,300,000	11,500,000	11,650,000	11,800,000	11,950,000	12,100,000
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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WATERSHED MANAGEMENT

Paygo	12,927,508	7,077,508	850,000	900,000	950,000	1,000,000	1,050,000	1,100,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	52,450,000	0	8,450,000	8,600,000	8,700,000	8,800,000	8,900,000	9,000,000
Prior Bonds	43,050,000	43,050,000	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	41,057,016	29,057,016	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Federal	3,697,984	3,697,984	0	0	0	0	0	0
Developer/Other	625,000	625,000	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	153,947,508	83,647,508	11,300,000	11,500,000	11,650,000	11,800,000	11,950,000	12,100,000
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PUBLIC SAFETY

FY 23 Projects

Darlington VFC House #1	1,000,000	0	1,000,000	0	0	0	0	0
HCDC Facility Repairs/Upgrades	2,040,000	0	2,040,000	0	0	0	0	0
HCSO Body Worn Camera	2,970,000	350,000	655,000	655,000	655,000	655,000	0	0
HCSO Cell Site Simulator	600,000	0	600,000	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	6,000,000	0	0	0	0	0	0
HCSO In-Car Camera System	2,000,000	0	400,000	400,000	400,000	400,000	400,000	0
Mobile/Portable Radio System	8,865,000	7,265,000	1,100,000	100,000	100,000	100,000	100,000	100,000
Next-Gen 911	22,735,000	10,235,000	1,500,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000
Riverside Fire and EMS Station	7,000,000	3,800,000	3,200,000	0	0	0	0	0
Sus. Hose Company House 1	2,500,000	1,000,000	1,500,000	0	0	0	0	0
VFC Facility Repair	7,960,000	4,510,000	1,450,000	400,000	400,000	400,000	400,000	400,000
VFC Public Safety Equipment	7,125,000	3,525,000	600,000	600,000	600,000	600,000	600,000	600,000

Open Projects

Aberdeen VFC Main Station Reno	1,500,000	1,500,000	0	0	0	0	0	0
Emergency Ops Ctr. Complex	37,494,525	37,494,525	0	0	0	0	0	0
HCSO Computer Equip/Networks	3,480,415	3,480,415	0	0	0	0	0	0
HCSO Mobile Data Terminal Repl.	551,400	551,400	0	0	0	0	0	0
Multi-Agency Mobile Comm. Ctr.	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
Public Comm in School Bldgs	750,000	750,000	0	0	0	0	0	0
Whiteford VFC Reno of Main St.	1,200,000	1,200,000	0	0	0	0	0	0

PUBLIC SAFETY BY PROJECT	122,271,340	88,161,340	14,045,000	7,155,000	3,655,000	3,655,000	3,000,000	2,600,000
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Paygo	32,111,323	14,341,323	9,205,000	2,055,000	2,055,000	2,055,000	1,400,000	1,000,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	3,024,818	362,500	2,662,318	0	0	0	0	0
Future Bonds	6,840,000	0	6,340,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	50,076,500	50,076,500	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	23,098,000	10,598,000	1,500,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000
Federal	6,002,000	12,002,000	(6,000,000)	0	0	0	0	0
Developer/Other	637,682	300,000	337,682	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	481,017	481,017	0	0	0	0	0	0

PUBLIC SAFETY BY FUND	122,271,340	88,161,340	14,045,000	7,155,000	3,655,000	3,655,000	3,000,000	2,600,000
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HARFORD COMMUNITY COLLEGE

FY 23 Projects

Chesapeake Welcome Center	41,753,025	3,890,425	28,285,000	9,577,600	0	0	0	0
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Open Projects

Edgewood Hall Reno/Expansion	8,324,575	8,324,575	0	0	0	0	0	0
Fallston Hall Renovations	7,232,375	7,232,375	0	0	0	0	0	0

HCC BY PROJECT	57,309,975	19,447,375	28,285,000	9,577,600	0	0	0	0
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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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	16,760,000	0	14,230,000	2,530,000	0	0	0	0
Prior Bonds	9,676,575	9,676,575	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	28,940,800	9,770,800	14,055,000	5,115,000	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	1,932,600	0	0	1,932,600	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	57,309,975	19,447,375	28,285,000	9,577,600	0	0	0	0
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LIBRARIES

FY 23 Projects

Bel Air Library Renovations	19,700,000	0	2,200,000	17,500,000	0	0	0	0
Technology	2,309,100	1,859,100	450,000	0	0	0	0	0

Open Projects

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

LIBRARIES BY PROJECT	31,085,100	10,935,100	2,650,000	17,500,000	0	0	0	0
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Paygo	2,365,100	1,915,100	450,000	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	16,800,000	0	800,000	16,000,000	0	0	0	0
Prior Bonds	6,720,000	6,720,000	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	3,900,000	1,000,000	1,400,000	1,500,000	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Developer/Other	900,000	900,000	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

LIBRARIES BY FUND	31,085,100	10,935,100	2,650,000	17,500,000	0	0	0	0
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BOARD OF EDUCATION

FY 23 Projects

Athletic & Rec Repairs/Improve.	773,937	673,937	100,000	0	0	0	0	0
Bakerfield Elementary School	1,260,000	0	1,260,000	0	0	0	0	0
Educational Facility Program	6,475,576	3,090,576	3,385,000	0	0	0	0	0
Fleet Replacement	8,965,159	5,510,159	3,455,000	0	0	0	0	0
HCPS Facilities Master Plan	870,000	670,000	200,000	0	0	0	0	0
HCPS Facilities Repair Program	5,173,665	1,173,665	4,000,000	0	0	0	0	0
HCPS Site Improvements	4,255,000	2,075,000	2,180,000	0	0	0	0	0
Harford Tech HS Limited Renov.	45,968,375	0	20,000,000	12,984,188	12,984,187	0	0	0
Homestead/Wakefield ES	82,570,667	6,000,000	37,937,000	38,633,667	0	0	0	0
Life, Health, Safety/Compliance	5,912,000	2,267,000	3,645,000	0	0	0	0	0
Major HVAC	1,941,914	1,467,330	474,584	0	0	0	0	0
Meadowvale Elementary School	870,000	0	870,000	0	0	0	0	0
Relocatable Classrooms	3,606,896	2,706,896	900,000	0	0	0	0	0
Roof Replace - Bakerfield ES	2,175,000	0	2,175,000	0	0	0	0	0
Roof Replace - Bel Air MS	5,977,475	7,480,000	(1,502,525)	0	0	0	0	0
Roof Replace - Hickory ES	3,358,365	3,360,424	(2,059)	0	0	0	0	0
Swan Creek HVAC Upgrades	3,135,000	0	3,135,000	0	0	0	0	0
Technology Infrastructure	5,020,860	1,420,860	3,600,000	0	0	0	0	0

Open Projects

Abingdon ES Central Plant	2,378,000	2,378,000	0	0	0	0	0	0
Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Ctr for Ed. Opportunity HVAC	4,625,000	4,625,000	0	0	0	0	0	0
HdG MS/HS Replacement	99,268,000	99,268,000	0	0	0	0	0	0

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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BOARD OF EDUCATION

North Bend ES Plant/Fire Alarm	2,031,000	2,031,000	0	0	0	0	0	0
Roof Replace - Aberdeen MS	4,356,702	4,356,702	0	0	0	0	0	0
Roof Replace - Ctr for Ed Opport.	4,329,000	4,329,000	0	0	0	0	0	0
Roye Williams HVAC Systemic	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
Youth's Benefit ES Replacement	48,861,866	48,861,866	0	0	0	0	0	0

BOARD OF ED BY PROJECT	368,352,120	217,938,078	85,812,000	51,617,855	12,984,187	0	0	0
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Paygo	15,379,571	7,224,571	8,155,000	0	0	0	0	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	640,000	640,000	0	0	0	0	0	0
Future Bonds	72,592,042	0	42,675,000	23,993,355	5,923,687	0	0	0
Prior Bonds	147,361,580	147,361,580	0	0	0	0	0	0
Transfer Tax	94,044	94,044	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	115,362,500	50,945,500	29,732,000	27,624,500	7,060,500	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	14,235,896	8,985,896	5,250,000	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	365,665,633	215,251,591	85,812,000	51,617,855	12,984,187	0	0	0
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SUB-TOTAL GENERAL FUND	1,168,248,045	640,111,403	223,142,000	124,200,455	55,139,187	42,305,000	41,800,000	41,550,000
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SOLID WASTE SERVICES

FY 23 Projects

Waste to Energy Closure	13,163,753	8,163,753	5,000,000	0	0	0	0	0
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Outyear Projects

Environmental Studies/Projects	383,801	233,801	0	50,000	0	50,000	0	50,000
HWDC Landfill Capping	10,070,000	9,695,000	0	125,000	0	125,000	0	125,000
Solid Waste Facilities Repair	4,400,000	2,000,000	0	750,000	0	800,000	0	850,000

Open Projects

HWDC Compost Area Facilities	484,088	484,088	0	0	0	0	0	0
HWDC Pavement Upgrades	800,000	800,000	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

SOLID WASTE BY PROJECT	30,026,723	22,101,723	5,000,000	925,000	0	975,000	0	1,025,000
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Paygo	25,193,321	19,668,321	5,000,000	175,000	0	175,000	0	175,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	2,400,000	0	0	750,000	0	800,000	0	850,000
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	30,026,723	22,101,723	5,000,000	925,000	0	975,000	0	1,025,000
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TOTAL ALL GENERAL FUND	1,198,274,768	662,213,126	228,142,000	125,125,455	55,139,187	43,280,000	41,800,000	42,575,000
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PARKS & RECREATION

FY 23 Projects

ADA Improvements	990,000	395,000	75,000	0	100,000	140,000	140,000	140,000
Athletic Field Improvements	38,050,000	22,550,000	3,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Bleacher Renovations	670,000	490,000	100,000	0	80,000	0	0	0
Bush River Dredging/DMP Site	1,990,000	990,000	50,000	0	0	0	100,000	850,000
Canoe & Kayak Access	1,855,000	1,280,000	50,000	275,000	0	250,000	0	0
Churchville Center Renovations	875,000	575,000	300,000	0	0	0	0	0
Churchville Complex Develop.	8,616,830	8,556,830	60,000	0	0	0	0	0
Emmorton Rec/Tennis Ctr.	2,595,000	1,810,000	385,000	0	0	400,000	0	0
Equestrian Ctr. Improvements	1,300,000	575,000	75,000	100,000	0	300,000	0	250,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
PARKS & RECREATION								
Facility Repairs/Renovations	1,449,000	649,000	150,000	100,000	100,000	150,000	150,000	150,000
Jarrettsville Rec Complex/Ctr.	8,810,775	710,775	4,000,000	4,000,000	0	0	0	100,000
Joppa Youth/Senior Center	7,800,000	0	500,000	7,000,000	300,000	0	0	0
Mariner Point Park - DMP Site	1,650,000	1,200,000	450,000	0	0	0	0	0
McFaul Center Renovations	0	250,000	(250,000)	0	0	0	0	0
Northern Regional Park	6,825,000	575,000	250,000	1,500,000	0	4,500,000	0	0
Oakington Peninsula System	2,550,000	250,000	150,000	150,000	1,000,000	0	1,000,000	0
Outdoor AED Construction	180,000	0	30,000	30,000	30,000	30,000	30,000	30,000
P & R Facility Dev./Renovations	2,656,315	0	2,656,315	0	0	0	0	0
Park Improvements	505,000	205,000	50,000	50,000	50,000	50,000	50,000	50,000
Parking Lot Paving	2,224,000	1,299,000	250,000	150,000	0	175,000	175,000	175,000
Parkland Acquisition	21,771,000	13,321,000	1,775,000	1,075,000	1,075,000	1,075,000	1,600,000	1,850,000
Playground Equipment	7,690,000	4,650,000	1,675,000	175,000	240,000	400,000	500,000	50,000
SWM Pond Repair/Renovation	1,325,000	905,000	120,000	0	150,000	0	150,000	0
Swan Harbor Farm Improvements	1,064,000	764,000	50,000	50,000	50,000	50,000	50,000	50,000
Tennis/Multipurpose/Pickleball	2,710,000	1,560,000	400,000	150,000	150,000	150,000	150,000	150,000
Trails and Linear Parks	26,150,000	17,200,000	1,000,000	1,000,000	1,500,000	1,000,000	1,500,000	2,950,000
12 Stones Park	2,000,000	0	250,000	1,500,000	0	0	0	250,000
Outyear Projects								
Backstop Renovations	490,000	270,000	0	0	50,000	65,000	40,000	65,000
Blake's Venture Park	1,100,000	0	0	0	100,000	0	1,000,000	0
Bulkhead Renovations	555,000	40,000	0	515,000	0	0	0	0
Darlington Park Development	2,035,000	1,985,000	0	0	50,000	0	0	0
Debris/Derelict Boats	200,000	100,000	0	0	0	100,000	0	0
Demarco Memorial Park	140,000	40,000	0	0	0	0	100,000	0
Disc Golf Course	100,000	50,000	0	0	50,000	0	0	0
Dog Park Construction/Improve.	1,053,500	673,500	0	90,000	90,000	0	100,000	100,000
Eden Mill Park Rehabilitation	2,380,000	1,255,000	0	500,000	0	0	125,000	500,000
Edgeley Grove Farm	940,000	140,000	0	0	50,000	0	750,000	0
Edgewood Recreation Park	700,000	50,000	0	500,000	0	0	150,000	0
Emily Bayless Graham Park	4,145,000	3,395,000	0	250,000	0	500,000	0	0
Enlarged Gyms/Joint Facilities	3,300,000	1,200,000	0	700,000	0	700,000	0	700,000
Flying Point Park Improvements	1,203,000	1,053,000	0	0	0	150,000	0	0
Graybeal Fields	125,000	0	0	0	125,000	0	0	0
Gunpowder River Dredging	3,384,000	2,234,000	0	0	0	150,000	1,000,000	0
Gym Floor Repair/Renovation	360,000	210,000	0	0	50,000	50,000	50,000	0
Heavenly Waters Park - Soma	625,000	200,000	0	0	75,000	0	0	350,000
Norrisville Park	2,525,000	1,375,000	0	600,000	0	0	550,000	0
Prospect Mill Park	610,000	250,000	0	0	0	180,000	180,000	0
Rockfield Park Improvements	370,000	270,000	0	0	0	100,000	0	0
Schuks Road Regional Complex	8,660,415	8,110,415	0	0	0	0	0	550,000
Tollgate Woodshop	85,000	40,000	0	0	0	45,000	0	0
Open Projects								
Aberdeen Activity Center	9,000,000	9,000,000	0	0	0	0	0	0
Anita C. Leight Improvements	1,055,000	1,055,000	0	0	0	0	0	0
Benson Field Development	100,000	100,000	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 Improve.	450,000	450,000	0	0	0	0	0	0
Francis Silver Park Improve.	425,000	425,000	0	0	0	0	0	0
Indoor Rec Facility - Forest Hill	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 Develop.	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
Perryman Park Development	120,000	120,000	0	0	0	0	0	0
Robert Copenhaver Park	300,000	300,000	0	0	0	0	0	0
Rock Glenn Park	1,300,000	1,300,000	0	0	0	0	0	0
Vale Road Park	125,000	125,000	0	0	0	0	0	0
PARKS & RECREATION BY PROJECT	206,707,835	121,021,520	17,601,315	22,960,000	7,965,000	13,210,000	12,140,000	11,810,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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PARKS & RECREATION

Paygo	4,315,322	3,965,322	0	50,000	50,000	50,000	50,000	150,000
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	49,100,000	0	9,250,000	16,700,000	4,800,000	8,700,000	3,500,000	6,150,000
Prior Bonds	44,506,830	44,506,830	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	42,266,953	26,976,953	2,495,000	3,320,000	1,665,000	2,015,000	3,385,000	2,410,000
State	47,059,315	27,738,000	5,306,315	2,865,000	1,340,000	1,680,000	5,130,000	3,000,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0
Developer/Other	10,645,000	9,020,000	550,000	25,000	110,000	765,000	75,000	100,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

PARKS & RECREATION BY FUND	206,707,835	121,021,520	17,601,315	22,960,000	7,965,000	13,210,000	12,140,000	11,810,000
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HIGHWAYS - BRIDGES

FY 23 Projects

Abingdon Rd. Bridge #169 CSX	10,230,000	5,230,000	2,500,000	2,500,000	0	0	0	0
Ayres Chapel Road Bridge #116	1,400,000	0	400,000	25,000	0	975,000	0	0
Bridge & Culvert Rehabilitation	12,400,000	6,200,000	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Bridge & Road Scour Repairs	3,725,000	2,225,000	250,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Under 20'	1,310,000	350,000	300,000	0	325,000	0	335,000	0
Boggs Road Bridge #66	1,950,000	300,000	100,000	1,550,000	0	0	0	0
Deep Run Rd Bridge #152	1,375,000	300,000	50,000	0	1,025,000	0	0	0
Glen Cove Road Bridge #155	1,475,912	1,225,912	250,000	0	0	0	0	0
Glenville Rd Bridge #30	2,160,000	510,000	350,000	0	1,300,000	0	0	0
Grier Nursery Rd Bridge #43	5,200,000	600,000	400,000	2,100,000	2,100,000	0	0	0
Scarboro Rd Bridge #140	1,475,000	350,000	25,000	0	0	1,100,000	0	0
Stafford Rd Bridge #24	3,755,000	3,405,000	350,000	0	0	0	0	0
Stafford Rd Bridge #162	1,825,000	0	400,000	400,000	25,000	0	1,000,000	0
Structural Evaluation	820,000	520,000	50,000	50,000	50,000	50,000	50,000	50,000
Trappe Church Rd Bridge #161	2,050,000	500,000	200,000	50,000	0	1,300,000	0	0

Outyear Projects

Bridge Deck Replacements	1,400,000	0	0	0	0	0	400,000	1,000,000
Bridge Inspection Over 20'	8,700,000	3,000,000	0	1,700,000	0	1,900,000	0	2,100,000
Bridge Painting	2,200,000	950,000	0	250,000	250,000	250,000	250,000	250,000
Chestnut Hill Rd Bridge #41	300,000	0	0	0	0	0	0	300,000
Culllum Rd Bridge #112	725,000	0	0	0	0	350,000	350,000	25,000
Edwards Lane Culvert	1,050,000	0	0	0	0	0	1,050,000	0
Fawn Grove Rd Bridge #132	1,785,000	10,000	0	400,000	50,000	0	1,325,000	0
Hess Rd Bridge #81	850,000	0	0	0	0	400,000	400,000	50,000
Hookers Mill Rd Bridge #13	3,250,000	600,000	0	0	2,650,000	0	0	0
Kalmia Rd Bridge #223	725,000	0	0	0	0	0	350,000	375,000
Lake Fanny Rd Bridge #211	425,000	0	0	0	0	0	400,000	25,000
Madonna Rd Bridge #113	3,250,000	600,000	0	0	0	2,650,000	0	0
Moore's Rd Bridge #78	2,500,000	0	0	400,000	400,000	50,000	1,650,000	0
Rush Rd Bridge #97	1,425,000	0	0	0	400,000	25,000	0	1,000,000
St. Clair Rd Bridge #100	2,725,000	0	0	0	400,000	400,000	25,000	1,900,000
Stafford Rd Bridge #19	350,000	0	0	0	0	0	0	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
Johnson Mill Rd Bridge #45	1,450,000	1,450,000	0	0	0	0	0	0
Phillips Mill Rd Bridge #70	3,550,000	3,550,000	0	0	0	0	0	0

BRIDGES BY PROJECT	92,725,912	36,790,912	6,825,000	10,675,000	10,225,000	10,700,000	8,835,000	8,675,000
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Paygo	27,199,762	13,189,762	600,000	3,250,000	1,875,000	3,450,000	2,285,000	2,550,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0
Future Bonds	17,265,000	0	2,865,000	3,105,000	2,870,000	3,170,000	3,550,000	1,705,000
Prior Bonds	7,968,912	7,968,912	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	40,223,000	15,563,000	3,360,000	4,320,000	5,480,000	4,080,000	3,000,000	4,420,000
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	92,725,912	36,790,912	6,825,000	10,675,000	10,225,000	10,700,000	8,835,000	8,675,000
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - ROADWAYS

FY 23 Projects

Curb, Sidewalks, Handicap Ramp	2,400,000	0	400,000	400,000	400,000	400,000	400,000	400,000
Drainage Improvements	2,675,000	1,775,000	150,000	150,000	150,000	150,000	150,000	150,000
Guardrails	2,190,000	1,315,000	125,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	7,066,728	4,666,728	400,000	400,000	400,000	400,000	400,000	400,000
Stormdrain Rehabilitation	3,241,231	2,041,231	200,000	200,000	200,000	200,000	200,000	200,000
Streetlights	300,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Traffic Calming/Bicycle/Road Saf.	1,700,000	800,000	150,000	150,000	150,000	150,000	150,000	150,000
Traffic Signals	1,354,601	544,601	135,000	135,000	135,000	135,000	135,000	135,000
Trimble Rd (Joppa to Garnett)	2,425,000	25,000	50,000	200,000	0	50,000	0	2,100,000
Woodley Road Extension MD 715	12,250,000	7,250,000	5,000,000	0				

Outyear Projects

Carrs Mill Rd (MD152-Grafton Sh.)	200,000	0	0	100,000	100,000	0	0	0
New Roads & Stormdrains	4,025,000	3,025,000	0	200,000	200,000	200,000	200,000	200,000
Perryman Access - Mitchell Lane	2,000,000	0	0	0	0	0	1,000,000	1,000,000
Tollgate Rd/Vale Rd Corridor	1,775,000	200,000	0	450,000	200,000	0	925,000	0

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
Spesutia Rd Reconst/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Tollgate/W Ring Factory/Plumtree	7,423,439	7,423,439	0	0	0	0	0	0
Village of Scots Fancy Starmount	750,000	750,000	0	0	0	0	0	0
Washington Court Access Road	2,150,000	2,150,000	0	0	0	0	0	0

ROADWAYS BY PROJECT	70,535,087	48,575,087	6,660,000	2,585,000	2,135,000	1,885,000	3,760,000	4,935,000
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Paygo	18,975,072	14,690,072	610,000	735,000	735,000	735,000	735,000	735,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
Future Bonds	17,175,000	0	6,050,000	1,750,000	1,300,000	1,050,000	2,925,000	4,100,000
Prior Bonds	22,095,975	22,095,975	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	5,396,000	4,896,000	0	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	70,535,087	48,575,087	6,660,000	2,585,000	2,135,000	1,885,000	3,760,000	4,935,000
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HIGHWAYS - RESURFACING

FY 23 Projects

Highways Infra. Investment	0	10,000,000	(10,000,000)	0	0	0	0	0
Resurfacing Roadways	94,322,870	36,697,870	8,000,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000

RESURFACING BY PROJECT	94,322,870	46,697,870	(2,000,000)	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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Paygo	93,322,870	36,697,870	7,000,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	873,825	0	873,825	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	10,000,000	(10,000,000)	0	0	0	0	0
Developer/Other	126,175	0	126,175	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

RESURFACING BY FUND	94,322,870	46,697,870	(2,000,000)	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - MISCELLANEOUS

FY 23 Projects

APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Efficiency Capital Investment	405,000	380,000	25,000	0	0	0	0	0
Fleet Replacement	33,192,000	18,192,000	2,000,000	2,400,000	2,500,000	2,600,000	2,700,000	2,800,000
Highways Facilities Repair	2,027,000	1,427,000	100,000	100,000	100,000	100,000	100,000	100,000
Norrisville Hwys Facility	4,200,000	1,500,000	2,700,000	0	0	0	0	0
Refresh Program	1,040,500	740,500	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Ops	4,162,450	3,712,450	75,000	75,000	75,000	75,000	75,000	75,000

Open Projects

Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0
HMAN	930,000	930,000	0	0	0	0	0	0
Lease Asset	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	59,532,250	40,457,250	4,950,000	2,625,000	2,725,000	2,825,000	2,925,000	3,025,000
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Paygo	44,282,708	28,266,708	2,391,000	2,525,000	2,625,000	2,725,000	2,825,000	2,925,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	3,200,000	0	2,700,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	9,166,000	9,166,000	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	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	560,592	(141,000)	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	2,000,000	2,000,000	0	0	0	0	0	0

MISCELLANEOUS BY FUND	59,532,250	40,457,250	4,950,000	2,625,000	2,725,000	2,825,000	2,925,000	3,025,000
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TOTAL HIGHWAYS FUND	317,116,119	172,521,119	16,435,000	25,410,000	24,810,000	25,335,000	25,645,000	26,960,000
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WATER PROJECTS

FY 23 Projects

Abingdon Park Water	1,000,000	0	1,000,000	0	0	0	0	0
Abingdon WTP Switch Gear	5,150,000	4,150,000	1,000,000	0	0	0	0	0
Central W&S Laboratory	2,335,000	85,000	250,000	0	2,000,000	0	0	0
Infrastructure Mgmt System	1,300,000	550,000	150,000	150,000	150,000	150,000	150,000	0
Joppatowne Facility Improvements	1,750,000	0	250,000	750,000	750,000	0	0	0
Oak Grove Booster Station	2,330,000	330,000	2,000,000	0	0	0	0	0
Perryman GAC Plant Improve.	250,000	1,000,000	(750,000)	0	0	0	0	0
Renewal & Replacement Water	3,550,000	2,150,000	500,000	300,000	300,000	0	300,000	0
SCADA Info Mgmnt Systems	5,000,000	2,000,000	500,000	2,500,000	0	0	0	0
SHA Improvement Projects	1,390,000	310,000	280,000	300,000	0	500,000	0	0
W&S Infrastructure Improvement	6,491,340	3,450,000	(2,208,660)	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000

Outyear Projects

City of Baltimore - Deer Creek PS	8,200,000	5,200,000	0	0	3,000,000	0	0	0
MDTA I-95 Improvements	4,450,000	1,450,000	0	3,000,000	0	0	0	0
Perryman Wellfield Improve.	3,850,000	350,000	0	0	3,500,000	0	0	0
US 40 Water Main Replacement	1,100,000	600,000	0	250,000	0	250,000	0	0
Water Meter Upgrade	2,610,000	2,110,000	0	250,000	0	250,000	0	0
Water Tank Design & Construct.	3,700,000	300,000	0	400,000	3,000,000	0	0	0
Water Zone Improvements	1,530,000	1,030,000	0	200,000	100,000	200,000	0	0

Open Projects

Abingdon Rd Water	3,271,540	3,271,540	0	0	0	0	0	0
Abingdon WTP pH Control	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
HdG WTP Upgrade	1,150,000	1,150,000	0	0	0	0	0	0
Magnolia Booster Station	1,800,000	1,800,000	0	0	0	0	0	0
Replace. of Water SCADA	2,250,000	2,250,000	0	0	0	0	0	0
US 40 & Rt. 159 SHA Water Reloc.	3,900,000	3,900,000	0	0	0	0	0	0

WATER BY PROJECT	69,907,880	38,986,540	2,971,340	9,350,000	13,800,000	2,350,000	1,450,000	1,000,000
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

	Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
WATER PROJECTS								
Paygo	29,780,000	13,300,000	1,430,000	8,800,000	2,000,000	2,100,000	1,150,000	1,000,000
Prior Paygo	41,340	0	41,340	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	14,400,000	0	1,500,000	550,000	11,800,000	250,000	300,000	0
Prior Bonds	25,386,540	25,386,540	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	300,000	300,000	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
WATER BY FUND	69,907,880	38,986,540	2,971,340	9,350,000	13,800,000	2,350,000	1,450,000	1,000,000
SEWER PROJECTS								
<u>FY 23 Projects</u>								
Brentwood Park PS Improve.	2,987,045	2,200,000	787,045	0	0	0	0	0
Infiltration & Inflow	1,500,000	800,000	200,000	200,000	200,000	100,000	0	0
Oaklyn Manor/Joppa Area Sewer	1,678,255	1,950,300	(272,045)	0	0	0	0	0
Pumping Station Improve.	1,965,000	565,000	500,000	0	400,000	0	500,000	0
Renewal/Replace. Sewer	5,650,000	2,150,000	100,000	800,000	1,500,000	900,000	200,000	0
Sod Run Facility Improvements	29,893,151	11,632,261	6,710,890	0	350,000	4,450,000	6,750,000	0
Sod Run WWTP UV Disinfection	7,700,000	4,200,000	2,500,000	1,000,000	0	0	0	0
Town Ctr Dr PS Replacements	599,677	810,567	(210,890)	0	0	0	0	0
<u>Outyear Projects</u>								
Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	2,000,000	0	0
Edgewood Interceptor Sewer	1,150,000	650,000	0	0	0	0	500,000	0
Inventory Storage & Control	4,785,000	385,000	0	0	400,000	4,000,000	0	0
Plum Tree Collector Sewer/PS	2,750,000	0	0	0	0	250,000	2,500,000	0
<u>Open Projects</u>								
Bill Bass PS FM Replacement	810,302	810,302	0	0	0	0	0	0
Bio Solids Facilities Enhancement	37,350,000	19,500,000	0	7,000,000	7,000,000	0	350,000	3,500,000
Bush Creek Pumping Station	28,400,000	28,400,000	0	0	0	0	0	0
Bynum Ridge Replacement Sewer	800,000	800,000	0	0	0	0	0	0
Fallston Area Sewer	3,800,000	3,800,000	0	0	0	0	0	0
Freys Road Sewer Petition	1,275,000	1,275,000	0	0	0	0	0	0
Future Petition Projects	375,000	375,000	0	0	0	0	0	0
Hickory Sewer Infrastructure	3,000,000	3,000,000	0	0	0	0	0	0
Lower Bynum Run Interceptor	9,120,324	9,120,324	0	0	0	0	0	0
Magnolia Sewer Petition	692,500	692,500	0	0	0	0	0	0
Woodbridge Sewer Petition	4,020,300	4,020,300	0	0	0	0	0	0
SEWER BY PROJECT	152,526,554	97,361,554	10,315,000	9,000,000	9,850,000	11,700,000	10,800,000	3,500,000
Paygo	21,373,348	14,973,348	1,100,000	1,000,000	950,000	350,000	3,000,000	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	229,390	229,390	0	0	0	0	0	0
Future Bonds	48,765,000	0	9,215,000	8,000,000	8,900,000	11,350,000	7,800,000	3,500,000
Prior Bonds	76,495,716	76,495,716	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	4,717,800	4,717,800	0	0	0	0	0	0
Federal	765,300	765,300	0	0	0	0	0	0
Developer/Other	180,000	180,000	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
SEWER BY FUND	152,526,554	97,361,554	10,315,000	9,000,000	9,850,000	11,700,000	10,800,000	3,500,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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W&S MISCELLANEOUS

Efficiency Capital Investment	480,000	455,000	25,000	0	0	0	0	0
Fleet Replacement	14,072,000	7,472,000	1,600,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Refresh Program	1,067,000	767,000	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Ops	4,366,650	3,916,650	75,000	75,000	75,000	75,000	75,000	75,000
700 MHz Wireless Radio System	607,660	649,000	(41,340)	0	0	0	0	0
Water & Sewer Facilities Repair	1,750,000	1,000,000	250,000	250,000	0	250,000	0	0
Open Projects								
Fleet Maintenance Facility	1,420,000	1,420,000	0	0	0	0	0	0
HMAN	1,220,000	1,220,000	0	0	0	0	0	0
Lease Asset	2,000,000	2,000,000	0	0	0	0	0	0
Under/Aboveground St. 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	29,533,310	21,449,650	1,958,660	1,375,000	1,125,000	1,375,000	1,125,000	1,125,000
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Paygo	23,921,650	16,546,650	1,750,000	1,125,000	1,125,000	1,125,000	1,125,000	1,125,000
Prior Paygo	(41,340)	0	(41,340)	0	0	0	0	0
Reappropriated	103,000	103,000	0	0	0	0	0	0
Future Bonds	750,000	0	250,000	250,000	0	250,000	0	0
Prior Bonds	2,420,000	2,420,000	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	2,000,000	2,000,000	0	0	0	0	0	0

W&S MISC. BY PROJECT	29,533,310	21,449,650	1,958,660	1,375,000	1,125,000	1,375,000	1,125,000	1,125,000
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TOTAL WATER & SEWER FUND	251,967,744	157,797,744	15,245,000	19,725,000	24,775,000	15,425,000	13,375,000	5,625,000
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TOTAL APPROVED CIP	1,974,066,466	1,113,553,509	277,423,315	193,220,455	112,689,187	97,250,000	92,960,000	86,970,000
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CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 23 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.	\$25,000,000	\$25,000,000	Annual maintenance cost of HMAN backbone and laterals.
<u>Courthouse Building Repairs</u> Provides funding for repairs and renovations to the Courthouse building.	\$0	\$10,034,900	Continued repair and renovation to the building will have a slight impact maintenance.(<\$4,000)
<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.	\$300,000	\$1,485,400	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.	\$3,000,000	\$30,540,000	Replacement of vehicles and equipment can create a cost savings in fuel, repair and maintenance by replacing inefficient pieces of fleet with modernized, efficient models.
<i>PUBLIC SAFETY PROJECTS:</i>			
<u>HCSO Cell Site Simulator Replacement</u> This project will replace existing digital receiver technology that is outdated and ineffective.	\$600,000	\$600,000	Annual maintenance on the platform vehicle.
<u>North Harford Station</u> This project provides funding to construct an EMS station. This station will be staffed by county career based personnel and primarily serve the rural communities in northern Harford County.	\$0	\$4,700,000	Maintenance and staffing expenses funded within the operating budget.
<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.	\$1,100,000	\$8,865,000	Motorola contract will increase annually by 2% to 4%.
<u>Multi-Agency Public Safety Mobile Command Center</u> This project is to purchase a Mobile Command Vehicle to serve as a command post.	\$0	\$1,800,000	Internet connection fees, general maintenance and fuel expense.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 23 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<i>PUBLIC SAFETY PROJECTS (cont.):</i>			
<u>Next-Gen 911</u> This project is to upgrade the outdated 911 system through Next Generation Technologies.	\$1,500,000	\$22,735,000	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.
<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.	\$3,200,000	\$7,000,000	Utility costs, internet connection and general maintenance expenses.
<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	\$38,050,000	Weekly maintenance, including field grooming.
<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.	\$1,775,000	\$21,771,000	The Department currently pays approximately \$26.10/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 \$169,650 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.	\$1,000,000	\$26,150,000	Weekly maintenance, including trail maintenance and trash collection.
<i>HIGHWAYS PROJECTS:</i>			
<u>Streetlights</u> This project provides for the upgrade of County owned streetlights.	\$50,000	\$300,000	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	\$405,000	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 23 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.	\$2,000,000	\$33,192,000	Replacement of vehicles and equipment can create a cost savings in fuel, repair and maintenance by replacing inefficient pieces of fleet with modernized, efficient models.
<i>WATER AND SEWER MISCELLANEOUS 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	\$480,000	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.	\$1,600,000	\$14,072,000	Replacement of vehicles and equipment can create a cost savings in fuel, repair and maintenance by replacing inefficient pieces of fleet with modernized, efficient models.

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 23 Bond Funding</u>	<u>Annual Debt Service</u>
<u>GENERAL PROJECTS:</u>			
Facilities Repair Program	\$0	\$5,000,000	\$125,000
Harford County Metro Area Network (HMAN)	\$16,200,000	\$1,000,000	\$405,000
HCSO Central Precinct & Training Academy	\$1,000,000	\$20,500,000	\$537,500
Site Acquisition	\$25,007,761	\$500,000	\$637,694
Abingdon Library Window and HVAC Replacement	\$589,000	\$0	\$14,725
Courthouse Building Repairs	\$9,800,000	\$0	\$245,000
Facilities Repair Program	\$29,148,308	\$0	\$582,966
Fleet Maintenance Facility	\$16,126,000	\$0	\$403,150
Harford County Agricultural Research & Exposition Center	\$2,250,000	\$0	\$56,250
Humane Society	\$6,000,000	\$0	\$150,000
Underground and Aboveground Storage Tank Management	\$739,000	\$0	\$18,475
<u>WATERSHED MANAGEMENT PROJECTS:</u>			
Bynum Run Watershed Restoration Improvements	\$0	\$800,000	\$20,000
County Owned Watershed Restoration Improvements	\$0	\$3,200,000	\$80,000
Riverside Area Watershed Restoration	\$0	\$1,200,000	\$30,000
Watershed Restoration Assessment	\$0	\$1,200,000	\$30,000
Watershed Restoration Improvements	\$0	\$1,750,000	\$43,750
Wheel Creek Watershed Restoration	\$1,950,000	\$300,000	\$56,250
Bynum Run @ St. Andrews Way Stream Restoration	\$338,961	\$0	\$8,474
County Owned Watershed Restoration Improvements	\$12,500,000	\$0	\$312,500

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 23 Bond Funding</u>	<u>Annual Debt Service</u>
<u>WATERSHED MANAGEMENT PROJECTS:</u>			
Joppatowne Area Watershed Restoration	\$2,950,000	\$0	\$73,750
Middle Bynum Run Watershed Restoration Improvements	\$650,000	\$0	\$16,250
Plumtree Run Watershed Restoration	\$5,150,000	\$0	\$128,750
Riverside Area Watershed Restoration	\$2,220,000	\$0	\$55,500
Sams Branch Watershed Restoration	\$1,170,000	\$0	\$29,250
Sunnyview Stream Restoration	\$2,661,039	\$0	\$66,526
Upper Bynum Run Watershed Restoration Improvements	\$2,200,000	\$0	\$55,000
Watershed Restoration Assessment	\$6,950,000	\$0	\$173,750
Watershed Restoration Improvements	\$4,150,000	\$0	\$103,750
Watershed Restoration Maintenance	\$160,000	\$0	\$4,000
<u>PUBLIC SAFETY PROJECTS:</u>			
HCDC Facility Repairs/Upgrades	\$0	\$2,040,000	\$51,000
Mobile/Portable Radio System Upgrade	\$7,115,000	\$1,100,000	\$205,375
Riverside Fire and EMS Station	\$3,800,000	\$3,200,000	\$175,000
Emergency Operations Center Complex	\$32,661,500	\$0	\$816,538
Multi-Agency Public Safety Mobile Command Center	\$1,800,000	\$0	\$45,000
North Harford Station	\$4,700,000	\$0	\$117,500
<u>HARFORD COMMUNITY COLLEGE PROJECTS:</u>			
Chesapeake Welcome Center	\$2,747,425	\$14,230,000	\$424,436
Edgewood Hall Renovation & Expansion	\$3,464,575	\$0	\$86,614
Fallston Hall Renovations	\$3,464,575	\$0	\$86,614

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 23 Bond Funding</u>	<u>Annual Debt Service</u>
<u>HARFORD COUNTY PUBLIC LIBRARIES PROJECTS:</u>			
Bel Air Library Renovations	\$0	\$800,000	\$20,000
Havre de Grace Renovations	\$6,720,000	\$0	\$168,000
<u>BOARD OF EDUCATION PROJECTS:</u>			
Athletic and Recreation Repairs and Improvements	\$312,299	\$0	\$7,807
Bakerfield Elementary School	\$0	\$625,000	\$15,625
Educational Facility Program	\$2,640,576	\$3,385,000	\$150,639
Fleet Replacement	\$16,159	\$0	\$404
HCPS Facilities Repair Program	\$904,148	\$0	\$22,604
HCPS Site Improvements	\$1,380,000	\$0	\$34,500
Harford Technical High School Limited Renovation Project	\$0	\$10,000,000	\$250,000
Homestead Wakefield Elementary Major Project	\$6,000,000	\$22,175,000	\$704,375
Life, Health, Safety and Compliance Measures	\$2,267,000	\$3,465,000	\$143,300
Major HVAC	\$1,491,414	\$0	\$37,298
Meadowvale Elementary School	\$0	\$430,000	\$10,750
Roof Replacement - Bakerfield Elementary School	\$0	\$930,000	\$23,250
Roof Replacement - Bel Air Middle School	\$1,693,475	\$0	\$42,337
Roof Replacement - Hickory Elementary School	\$801,365	\$0	\$16,068
Swan Creek HVAC Upgrades	\$0	\$1,665,000	\$41,625
Abingdon Elementary School Central Plant	\$1,247,000	\$0	\$31,175
Center for Educational Opportunity - HVAC	\$2,200,000	\$0	\$55,000
Havre de Grace Middle/High School Replacement	\$77,474,000	\$0	\$1,936,850
North Bend Elementary School Central Plant & Fire Alarm	\$1,054,500	\$0	\$26,363
Roof Replacement - Aberdeen Middle School	\$1,477,702	\$0	\$36,943
Roof Replacement - Center for Educational Opportunity	\$1,850,000	\$0	\$46,250

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 23 Bond Funding</u>	<u>Annual Debt Service</u>
<u>BOARD OF EDUCATION PROJECTS:</u>			
Roye Williams HVAC Systemic Renovation	\$6,743,000	\$0	\$168,575
Youth's Benefit Elementary School Replacement	\$38,611,866	\$0	\$965,297
<u>SOLID WASTE PROJECTS:</u>			
Solid Waste Facilities Repair Program	\$1,500,000	\$0	\$37,500
HWDC Compost Area Facilities	\$484,088	\$0	\$12,102
Tollgate Yard Trim Recycling Center	\$449,314	\$0	\$11,233
TOTAL ESTIMATED ANNUAL DEBT SERVICE - GENERAL FUND:			\$11,487,207
<u>PARKS AND RECREATION PROJECTS:</u>			
Athletic Field Improvements	\$20,400,000	\$2,500,000	\$572,500
Churchville Complex Development	\$7,176,830	\$0	\$179,421
Jarrettsville Recreation Complex/Center	\$200,000	\$4,000,000	\$105,000
Joppa/Joppatowne Youth/Senior Center	\$0	\$500,000	\$12,500
P&R Facility Development and Renovations	\$0	\$1,250,000	\$31,250
Trails and Linear Parks	\$4,000,000	\$1,000,000	\$125,000
Enlarged Gymnasiums & Joint Facilities	\$1,200,000	\$0	\$33,480
Schucks Road Regional Complex	\$2,530,000	\$0	\$63,250
Aberdeen Activity Center	\$9,000,000	\$0	\$225,000
TOTAL ESTIMATED ANNUAL DEBT SERVICE - PARKS AND RECREATION			\$1,347,401
<u>HIGHWAYS PROJECTS:</u>			
Abingdon Road Bridge #169 over CSX	\$930,000	\$500,000	\$35,750
Ayres Chapel Road Bridge #116	\$0	\$400,000	\$10,000
Bridge Culvert Rehabilitation	\$850,000	\$1,200,000	\$51,250
Boggs Road Bridge #66	\$300,000	\$100,000	\$10,000

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 23 Bond Funding</u>	<u>Annual Debt Service</u>
<u>HIGHWAYS PROJECTS:</u>			
Deep Run Road Bridge #152	\$300,000	\$50,000	\$8,750
Glen Cove Road Bridge #155	\$1,225,912	\$250,000	\$36,898
Glenville Road Bridge #30	\$60,000	\$70,000	\$3,250
Grier Nursery Road Bridge #43	\$60,000	\$80,000	\$3,500
Scarboro Road Bridge #140	\$350,000	\$25,000	\$9,375
Stafford Road Bridge #24	\$765,000	\$70,000	\$20,875
Stafford Road Bridge #162	\$0	\$80,000	\$2,000
Trappe Church Road Bridge #161	\$100,000	\$40,000	\$3,500
Hookers Mill Road Bridge #113	\$160,000	\$0	\$4,000
Madonna Road Bridge #113	\$160,000	\$0	\$4,000
<u>HIGHWAYS PROJECTS:</u>			
Chestnut Hill Bridge #40	\$508,000	\$0	\$12,700
Johnson Mill Road Bridge #45	\$1,450,000	\$0	\$36,250
Phillips Mill Road Bridge #70	\$750,000	\$0	\$18,750
Curb, Sidewalks, and Handicap Ramp Replacement	\$0	\$400,000	\$10,000
Intersection Improvements	\$1,235,000	\$400,000	\$30,875
Stormdrain Rehabilitation	\$0	\$200,000	\$5,000
Trimble Road (Joppa Road to Garnett Road)	\$0	\$50,000	\$1,250
Woodley Road Extension to MD 715	\$2,250,000	\$5,000,000	\$181,250
Tollgate Road/Vale Road Corridor	\$200,000	\$0	\$5,000
Moores Mill Road	\$6,730,975	\$0	\$168,274
Spesutia Road Reconstruction/Upgrade	\$5,250,000	\$0	\$131,250
Tollgate Road (West Ring Factory Rd to Plumtree Rd)	\$4,280,000	\$0	\$107,000

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

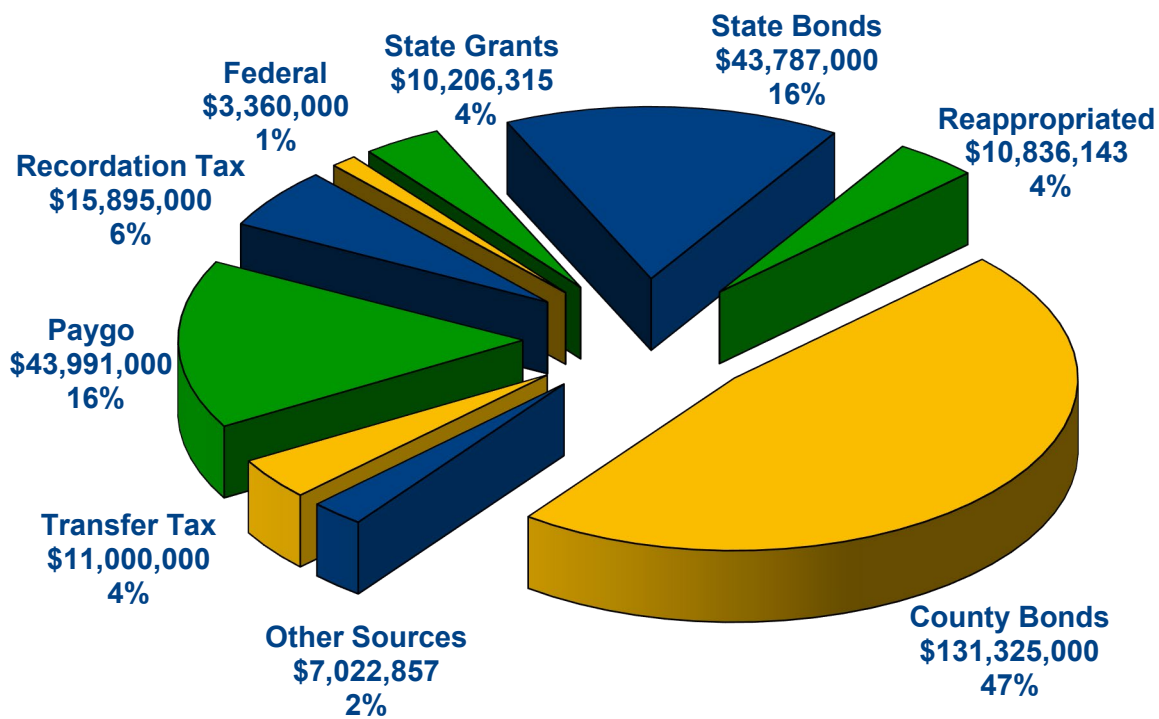
<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 23 Bond Funding</u>	<u>Annual Debt Service</u>
<u>HIGHWAYS PROJECTS:</u>			
Washington Court Access Road	\$2,150,000	\$0	\$53,750
Highways Facilities Repair Program	\$420,000	\$0	\$10,500
Norrisville Highways Facility	\$1,500,000	\$2,700,000	\$105,000
Fleet Maintenance Facility	\$7,246,000	\$0	\$181,150
TOTAL ESTIMATED ANNUAL DEBT SERVICE - HIGHWAYS FUND:			\$1,261,147
<u>WATER AND SEWER PROJECTS:</u>			
Abingdon WTP Switch Gear/Generator Upgrade	\$4,150,000	\$1,000,000	\$128,750
Central W&S Laboratory	\$85,000	\$0	\$2,125
Oak Grove Booster Station (Ridgeley's Reserve)	\$330,000	\$0	\$8,250
Renewal and Replacement Water Infrastructure	\$1,600,000	\$500,000	\$52,500
City of Baltimore - Deer Creek PS and Valve Improvements	\$5,200,000	\$0	\$130,000
Perryman Wellfield Improvements	\$150,000	\$0	\$3,750
US 40 Water Main Replacement	\$600,000	\$0	\$15,000
Abingdon Road Water	\$3,271,540	\$0	\$81,789
Abingdon Water Treatment Plant pH Control System	\$250,000	\$0	\$6,250
City of Baltimore Raw Water Supply	\$1,300,000	\$0	\$32,500
Havre de Grace Water Treatment Plant Upgrade	\$1,150,000	\$0	\$28,750
Magnolia Booster Station	\$1,450,000	\$0	\$36,250
Replacement of Water Booster Station (SCADA)	\$1,950,000	\$0	\$48,750
US 40 and Rt. 159 SHA Water Relocation	\$3,900,000	\$0	\$97,500
Brentwood Park Pumping Station Improvements	\$1,522,045	\$0	\$38,051
Oaklyn Manor/Joppa Area Sewer Relief	\$732,955	\$0	\$18,324

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

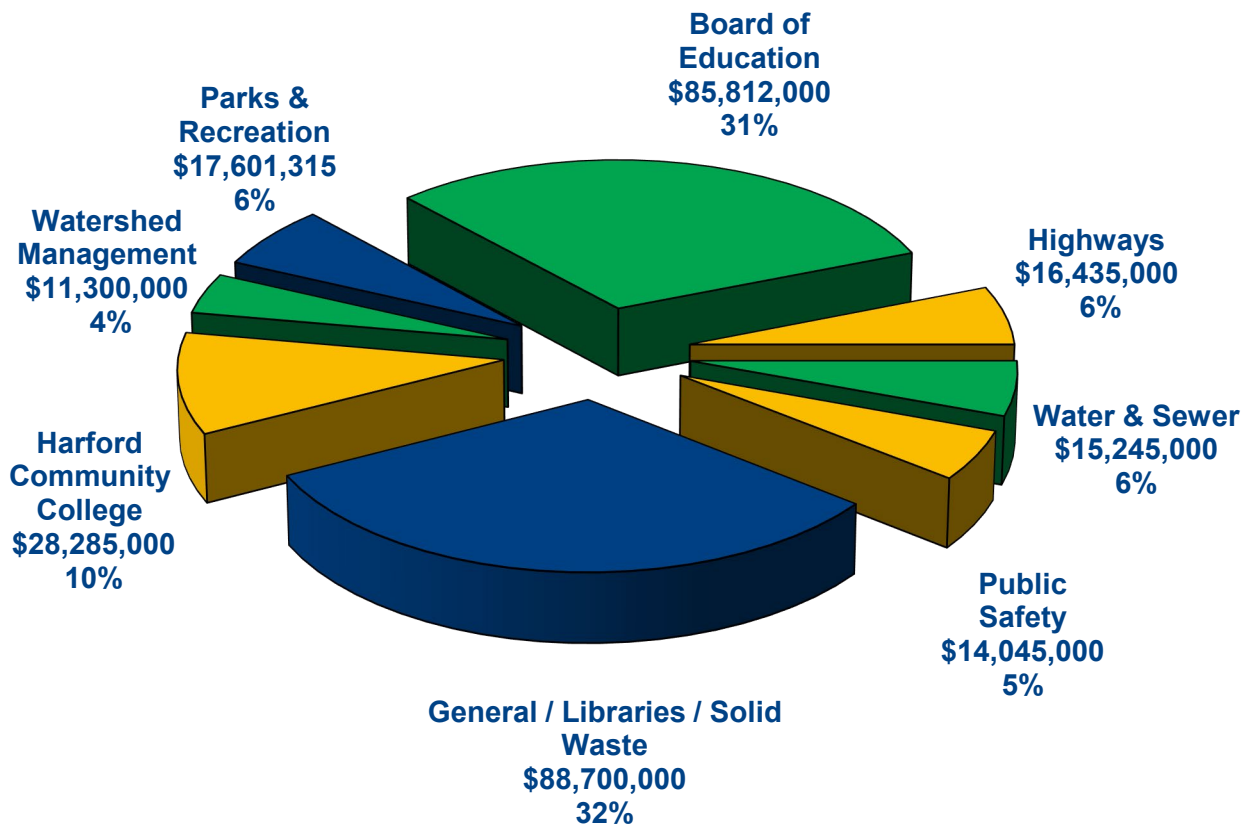
<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 23 Bond Funding</u>	<u>Annual Debt Service</u>
<u>WATER AND SEWER PROJECTS:</u>			
Sod Run Facility Improvements	\$7,173,542	\$6,500,000	\$341,839
Sod Run WWTP Ultraviolet Disinfection Project	\$4,000,000	\$2,500,000	\$80,000
Edgewood Interceptor Sewer Parallel	\$650,000	\$0	\$16,250
Bill Bass PS FM Replacement	\$700,020	\$0	\$17,501
Bio Solids Facilities Enhancements	\$19,300,000	\$0	\$482,500
Bush Creek Pumping Station	\$26,500,000	\$0	\$662,500
Fallston Area Sewer	\$3,800,000	\$0	\$95,000
Hickory Sewer Infrastructure Improvement Project	\$3,000,000	\$0	\$75,000
Lower Bynum Run Interceptor Phase 6&7	\$8,647,154	\$0	\$216,179
Magnolia Sewer Petition	\$85,000	\$0	\$2,125
Woodbridge Sewer Petition	\$385,000	\$0	\$9,625
Water & Sewer Facilities Repair Program	\$1,000,000	\$250,000	\$31,250
Fleet Maintenance Facility	\$1,420,000	\$0	\$35,500
TOTAL ESTIMATED ANNUAL DEBT SERVICE - WATER AND SEWER FUND:			\$2,793,808

FY 23 CAPITAL BUDGET SUMMARY

**APPROVED CAPITAL BUDGET
REVENUES
FISCAL YEAR 2022 - 2023
TOTAL BUDGET \$277,423,315**



**APPROVED CAPITAL BUDGET
APPROPRIATIONS
FISCAL YEAR 2022 - 2023
TOTAL BUDGET \$277,423,315**



FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
GENERAL PROJECTS											
African American Heritage Prog.	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0
Board of Education Debt Svc.	31,700,000	0	0	0	0	7,300,000	11,000,000	13,400,000	0	0	0
Broadband Infrastructure	25,000,000	0	0	0	0	0	0	0	9,000,000	16,000,000	0
County SWM Rehab/Rep (18)	(450,000)	(450,000)	0	0	0	0	0	0	0	0	0
County SWM Rehab/Rep (New)	550,000	450,000	100,000	0	0	0	0	0	0	0	0
Efficiency Capital Investments	300,000	0	200,000	0	0	0	0	0	0	0	100,000
Facilities Repair Program	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0
Fleet Replacement	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0
HMAN	(8,000,000)	0	0	0	1,000,000	0	0	0	(9,000,000)	0	0
HCSO Central Precinct & Training	20,500,000	0	0	0	20,500,000	0	0	0	0	0	0
Maint/Rep of County Dams	450,000	0	450,000	0	0	0	0	0	0	0	0
Maint/Rep of Stormwater Fac.	1,000,000	0	200,000	0	0	0	0	0	0	0	800,000
Refresh Program	250,000	0	250,000	0	0	0	0	0	0	0	0
Safeguarding Business Ops	250,000	0	250,000	0	0	0	0	0	0	0	0
Site Acquisition	500,000	0	0	0	500,000	0	0	0	0	0	0
SUB-TOTAL GENERAL	81,050,000	0	5,450,000	0	27,000,000	7,300,000	11,000,000	13,400,000	0	16,000,000	900,000
WATERSHED MANAGEMENT											
Bynum Run Watershed Rest.	1,300,000	0	0	0	800,000	0	0	0	500,000	0	0
County Owned W/S Restoration	3,700,000	0	0	0	3,200,000	0	0	0	500,000	0	0
Lilly Run Watershed Restoration	(63,555)	(63,555)	0	0	0	0	0	0	0	0	0
Riverside Area W/S Restoration	1,700,000	0	0	0	1,200,000	0	0	0	500,000	0	0
Septic System Disconnection*	250,000	0	250,000	0	0	0	0	0	0	0	0
Stormwater Pollution Prevent.*	300,000	0	300,000	0	0	0	0	0	0	0	0
Watershed Restoration Assess.	1,200,000	0	0	0	1,200,000	0	0	0	0	0	0
Watershed Restoration Improv	2,313,555	63,555	0	0	1,750,000	0	0	0	500,000	0	0
Watershed Restoration Maint.*	300,000	0	300,000	0	0	0	0	0	0	0	0
Wheel Creek W/S Restoration	300,000	0	0	0	300,000	0	0	0	0	0	0
*Special Dedicated Paygo											
SUB-TOTAL WATERSHED MGMNT	11,300,000	0	850,000	0	8,450,000	0	0	0	2,000,000	0	0
PUBLIC SAFETY											
Darlington VFC House #1	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0
HCDC Facility Repairs/Upgrades	2,040,000	0	0	0	2,040,000	0	0	0	0	0	0
HCSO Body Worn Camera	655,000	0	655,000	0	0	0	0	0	0	0	0
HCSO Cell Site Simulator	600,000	0	600,000	0	0	0	0	0	0	0	0
HCSO Fleet Replacement	0	0	3,000,000	0	0	2,662,318	0	0	0	(6,000,000)	337,682
HCSO In-Car Camera System	400,000	0	400,000	0	0	0	0	0	0	0	0
Mobile/Portable Radio Upgrade	1,100,000	0	0	0	1,100,000	0	0	0	0	0	0
Next-Gen 911	1,500,000	0	0	0	0	0	0	0	1,500,000	0	0
Riverside Fire and EMS Station	3,200,000	0	0	0	3,200,000	0	0	0	0	0	0
VFC Facility Repair	1,450,000	0	1,450,000	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
VFC Susquehanna Hose House 1	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	14,045,000	0	9,205,000	0	6,340,000	2,662,318	0	0	1,500,000	(6,000,000)	337,682
HARFORD COMMUNITY COLLEGE											
Chesapeake Welcome Center	28,285,000	0	0	0	14,230,000	0	0	0	14,055,000	0	0
SUB-TOTAL HCC	28,285,000	0	0	0	14,230,000	0	0	0	14,055,000	0	0
LIBRARIES											
Bel Air Library Renovation	2,200,000	0	0	0	800,000	0	0	0	1,400,000	0	0
Technology	450,000	0	450,000	0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	2,650,000	0	450,000	0	800,000	0	0	0	1,400,000	0	0

FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reapro	Transfer Tax	Record. Tax	State	Federal	Develop/Other
BOARD OF EDUCATION											
Athletic and Rec. Repairs Impro	100,000	0	0	100,000	0	0	0	0	0	0	0
Bakerfield Elementary School	1,260,000	0	0	0	625,000	0	0	0	635,000	0	0
Educational Facility Program	3,385,000	0	0	0	3,385,000	0	0	0	0	0	0
Fleet Replacement	3,455,000	0	3,455,000	0	0	0	0	0	0	0	0
HCPS Facilities Master Plan	200,000	0	200,000	0	0	0	0	0	0	0	0
HCPS Facilities Repair Program	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
HCPS Site Improvements	2,180,000	0	0	1,380,000	0	0	0	0	0	0	800,000
Harford Tech HS Limited Renov.	20,000,000	0	0	0	10,000,000	0	0	0	10,000,000	0	0
Homestead/Wakefield ES	37,937,000	0	0	0	22,175,000	0	0	0	15,762,000	0	0
Life, Health, Safety Compliance	3,645,000	0	0	0	3,465,000	0	0	0	180,000	0	0
Major HVAC	474,584	0	0	24,584	0	0	0	0	0	0	450,000
Meadowvale Elementary School	870,000	0	0	0	430,000	0	0	0	440,000	0	0
Relocatable Classrooms	900,000	0	900,000	0	0	0	0	0	0	0	0
Roof Repl. - Bakerfield ES	2,175,000	0	0	0	930,000	0	0	0	1,245,000	0	0
Roof Repl. - Bel Air MS	(1,502,525)	0	0	(1,502,525)	0	0	0	0	0	0	0
Roof Repl. - Hickory ES	(2,059)	0	0	(2,059)	0	0	0	0	0	0	0
Swan Creek HVAC Upgrades	3,135,000	0	0	0	1,665,000	0	0	0	1,470,000	0	0
Technology Infrastructure	3,600,000	0	3,600,000	0	0	0	0	0	0	0	0
SUB-TOTAL BOARD OF ED	85,812,000	0	8,155,000	0	42,675,000	0	0	0	29,732,000	0	5,250,000
SOLID WASTE SERVICES											
WTE Facility Closure	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE SVCS	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0
TOTAL GENERAL FUND	228,142,000	0	29,110,000	0	99,495,000	9,962,318	11,000,000	13,400,000	48,687,000	10,000,000	6,487,682
PARKS & RECREATION											
ADA Improvements	75,000	0	0	0	0	0	0	50,000	0	0	25,000
Athletic Field Improvements	3,000,000	0	0	0	2,500,000	0	0	0	0	0	500,000
Bleacher Renovations	100,000	0	0	0	0	0	0	100,000	0	0	0
Bush River Dredging & DMP Site	50,000	0	0	0	0	0	0	0	50,000	0	0
Canoe and Kayak Access	50,000	0	0	0	0	0	0	50,000	0	0	0
Churchville Center Renovations	300,000	0	0	0	0	0	0	300,000	0	0	0
Churchville Complex Development	60,000	0	0	0	0	0	0	60,000	0	0	0
Emmorton Rec/Tennis Ctr. Impr.	385,000	0	0	0	0	0	0	385,000	0	0	0
Equestrian Ctr. Improvements	75,000	0	0	0	0	0	0	75,000	0	0	0
Facility Repairs & Renovations	150,000	0	0	0	0	0	0	150,000	0	0	0
Jarrettsville Rec Complex/Ctr.	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0
Joppatowne Youth/Senior Center	500,000	0	0	0	500,000	0	0	0	0	0	0
Mariner Point Park - DMP Site	450,000	0	0	0	0	0	0	0	450,000	0	0
McFaul Activity Ctr. Renovations	(250,000)	0	0	0	0	0	0	(250,000)	0	0	0
Northern Regional Park	250,000	0	0	0	0	0	0	250,000	0	0	0
Oakington Peninsula System	150,000	0	0	0	0	0	0	150,000	0	0	0
Outdoor AED Construction	30,000	0	0	0	0	0	0	30,000	0	0	0
P & R Facility Dev./Renovation*	2,656,315	0	0	0	1,250,000	0	0	0	1,406,315	0	0
Park Improvements	50,000	0	0	0	0	0	0	50,000	0	0	0
Parking Lot Paving	250,000	0	0	0	0	0	0	250,000	0	0	0
Parkland Acquisition*	1,775,000	0	0	0	0	0	0	75,000	1,700,000	0	0
Playground Equipment	1,675,000	0	0	0	0	0	0	150,000	1,500,000	0	25,000
SWM Pond Repair & Rehab	120,000	0	0	0	0	0	0	120,000	0	0	0
Swan Harbor Farm Improvements	50,000	0	0	0	0	0	0	50,000	0	0	0
Tennis/Multipurp./Pickleball	400,000	0	0	0	0	0	0	200,000	200,000	0	0
Trails & Linear Parks	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0
12 Stones Park	250,000	0	0	0	0	0	0	250,000	0	0	0
<i>*Program Open Space State funding</i>											
TOTAL PARKS & RECREATION	17,601,315	0	0	0	9,250,000	0	0	2,495,000	5,306,315	0	550,000
HIGHWAYS - BRIDGES											
Abingdon Rd Bridge #169 over CSX	2,500,000	0	0	0	500,000	0	0	0	0	2,000,000	0
Ayres Chapel Rd Bridge #116	400,000	0	0	0	400,000	0	0	0	0	0	0
Bridge & Culvert Rehabilitation	1,200,000	0	0	0	1,200,000	0	0	0	0	0	0
Bridge & Road Scour Repair	250,000	0	250,000	0	0	0	0	0	0	0	0
Bridge Inspection Under 20' Spans	300,000	0	300,000	0	0	0	0	0	0	0	0
Boggs Road Bridge #66	100,000	0	0	0	100,000	0	0	0	0	0	0
Deep Run Road Bridge #152	50,000	0	0	0	50,000	0	0	0	0	0	0
Glen Cove Road Bridge #155	250,000	0	0	0	250,000	0	0	0	0	0	0
Glenville Road Bridge #30	350,000	0	0	0	70,000	0	0	0	0	280,000	0
Grier Nursery Road Bridge #43	400,000	0	0	0	80,000	0	0	0	0	320,000	0
Scarboro Road Bridge #140	25,000	0	0	0	25,000	0	0	0	0	0	0
Stafford Road Bridge #24	350,000	0	0	0	70,000	0	0	0	0	280,000	0
Stafford Road Bridge #162	400,000	0	0	0	80,000	0	0	0	0	320,000	0
Structural Evaluation	50,000	0	50,000	0	0	0	0	0	0	0	0
Trappe Church Rd Bridge #161	200,000	0	0	0	40,000	0	0	0	0	160,000	0
SUB-TOTAL BRIDGES	6,825,000	0	600,000	0	2,865,000	0	0	0	0	3,360,000	0

FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - ROADWAYS											
Curbs/Sidewalks/Handicap Ramps	400,000	0	0	0	400,000	0	0	0	0	0	0
Drainage Improvements	150,000	0	150,000	0	0	0	0	0	0	0	0
Guardrails	125,000	0	125,000	0	0	0	0	0	0	0	0
Intersection Improvements	400,000	0	0	0	400,000	0	0	0	0	0	0
Stormdrain Rehabilitation	200,000	0	0	0	200,000	0	0	0	0	0	0
Streetlights	50,000	0	50,000	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle/Road Saf.	150,000	0	150,000	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0
Trimble Rd (Joppa to Garnett)	50,000	0	0	0	50,000	0	0	0	0	0	0
Woodley Road	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	6,660,000	0	610,000	0	6,050,000	0	0	0	0	0	0
HIGHWAYS - RESURFACING											
Highways Infrastructure Improve.	(10,000,000)	0	0	0	0	0	0	0	0	(10,000,000)	0
Resurfacing Roadways	8,000,000	0	7,000,000	0	0	873,825	0	0	0	0	126,175
SUB-TOTAL RESURFACING	(2,000,000)	0	7,000,000	0	0	873,825	0	0	0	(10,000,000)	126,175
HIGHWAYS - OTHER											
APG Gate Pilot	0	0	141,000	0	0	0	0	0	0	0	(141,000)
Efficiency Capital Investments	25,000	0	25,000	0	0	0	0	0	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0
Highways Facility Repair Program	100,000	0	100,000	0	0	0	0	0	0	0	0
Norrisville Hwys Facility	2,700,000	0	0	0	2,700,000	0	0	0	0	0	0
Refresh Program	50,000	0	50,000	0	0	0	0	0	0	0	0
Safeguarding Business Ops	75,000	0	75,000	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	4,950,000	0	2,391,000	0	2,700,000	0	0	0	0	0	(141,000)
TOTAL HIGHWAYS FUND	16,435,000	0	10,601,000	0	11,615,000	873,825	0	0	0	(6,640,000)	(14,825)
WATER PROJECTS											
Abingdon Park Water	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0
Abingdon WTP Switch Gear/Gen	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0
Central W&S Laboratory	250,000	0	250,000	0	0	0	0	0	0	0	0
Infrastructure Mgmt System	150,000	0	150,000	0	0	0	0	0	0	0	0
Joppatowne Facility Improve.	250,000	0	250,000	0	0	0	0	0	0	0	0
Oak Grove Booster Station	2,000,000	2,000,000	0	0	0	0	0	0	0	0	0
Perryman GAC Plant Improve.	(750,000)	(750,000)	0	0	0	0	0	0	0	0	0
Ren. & Repl. Water Infrastructure	500,000	0	0	0	500,000	0	0	0	0	0	0
SCADA Info. Mgmt Systems	500,000	0	500,000	0	0	0	0	0	0	0	0
SHA Improvement Projects	280,000	0	280,000	0	0	0	0	0	0	0	0
W&S Infrastructure Projects	(2,208,660)	(2,208,660)	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER	2,971,340	41,340	1,430,000	0	1,500,000	0	0	0	0	0	0
SEWER PROJECTS											
Brentwood Park PS Improvement	787,045	0	300,000	272,045	215,000	0	0	0	0	0	0
Infiltration and Inflow	200,000	0	200,000	0	0	0	0	0	0	0	0
Oaklyn Manor/Joppa Sewer	(272,045)	0	0	(272,045)	0	0	0	0	0	0	0
Pumping Station Improvements	500,000	0	500,000	0	0	0	0	0	0	0	0
Ren. & Repl. Sewer Infrastructure	100,000	0	100,000	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	6,710,890	210,890	0	0	6,500,000	0	0	0	0	0	0
Sod Run WWTP UV Disinfection	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0
Town Ctr Drive PS Replacement	(210,890)	(210,890)	0	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER	10,315,000	0	1,100,000	0	9,215,000	0	0	0	0	0	0
W&S MISCELLANEOUS											
Efficiency Capital Investments	25,000	0	25,000	0	0	0	0	0	0	0	0
Fleet Replacement	1,600,000	0	1,600,000	0	0	0	0	0	0	0	0
Refresh Program	50,000	0	50,000	0	0	0	0	0	0	0	0
Safeguarding Business Operations	75,000	0	75,000	0	0	0	0	0	0	0	0
700 MHz Wireless Radio System	(41,340)	(41,340)	0	0	0	0	0	0	0	0	0
W&S Facilities Repair Program	250,000	0	0	0	250,000	0	0	0	0	0	0
SUB-TOTAL MISCELLANEOUS	1,958,660	(41,340)	1,750,000	0	250,000	0	0	0	0	0	0
TOTAL WATER & SEWER FUND	15,245,000	0	4,280,000	0	10,965,000	0	0	0	0	0	0
TOTAL APPROVED CAPITAL BUD.	277,423,315	0	43,991,000	0	131,325,000	10,836,143	11,000,000	15,895,000	53,993,315	3,360,000	7,022,857

FISCAL YEAR 2023 APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2023 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.

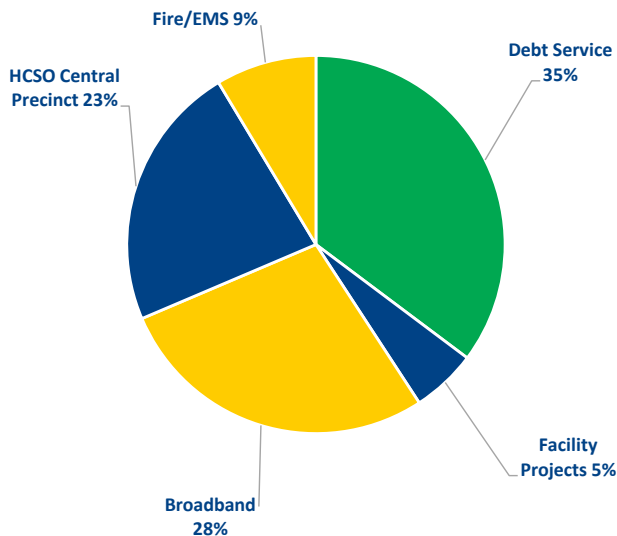
We monitor revenue trends and re-evaluate our projections throughout the year. This analysis, along with recommendations from our Spending Affordability Committee, provides the Administration with the knowledge of how much total funding is available to allocate to the upcoming budget, as well as the 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 2023 Capital Budget consists of 145 projects at a total cost of \$277,423,315. With the continued demands of a tough economy this budget supports our most pressing challenges including school modernization issues, public safety, sustaining a strong infrastructure, and the environment.

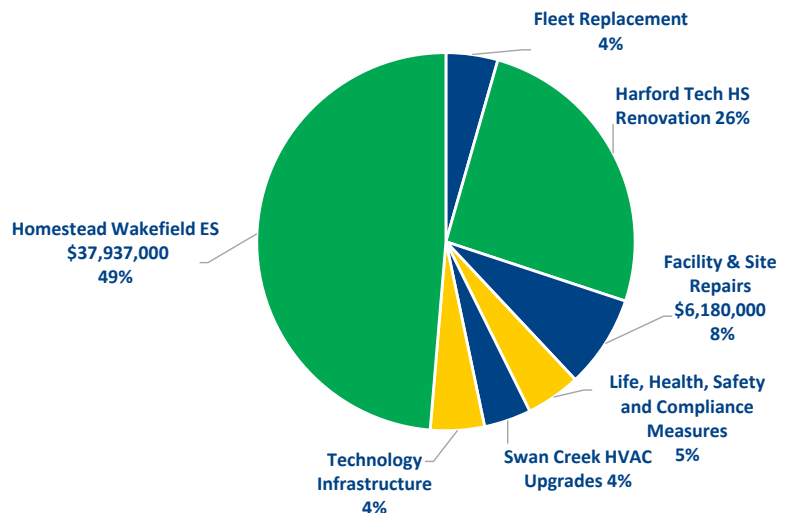
Harford County's financial operations are characterized by maintenance of sound reserves, a conservative approach to budget development, and timely revenue and spending adjustments. Fiscal policies governing multi-year planning, reserve retention and use of surplus funds for capital and other one-time spending aid in steady operating performance. In January 2022, 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



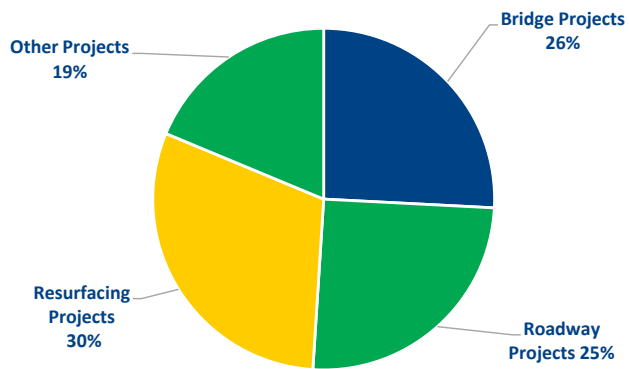
Board of Education Capital Highlights



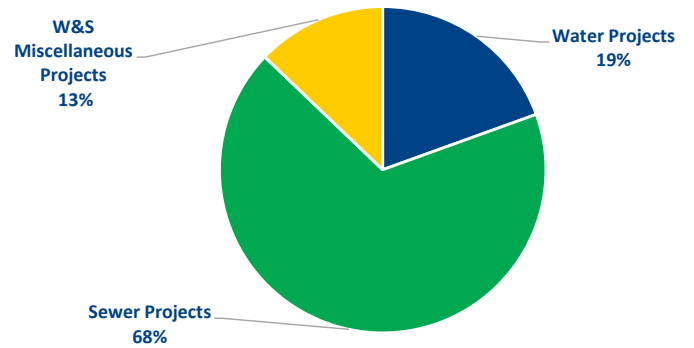
**FISCAL YEAR 2023
APPROVED CAPITAL BUDGET HIGHLIGHTS**

DEPARTMENT OF PUBLIC WORKS PROJECTS

Highways Capital Highlights



Water and Sewer Capital Highlights



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

	<u>GENERAL</u>	<u>HIGHWAYS</u>	<u>PARKS & REC.</u>	<u>TOTAL</u>
TOTAL FUND BALANCE AT JUNE 30, 2021	<u>3,929,507</u>	<u>0</u>	<u>2,676,739</u>	<u>6,606,246</u>
Estimated Revenues - Open Project	608,732,193	154,331,474	107,639,020	870,702,687
Estimated Expenditures - Open Project	<u>(607,555,253)</u>	<u>(154,325,170)</u>	<u>(107,173,658)</u>	<u>(869,054,081)</u>
	5,106,447	6,304	3,142,101	8,254,852
Fund Balance Available for Appropriation at June 30, 2022				
Less: Restricted Fund Balance				
Recordation and Transfer Tax	(4,373,746)	0	(1,976,739)	(6,350,485)
Bond Proceeds	(40,000)	0	0	(40,000)
Less: Assigned Fund Balance				0
Encumbrances	<u>(500,000)</u>	<u>0</u>	<u>0</u>	<u>(500,000)</u>
Fund Balance Available for Appropriation at June 30, 2022				
Undesignated Fund Balance	<u>192,701</u>	<u>6,304</u>	<u>1,165,362</u>	<u>1,364,367</u>
<hr/>				
Fund Balance Available for Appropriation at June 30, 2022				
Undesignated Fund Balance	192,701	6,304	1,165,362	1,364,367
Estimated Revenues Fiscal Year 2023				
Paygo	29,110,000	10,601,000	0	39,711,000
Recordation Tax	13,400,000	0	2,495,000	15,895,000
Transfer Tax	11,000,000	0	0	11,000,000
Future Bonds	99,495,000	11,615,000	9,250,000	120,360,000
Reappropriated	9,962,318	873,825	0	10,836,143
Federal Grant	10,000,000	(6,640,000)	0	3,360,000
State Bonds	43,787,000	0	0	43,787,000
State Grants	4,900,000	0	5,306,315	10,206,315
Developer/Other	6,487,682	(14,825)	550,000	7,022,857
Total Estimated Revenues Fiscal Year 2023	<u>228,142,000</u>	<u>16,435,000</u>	<u>17,601,315</u>	<u>262,178,315</u>
Estimated Expenditures Fiscal Year 2023	<u>(228,142,000)</u>	<u>(16,435,000)</u>	<u>(17,601,315)</u>	<u>(262,178,315)</u>
Fund Balance Available for Appropriation at June 30, 2023				
Undesignated Fund Balance	<u>192,701</u>	<u>6,304</u>	<u>1,165,362</u>	<u>1,364,367</u>

<p style="text-align: center;">HARFORD COUNTY, MARYLAND STATEMENT OF ESTIMATED UNRESTRICTED NET ASSETS WATER & SEWER CAPITAL FUND</p>
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	<u>WATER & SEWER</u>
Unrestricted Net Assets June 30, 2021	0
Estimated Revenues - Open Projects	141,851,025
Estimated Expenditures - Open Projects	<u>(141,851,025)</u>
Estimated Unrestricted Net Assets June 30, 2022	<u>0</u>
 Estimated Revenues Fiscal Year 2023	
Paygo	4,280,000
Future Bonds	<u>10,965,000</u>
 Total Estimated Revenues Fiscal Year 2023	15,245,000
 Estimated Expenditures Fiscal Year 2023	<u>(15,245,000)</u>
 Estimated Unrestricted Net Assets June 30, 2023	<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, 2021	4,340,791	2,676,739	11,402,500
Plus Fiscal Year 2022 Estimated Recordation Tax Revenues	16,869,225	4,217,305	4,217,305
Plus Fiscal Year 2022 Estimated Other Revenue	0	0	50,000
Less Fiscal Year 2022 Estimated Expenditures	<u>(11,800,000)</u>	<u>(3,245,000)</u>	<u>(1,669,805)</u>
 ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	9,410,016	3,649,044	14,000,000
Plus Fiscal Year 2023 Estimated Revenues:			
Plus Fiscal Year 2023 Estimated Recordation Tax Revenues	13,400,000	3,300,000	3,300,000
Plus Fiscal Year 2023 Estimated Other Revenue	0	0	50,000
Less Fiscal Year 2023 Estimated Expenditures	<u>(18,700,000)</u>	<u>(2,495,000)</u>	<u>(5,750,000)</u>
 ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2023	<u><u>4,110,016</u></u>	<u><u>4,454,044</u></u>	<u><u>11,600,000</u></u>

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

	AGRICULTURAL PRESERVATION	BOARD OF EDUCATION
TOTAL FUND BALANCE AT JUNE 30, 2021	52,977,156	3,732,955
Plus Fiscal Year 2022:		
Transfer Tax		
2022 Transfer Tax receipts	14,565,775	14,565,775
Other Revenues	479,000	0
Less Fiscal Year 2022 Estimated Expenditures	(25,479,000)	(8,000,000)
Less: Committed Fund Balance Designated for Other Purposes	<u>(25,842,931)</u>	<u>0</u>
UNDESIGNATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	16,700,000	10,298,730
Plus Fiscal Year 2023 Estimated Revenues:		
Transfer Tax		
2023 Transfer Tax receipts	11,000,000	11,000,000
Other Revenue	500,000	0
Less Fiscal Year 2023 Estimated Expenditures	<u>(27,000,000)</u>	<u>(15,300,000)</u>
ESTIMATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2023	<u>1,200,000</u>	<u>5,998,730</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, 2021	0
Plus Fiscal Year 2022 Estimated Impact Fee Revenues	3,500,000
Less Fiscal Year 2022 Estimated Expenditures	(3,500,000)
ESTIMATE IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	0
Plus Fiscal Year 2023 Estimated Revenues:	
Fiscal Year 2023 Impact Fee Revenues	3,500,000
Less Fiscal Year 2023 Estimated Expenditures	(3,500,000)
ESTIMATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2023	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 23.

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 23 Recordation Tax revenues are appropriated as follows:

Harford County's FY 23 Operating Budget **\$14,937,808**

From FY 23 Estimated Recordation Tax Receipts: **\$14,937,808**

Board of Education Debt Service **\$13,400,000**

Principal Payments	\$11,314,856
Interest Payments	2,085,144
	\$13,400,000

Watershed Management Debt Service **\$1,537,808**

Harford County's FY 23 Capital Budget **\$2,495,000**

Parks & Recreation Projects **\$2,495,000**

ADA Improvements	50,000
Bleacher Renovations	100,000
Canoe and Kayak Access	50,000
Churchville Center Renovations	300,000
Churchville Complex Development	60,000
Emmorton Rec/Tennis Ctr Impr	385,000
Equestrian Ctr Improvements	75,000
Facility Repair & Renovations	150,000
McFaul Activity Ctr Renovations	(250,000)
Northern Regional Park	250,000
Oakington Peninsula System	150,000
Outdoor AED Construction	30,000
Park Improvements	50,000
Parking Lot Paving	250,000
Parkland Acquisition	75,000
Playground Equipment	150,000
SWM Pond Repair & Rehab	120,000
Swan Harbor Farm Improvements	50,000
Tennis/Multipurp/Pickleball	200,000
12 Stones Park	250,000

Total Recordation Tax revenues appropriated for Fiscal Year 2022

\$17,432,808

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 23 Transfer Tax revenues are appropriated as follows:

Harford County's FY 23 Operating Budget

From FY 23 Estimated Transfer Tax Receipts: \$22,000,000

Agricultural Preservation Fund	\$11,000,000
Board of Education Debt Service	\$11,000,000

Principal Payments	\$7,274,853
Interest Payments	3,725,147
	\$11,000,000

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 five completed fiscal years and the projected amount for Fiscal Year 2023 are presented in the following table:

Fiscal Year	Public Schools
2017	2,707,200
2018	3,531,600
2019	3,438,000
2020	3,660,600
2021	4,000,200
2022*	3,500,000
2023*	3,500,000
*Estimate	

**HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION
DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS
FY 23 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS**

FY 23 RECORDATION TAX AVAILABLE	13,400,000
PRIOR YEAR RECORDATION TAX	4,300,000
FY 23 TRANSFER TAX AVAILABLE	11,000,000
PRIOR YEAR TRANSFER TAX	3,000,000
IMPACT FEES APPROPRIATED	3,500,000
GENERAL FUNDS APPROPRIATED	457,555
TOTAL FUNDS AVAILABLE FOR SCHOOL DEBT SERVICE	<u>35,657,555</u>

FUNDS APPROPRIATED FOR SCHOOL DEBT SERVICE:

PRINCIPAL

	FY 23 RECORDATION	PRIOR YEAR RECORDATION	FY 23 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 23 GENERAL FUNDS	TOTAL
Refunding Bonds of 2012	458,807						458,807
School Bonds of 2012	762,025						762,025
School Bonds of 2013	507,992						507,992
Refunding Bonds of 2013	4,134,240						4,134,240
School Bonds of 2014	193,058						193,058
School Bonds of 2015	590,892						590,892
Refunding Bonds of 2015	4,667,842						4,667,842
School Bonds of 2016		517,307					517,307
School Bonds of 2017		1,353,349					1,353,349
School Bonds of 2018		866,805	793,490				1,660,295
School Bonds of 2019			788,021				788,021
School Bonds of 2020			713,927				713,927
Refunding Bonds of 2020			4,979,415				4,979,415
School Bonds of 2021				1,482,400			1,482,400
School Bonds of 2022				118,826	1,919,365		2,038,191
TOTAL	11,314,856	2,737,461	7,274,853	1,601,226	1,919,365	0	24,847,761

INTEREST

	FY 23 RECORDATION	PRIOR YEAR RECORDATION	FY 23 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 23 GENERAL FUNDS	TOTAL
Refunding Bonds of 2012	19,254						19,254
School Bonds of 2012	236,522						236,522
School Bonds of 2013	180,757						180,757
Refunding Bonds of 2013	580,708						580,708
School Bonds of 2014	84,854						84,854
School Bonds of 2015	254,083						254,083
Refunding Bonds of 2015	728,966	650,256					1,379,222
School Bonds of 2016		222,442					222,442
School Bonds of 2017		689,841					689,841
School Bonds of 2018			992,856				992,856
School Bonds of 2019			549,644				549,644
School Bonds of 2020			448,882				448,882
Refunding Bonds of 2020			1,733,765	548,215			2,281,980
School Bonds of 2021				850,559			850,559
School Bonds of 2022					1,580,635	457,555	2,038,190
TOTAL	2,085,144	1,562,539	3,725,147	1,398,774	1,580,635	457,555	10,809,794

**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	43,469,210	57.16%	24,847,761
Interest			
662110 Interest	17,507,642	61.74%	10,809,794
Cost of Issuance			
664110 Service Costs	640,000	0.00%	0
Total General Fund Debt Service:	61,616,852	57.87%	35,657,555

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	11,314,856	2,737,461	7,274,853	1,601,226	1,919,365	0
Interest						
662110 Interest	2,085,144	1,562,539	3,725,147	1,398,774	1,580,635	457,555
Cost of Issuance						
664110 Service Costs	0	0	0	0	0	0
Total General Fund Debt Service:	13,400,000	4,300,000	11,000,000	3,000,000	3,500,000	457,555

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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GENERAL CAPITAL

FY 23 Funded Projects

African American Heritage Prog.	1,000,000	0	1,000,000	0	0	0	0	0
Bd of Education Debt Service 23	136,700,000	0	31,700,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000
Broadband Infrastructure	25,000,000	0	25,000,000	0	0	0	0	0
County Owned SWM Rehab/Rep	1,300,000	0	550,000	150,000	150,000	150,000	150,000	150,000
County SWM Rehab/Rep 18	50,000	500,000	(450,000)	0	0	0	0	0
Efficiency Capital Investment	1,485,400	1,185,400	300,000	0	0	0	0	0
Facilities Repair Program	15,000,000	0	5,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Fleet Replacement	30,540,000	17,540,000	3,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
HMAN	28,280,000	36,280,000	(8,000,000)	0	0	0	0	0
HCSO Central Precinct/Training	22,500,000	2,000,000	20,500,000	0	0	0	0	0
Maint./Repair of County Dams	950,000	0	450,000	100,000	100,000	100,000	100,000	100,000
Maint./Repair of Stormwater Fac.	2,750,000	0	1,000,000	350,000	350,000	350,000	350,000	350,000
Refresh Program	5,603,478	4,103,478	250,000	250,000	250,000	250,000	250,000	250,000
Safeguarding Business Operations	22,125,400	19,375,400	250,000	500,000	500,000	500,000	500,000	500,000
Site Acquisition	29,107,761	26,107,761	500,000	500,000	500,000	500,000	500,000	500,000

GENERAL CAPITAL

Open Projects	0	0	0	0	0	0	0	0
Abingdon Library Window/HVAC	1,259,000	1,259,000	0	0	0	0	0	0
Bd of Education Debt Service 22	19,880,000	19,880,000	0	0	0	0	0	0
Courthouse Building Repairs	10,034,900	10,034,900	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 County Ag Center	2,800,000	2,800,000	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0
Lease Asset	11,500,000	11,500,000	0	0	0	0	0	0
Maintenance/Repair of Dams	2,505,000	2,505,000	0	0	0	0	0	0
Maint./Repair of Stormwater Fac.	872,850	872,850	0	0	0	0	0	0
Under/Aboveground Tank Mgmnt	1,344,000	1,344,000	0	0	0	0	0	0

GENERAL CAPITAL BY PROJECT	435,282,002	219,982,002	81,050,000	26,850,000	26,850,000	26,850,000	26,850,000	26,850,000
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Paygo	69,448,491	48,498,491	5,450,000	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	7,300,000	0	7,300,000	0	0	0	0	0
Future Bonds	39,500,000	0	27,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Prior Bonds	106,860,069	106,860,069	0	0	0	0	0	0
Transfer Tax	66,500,000	8,000,000	11,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000
Recordation Tax	82,840,000	11,940,000	13,400,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000
State	13,995,400	13,995,400	0	0	0	0	0	0
Federal	29,075,692	13,075,692	16,000,000	0	0	0	0	0
Developer/Other	6,702,350	4,552,350	900,000	250,000	250,000	250,000	250,000	250,000
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	435,282,002	219,982,002	81,050,000	26,850,000	26,850,000	26,850,000	26,850,000	26,850,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
GENERAL PROJECTS											
African American Heritage Prog.	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0
Board of Education Debt Svc.	31,700,000	0	0	0	0	7,300,000	11,000,000	13,400,000	0	0	0
Broadband Infrastructure	25,000,000	0	0	0	0	0	0	0	9,000,000	16,000,000	0
County SWM Rehab/Rep (18)	(450,000)	(450,000)	0	0	0	0	0	0	0	0	0
County SWM Rehab/Rep (New)	550,000	450,000	100,000	0	0	0	0	0	0	0	0
Efficiency Capital Investments	300,000	0	200,000	0	0	0	0	0	0	0	100,000
Facilities Repair Program	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0
Fleet Replacement	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0
HMAN	(8,000,000)	0	0	0	1,000,000	0	0	0	(9,000,000)	0	0
HCSO Central Precinct & Training	20,500,000	0	0	0	20,500,000	0	0	0	0	0	0
Maint/Rep of County Dams	450,000	0	450,000	0	0	0	0	0	0	0	0
Maint/Rep of Stormwater Fac.	1,000,000	0	200,000	0	0	0	0	0	0	0	800,000
Refresh Program	250,000	0	250,000	0	0	0	0	0	0	0	0
Safeguarding Business Ops	250,000	0	250,000	0	0	0	0	0	0	0	0
Site Acquisition	500,000	0	0	0	500,000	0	0	0	0	0	0
SUB-TOTAL GENERAL	81,050,000	0	5,450,000	0	27,000,000	7,300,000	11,000,000	13,400,000	0	16,000,000	900,000



African American Heritage Program

GENERAL

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

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

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	1,000,000	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:	0	1,000,000	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: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$0

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

Project Schedule/Status:

This project will be ongoing to pay debt service.

Expended/Enc. Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		31,700,000	31,700,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	136,700,000
Total Cost:	0	31,700,000	31,700,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	136,700,000

FUNDING SCHEDULE

R1515 Recordation Tax		13,400,000	13,400,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	70,900,000
R1525 Transfer Tax		11,000,000	11,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000	58,500,000
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:	0	31,700,000	31,700,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	136,700,000



Broadband Infrastructure

GENERAL

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

Expended/Encumbered as of 2/9/22:
 \$0

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

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 and 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.

For FY 23 Federal authority has been reallocated from the Highways Infrastructure Capital Project @ \$10,000,000; the HCSO Fleet Replacement Project a@ \$6,000,000 and State appropriation authority from the HMAN Capital project in the amount of \$6,000,000.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction		25,000,000	25,000,000						25,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	25,000,000	25,000,000	0	0	0	0	0	25,000,000

FUNDING SCHEDULE

R3161 ARPA		10,000,000	10,000,000						10,000,000
R3399 State Other		9,000,000	9,000,000						9,000,000
R3199 Federal Other		6,000,000	6,000,000						6,000,000
			0						0
			0						0
			0						0
Total Cost:	0	25,000,000	25,000,000	0	0	0	0	0	25,000,000



County Owned Stormwater Management Rehabilitation & Repair (New)

GENERAL

Project Number: A234104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Land Acquisition			0						0
Construction		450,000	450,000	90,000	90,000	90,000	90,000	90,000	900,000
Inspection Fees		50,000	50,000	10,000	10,000	10,000	10,000	10,000	100,000
Equipment/Furnishing			0						0
Total Cost:	0	550,000	550,000	150,000	150,000	150,000	150,000	150,000	1,300,000

FUNDING SCHEDULE

R8750 Paygo		100,000	100,000	150,000	150,000	150,000	150,000	150,000	850,000
R8751 Prior Paygo		450,000	450,000						450,000
			0						0
			0						0
			0						0
Total Cost:	0	550,000	550,000	150,000	150,000	150,000	150,000	150,000	1,300,000



County Owned Stormwater Management Rehabilitation & Repair (18)

GENERAL

Project Number: M184104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$50,000



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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	480,000	(450,000)	30,000						30,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost:	500,000	(450,000)	50,000	0	0	0	0	0	50,000

FUNDING SCHEDULE

R8750 Dedicated Paygo	500,000		500,000						500,000
R8751 Prior Paygo		(450,000)	(450,000)						(450,000)
			0						0
			0						0
			0						0
Total Cost:	500,000	(450,000)	50,000	0	0	0	0	0	50,000



Efficiency Capital Investment Projects

GENERAL

Project Number: A134104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$560,445



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	291,500		291,500						291,500
Land Acquisition			0						0
Construction	350,400		350,400						350,400
Inspection Fees	23,500		23,500						23,500
Equipment/Furnishing	520,000	300,000	820,000						820,000
Total Cost:	1,185,400	300,000	1,485,400	0	0	0	0	0	1,485,400

FUNDING SCHEDULE

R8750 Paygo	300,000	200,000	500,000						500,000
R6999 Other	30,000	100,000	130,000						130,000
R3399 State Other	855,400		855,400						855,400
			0						0
			0						0
Total Cost:	1,185,400	300,000	1,485,400	0	0	0	0	0	1,485,400



Facilities Repair Program

GENERAL

Project Number: A234105
Council District: Multiple
Location: Various
Est. Debt Service: \$125,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Northern Precinct, HCSO DC HVAC inmate housing, Circuit Court fire alarm, Circuit Court ceremonial courtroom electrical upgrade, Hdg Activity Ctr roof replacement, Whiteford Library parking lot replacement.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		410,000	410,000	200,000	200,000	200,000	200,000	200,000	1,410,000
Land Acquisition			0						0
Construction		4,590,000	4,590,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	13,590,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	5,000,000	5,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	15,000,000

FUNDING SCHEDULE

R7000 Future Bonds		5,000,000	5,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	15,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	5,000,000	5,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	15,000,000



Fleet Replacement

GENERAL

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

Expended/Encumbered as of 2/9/22:
 \$16,410,595



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings: X
 None:

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.

*** FY 23 to purchase 2 ambos per the DOA

1m is for ambos (changed on 3/18/22 per the CE and DOA)

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	17,540,000	3,000,000	20,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	30,540,000
Total Cost:	17,540,000	3,000,000	20,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	30,540,000

FUNDING SCHEDULE

R8750 Paygo	17,540,000	3,000,000	20,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	30,540,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	17,540,000	3,000,000	20,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	30,540,000



Harford County Metro Area Network (HMAN)

GENERAL

Project Number: A124131
Council District: Multiple
Location: Various
Est. Debt Service: \$405,000 (annual)

Expended/Encumbered as of 2/9/22:
 \$25,593,085



■ 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.

Prior Federal funds in the amount of \$10,000,000 were ARPA funds and have been reallocated to the Broadband Infrastructure capital project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	16,280,000		16,280,000						16,280,000
Land Acquisition			0						0
Construction	20,000,000	(8,000,000)	12,000,000						12,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	36,280,000	(8,000,000)	28,280,000	0	0	0	0	0	28,280,000

FUNDING SCHEDULE

R7100 Prior Bonds	16,200,000		16,200,000						16,200,000
R6999 Other	80,000		80,000						80,000
R3161 ARPA	10,000,000		10,000,000						10,000,000
R3399 State Other	10,000,000	(9,000,000)	1,000,000						1,000,000
R7000 Future Bonds		1,000,000	1,000,000						1,000,000
Total Cost:	36,280,000	(8,000,000)	28,280,000	0	0	0	0	0	28,280,000



HCSO Central Precinct & Training Academy

GENERAL

Project Number: A204103
Council District: D
Location: Aberdeen
Est. Debt Service: \$25,000 (annual)

Expended/Encumbered as of 2/9/22:

\$234,145



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 includes the construction of county-wide fuel station similar to the Hickory fuel station as well and Training Academy.

This project was formerly titled 1201 Technology Drive.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		1,000,000	1,000,000						1,000,000
Land Acquisition			0						0
Construction	2,000,000	19,500,000	21,500,000						21,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,000,000	20,500,000	22,500,000	0	0	0	0	0	22,500,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,000,000		1,000,000						1,000,000
R7920 State Bonds	1,000,000		1,000,000						1,000,000
R7000 Future Bonds		20,500,000	20,500,000						20,500,000
			0						0
			0						0
Total Cost:	2,000,000	20,500,000	22,500,000	0	0	0	0	0	22,500,000



Maintenance/Repair of County Maintained Dams

GENERAL

Project Number: A234106
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		100,000	100,000	50,000	50,000	50,000	50,000	50,000	350,000
Land Acquisition			0						0
Construction		350,000	350,000	50,000	50,000	50,000	50,000	50,000	600,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	450,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000

FUNDING SCHEDULE

R8750 Paygo		450,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	450,000	450,000	100,000	100,000	100,000	100,000	100,000	950,000



Maintenance/Repair of Stormwater Facilities

GENERAL

Project Number: A234107
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		200,000	200,000	100,000	100,000	100,000	100,000	100,000	700,000
Land Acquisition			0						0
Construction		500,000	500,000	200,000	200,000	200,000	200,000	200,000	1,500,000
Inspection Fees		300,000	300,000	50,000	50,000	50,000	50,000	50,000	550,000
Equipment/Furnishing			0						0
Total Cost:	0	1,000,000	1,000,000	350,000	350,000	350,000	350,000	350,000	2,750,000

FUNDING SCHEDULE

R6330 Developer		300,000	300,000	50,000	50,000	50,000	50,000	50,000	550,000
R1602 Special Assess.		500,000	500,000	200,000	200,000	200,000	200,000	200,000	1,500,000
R8750 Paygo		200,000	200,000	100,000	100,000	100,000	100,000	100,000	700,000
			0						0
			0						0
Total Cost:	0	1,000,000	1,000,000	350,000	350,000	350,000	350,000	350,000	2,750,000



Refresh Program

Project Number: A124103
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$3,424,409



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	4,103,478	250,000	4,353,478	250,000	250,000	250,000	250,000	250,000	5,603,478
Total Cost:	4,103,478	250,000	4,353,478	250,000	250,000	250,000	250,000	250,000	5,603,478

FUNDING SCHEDULE

R8750 Paygo	4,103,478	250,000	4,353,478	250,000	250,000	250,000	250,000	250,000	5,603,478
			0						0
			0						0
			0						0
			0						0
Total Cost:	4,103,478	250,000	4,353,478	250,000	250,000	250,000	250,000	250,000	5,603,478



Safeguarding Business Operations

GENERAL

Project Number: A114104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$14,667,276



■ Expended/Enc. ■ Budget

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 23 appropriation includes funds for VOIP phone systems for Harford County Public Schools.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	19,375,400	250,000	19,625,400	500,000	500,000	500,000	500,000	500,000	22,125,400
Total Cost:	19,375,400	250,000	19,625,400	500,000	500,000	500,000	500,000	500,000	22,125,400

FUNDING SCHEDULE

R8750 Paygo	17,465,400	250,000	17,715,400	500,000	500,000	500,000	500,000	500,000	20,215,400
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:	19,375,400	250,000	19,625,400	500,000	500,000	500,000	500,000	500,000	22,125,400



Site Acquisition

GENERAL

Project Number: A064109
Council District: Multiple
Location: Various
Est. Debt Service: \$637,694 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$19,912,965



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition	26,107,761	500,000	26,607,761	500,000	500,000	500,000	500,000	500,000	29,107,761
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	26,107,761	500,000	26,607,761	500,000	500,000	500,000	500,000	500,000	29,107,761

FUNDING SCHEDULE

R3199 Federal Other	525,000		525,000						525,000
R3399 State Other	225,000		225,000						225,000
R7100 Prior Bonds	25,007,761		25,007,761						25,007,761
R7000 Future Bonds		500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
R6999 Other	350,000		350,000						350,000
Total Cost:	26,107,761	500,000	26,607,761	500,000	500,000	500,000	500,000	500,000	29,107,761

OPEN / ACTIVE PROJECTS



Abingdon Library Window and HVAC Replacement

GENERAL

Project Number: A194101
Council District: B
Location: Abingdon
Est. Debt Service: \$14,725 (annual)

Expended/Encumbered as of 2/9/22:

\$1,057,000



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Board of Education Debt Service 22

GENERAL

Project Number: A224101
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/21
 \$16,960,154



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This is an annual project that will close at the end of the fiscal year.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	19,880,000		19,880,000						19,880,000
Total Cost:	19,880,000	0	19,880,000	0	0	0	0	0	19,880,000

FUNDING SCHEDULE

R1515 Recordation Tax	11,880,000		11,880,000						11,880,000
R1525 Transfer Tax	8,000,000		8,000,000						8,000,000
			0						0
			0						0
			0						0
Total Cost:	19,880,000	0	19,880,000	0	0	0	0	0	19,880,000



Courthouse Building Repairs

GENERAL

Project Number: A094102
Council District: C
Location: Bel Air
Est. Debt Service: \$245,000 (annual)

Expended/Encumbered as of 2/9/22:

\$9,327,729



■ Expended/Enc. ■ Budget

Operating Budget Impact

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

Project Schedule/Status:

FY 23: Repointing of Courthouse. Power supply & distribution upgrade. Fire Alarm system under design.

PROJECT DESCRIPTION:

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	1,035,000		1,035,000						1,035,000
Land Acquisition			0						0
Construction	8,699,900		8,699,900						8,699,900
Inspection Fees	300,000		300,000						300,000
Equipment/Furnishing			0						0
Total Cost:	10,034,900	0	10,034,900	0	0	0	0	0	10,034,900

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
			0						0
			0						0
Total Cost:	10,034,900	0	10,034,900	0	0	0	0	0	10,034,900



Facilities Repair Program

GENERAL

Project Number: A034102
Council District: Multiple
Location: Various
Est. Debt Service: \$582,966 (annual)

Expended/Encumbered as of 2/9/22:
 \$33,419,609



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$403,150 (annual)

Expended/Encumbered as of 2/9/22:
 \$16,125,549



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$56,250 (annual)

Expended/Encumbered as of 2/9/22:

\$2,318,920



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Humane Society

GENERAL

Project Number: A114102
Council District: B
Location: Benson, MD
Est. Debt Service: \$150,000 (annual)

Expended/Encumbered as of 2/9/22:

\$6,155,403



■ 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 2022.

PROJECT DESCRIPTION:

The Humane Society provides a significantly better experience for County residents looking to adopt or surrender a pet, and will allow for the Humane Society to care for and provide humane temporary housing prior to adoption. The Humane Society continues to avail participation in the Animal Control Program and to better promote awareness of animal care in the community.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 Asset

GENERAL

Project Number: A214102
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$273,201



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	11,500,000		11,500,000						11,500,000
			0						0
			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 Dams

GENERAL

Project Number: A144128
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$665,115



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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,505,000		2,505,000						2,505,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,505,000	0	2,505,000	0	0	0	0	0	2,505,000

FUNDING SCHEDULE

R8750 Paygo	95,000		95,000						95,000
R1515 Recordation Tax	60,000		60,000						60,000
R8750 Dedicated Paygo	300,000		300,000						300,000
R6999 Other	1,300,000		1,300,000						1,300,000
R1602 Special Assessment	750,000		750,000						750,000
Total Cost:	2,505,000	0	2,505,000	0	0	0	0	0	2,505,000



Maintenance/Repair of Stormwater Facilities

GENERAL

Project Number: M224103
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Underground and Aboveground Storage Tank Management

Project Number: A144104
Council District: Multiple
Location: Various
Est. Debt Service: \$18,475 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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WATERSHED MANAGEMENT

FY 23 Projects

Bynum Run Watershed Rest.	6,300,000	0	1,300,000	800,000	1,300,000	800,000	1,300,000	800,000
County Owned Watershed Rest	25,200,000	0	3,700,000	4,100,000	4,200,000	4,300,000	4,400,000	4,500,000
Lilly Run Watershed Restoration	661,445	725,000	(63,555)	0	0	0	0	0
Riverside Area W/S Restoration	4,700,000	0	1,700,000	400,000	900,000	400,000	900,000	400,000
Septic System Disconnection	1,500,000	0	250,000	250,000	250,000	250,000	250,000	250,000
Stormwater Pollution Prevention	1,800,000	0	300,000	300,000	300,000	300,000	300,000	300,000
W/S Restoration Assessment	6,200,000	0	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
W/S Restoration Improvements	11,313,555	0	2,313,555	1,600,000	2,100,000	1,600,000	2,100,000	1,600,000
W/S Restoration Maintenance	2,550,000	0	300,000	350,000	400,000	450,000	500,000	550,000
Wheel Creek W/S Restoration	7,789,607	7,489,607	300,000	0	0	0	0	0

Outyear Projects

Joppatowne Area W/S Rest.	3,500,000	0	0	900,000	400,000	900,000	400,000	900,000
Plumtree Run W/S Restoration	3,500,000	0	0	900,000	400,000	900,000	400,000	900,000
Sams Branch W/S Restoration	3,500,000	0	0	900,000	400,000	900,000	400,000	900,000

Open Projects

Bynum Run & St. Andrews Way	2,297,026	2,297,026	0	0	0	0	0	0
County Owned W/S Rest. Improv.	19,175,000	19,175,000	0	0	0	0	0	0
Joppatowne Area W/S Rest.	5,950,000	5,950,000	0	0	0	0	0	0
Middle Bynum Run W/S Rest.	1,650,000	1,650,000	0	0	0	0	0	0
Plumtree Run W/S Restoration	8,643,452	8,643,452	0	0	0	0	0	0
Riverside Area W/S Restoration	4,560,886	4,560,886	0	0	0	0	0	0
Sams Branch W/S Restoration	4,172,922	4,172,922	0	0	0	0	0	0
Septic System Disconnection	650,000	650,000	0	0	0	0	0	0
Stormwater Pollution Prevention	1,581,395	1,581,395	0	0	0	0	0	0
Sunnyview Stream Restoration	5,192,220	5,192,220	0	0	0	0	0	0
Upper Bynum Run W/S Restorat.	4,000,000	4,000,000	0	0	0	0	0	0
W/S Restoration Assessment	9,800,000	9,800,000	0	0	0	0	0	0
W/S Restoration Improvements	6,900,000	6,900,000	0	0	0	0	0	0
W/S Restoration Maintenance	860,000	860,000	0	0	0	0	0	0

WATERSHED MGMNT BY PROJECT	153,947,508	83,647,508	11,300,000	11,500,000	11,650,000	11,800,000	11,950,000	12,100,000
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WATERSHED MANAGEMENT

Paygo	12,927,508	7,077,508	850,000	900,000	950,000	1,000,000	1,050,000	1,100,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	52,450,000	0	8,450,000	8,600,000	8,700,000	8,800,000	8,900,000	9,000,000
Prior Bonds	43,050,000	43,050,000	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	41,057,016	29,057,016	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Federal	3,697,984	3,697,984	0	0	0	0	0	0
Developer/Other	625,000	625,000	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	153,947,508	83,647,508	11,300,000	11,500,000	11,650,000	11,800,000	11,950,000	12,100,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
WATERSHED MANAGEMENT											
Bynum Run Watershed Rest.	1,300,000	0	0	0	800,000	0	0	0	500,000	0	0
County Owned W/S Restoration	3,700,000	0	0	0	3,200,000	0	0	0	500,000	0	0
Lilly Run Watershed Restoration	(63,555)	(63,555)	0	0	0	0	0	0	0	0	0
Riverside Area W/S Restoration	1,700,000	0	0	0	1,200,000	0	0	0	500,000	0	0
Septic System Disconnection*	250,000	0	250,000	0	0	0	0	0	0	0	0
Stormwater Pollution Prevent.*	300,000	0	300,000	0	0	0	0	0	0	0	0
Watershed Restoration Assess.	1,200,000	0	0	0	1,200,000	0	0	0	0	0	0
Watershed Restoration Improv	2,313,555	63,555	0	0	1,750,000	0	0	0	500,000	0	0
Watershed Restoration Maint.*	300,000	0	300,000	0	0	0	0	0	0	0	0
Wheel Creek W/S Restoration	300,000	0	0	0	300,000	0	0	0	0	0	0
<i>*Special Dedicated Paygo</i>											
SUB-TOTAL WATERSHED MGMNT	11,300,000	0	850,000	0	8,450,000	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: \$20,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		230,000	230,000	140,000	230,000	140,000	230,000	140,000	1,110,000
Land Acquisition			0						0
Construction		980,000	980,000	600,000	980,000	600,000	980,000	600,000	4,740,000
Inspection Fees		90,000	90,000	60,000	90,000	60,000	90,000	60,000	450,000
Equipment/Furnishing			0						0
Total Cost:	0	1,300,000	1,300,000	800,000	1,300,000	800,000	1,300,000	800,000	6,300,000

FUNDING SCHEDULE

R7000 Future Bonds		800,000	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
R3320 State DNR/SWM		500,000	500,000		500,000		500,000		1,500,000
			0						0
			0						0
			0						0
Total Cost:	0	1,300,000	1,300,000	800,000	1,300,000	800,000	1,300,000	800,000	6,300,000



County Owned Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M234109
Council District: Multiple
Location: Various
Est. Debt Service: \$80,000 (annual)

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

Expended/Encumbered as of 3/22/21:

\$0



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 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		650,000	650,000	700,000	735,000	750,000	770,000	785,000	4,390,000
Land Acquisition			0						0
Construction		2,800,000	2,800,000	3,100,000	3,150,000	3,230,000	3,300,000	3,380,000	18,960,000
Inspection Fees		250,000	250,000	300,000	315,000	320,000	330,000	335,000	1,850,000
Equipment/Furnishing			0						0
Total Cost:	0	3,700,000	3,700,000	4,100,000	4,200,000	4,300,000	4,400,000	4,500,000	25,200,000

FUNDING SCHEDULE

R7000 Future Bonds		3,200,000	3,200,000	3,600,000	3,700,000	3,800,000	3,900,000	4,000,000	22,200,000
R3320 State DNR/SWM		500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
			0						0
			0						0
			0						0
Total Cost:	0	3,700,000	3,700,000	4,100,000	4,200,000	4,300,000	4,400,000	4,500,000	25,200,000



Lilly Run Watershed Restoration

WATERSHED MANAGEMENT

Project Number: A134109
Council District: F
Location: Havre de Grace
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$86,445



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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	725,000	(63,555)	661,445						661,445
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	725,000	(63,555)	661,445	0	0	0	0	0	661,445

FUNDING SCHEDULE

R8750 Paygo	150,000		150,000						150,000
R3399 State Other	75,000		75,000						75,000
R6999 Other	500,000		500,000						500,000
R8751 Prior Paygo		(63,555)	(63,555)						(63,555)
			0						0
Total Cost:	725,000	(63,555)	661,445	0	0	0	0	0	661,445



Riverside Area Watershed Restoration

WATERSHED MANAGEMENT

Project Number: M234110
Council District: F
Location: Riverside
Est. Debt Service: \$30,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		620,000	620,000	70,000	150,000	70,000	150,000	70,000	1,130,000
Land Acquisition			0						0
Construction		1,000,000	1,000,000	300,000	682,000	300,000	682,000	300,000	3,264,000
Inspection Fees		80,000	80,000	30,000	68,000	30,000	68,000	30,000	306,000
Equipment/Furnishing			0						0
Total Cost:	0	1,700,000	1,700,000	400,000	900,000	400,000	900,000	400,000	4,700,000

FUNDING SCHEDULE

R7000 Future Bonds		1,200,000	1,200,000	400,000	400,000	400,000	400,000	400,000	3,200,000
R3320 State DNR/SWM		500,000	500,000		500,000		500,000		1,500,000
			0						0
			0						0
			0						0
Total Cost:	0	1,700,000	1,700,000	400,000	900,000	400,000	900,000	400,000	4,700,000



Septic System Disconnection

WATERSHED MANAGEMENT

Project Number: M234111
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000

FUNDING SCHEDULE

R8750 Dedicated Paygo		250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000



Stormwater Pollution Prevention

WATERSHED MANAGEMENT

Project Number: M234112
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		225,000	225,000	225,000	225,000	225,000	225,000	225,000	1,350,000
Land Acquisition			0						0
Construction		75,000	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000

FUNDING SCHEDULE

R8750 Dedicated Paygo		300,000	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000



Watershed Restoration Assessment

WATERSHED MANAGEMENT

Project Number: M234113
Council District: Multiple
Location: Various
Est. Debt Service: \$30,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		1,200,000	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:	0	1,200,000	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,200,000

FUNDING SCHEDULE

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



Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M234114
Council District: Multiple
Location: Various
Est. Debt Service: \$43,750 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		463,555	463,555	280,000	350,000	280,000	350,000	280,000	2,003,555
Land Acquisition			0						0
Construction		1,700,000	1,700,000	1,200,000	1,600,000	1,200,000	1,600,000	1,200,000	8,500,000
Inspection Fees		150,000	150,000	120,000	150,000	120,000	150,000	120,000	810,000
Equipment/Furnishing			0						0
Total Cost:	0	2,313,555	2,313,555	1,600,000	2,100,000	1,600,000	2,100,000	1,600,000	11,313,555

FUNDING SCHEDULE

R7000 Future Bonds		1,750,000	1,750,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	9,750,000
R3320 State DNR/SWM		500,000	500,000		500,000		500,000		1,500,000
R8751 Prior Paygo		63,555	63,555						63,555
			0						0
			0						0
Total Cost:	0	2,313,555	2,313,555	1,600,000	2,100,000	1,600,000	2,100,000	1,600,000	11,313,555



Watershed Restoration Maintenance

WATERSHED MANAGEMENT

Project Number: M234115
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		8,000	8,000	12,000	15,000	18,000	21,000	24,000	98,000
Land Acquisition			0						0
Construction		280,000	280,000	323,000	367,000	411,000	455,000	499,000	2,335,000
Inspection Fees		12,000	12,000	15,000	18,000	21,000	24,000	27,000	117,000
Equipment/Furnishing			0						0
Total Cost:	0	300,000	300,000	350,000	400,000	450,000	500,000	550,000	2,550,000

FUNDING SCHEDULE

R8750 Dedicated Paygo		300,000	300,000	350,000	400,000	450,000	500,000	550,000	2,550,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	300,000	300,000	350,000	400,000	450,000	500,000	550,000	2,550,000



Wheel Creek Watershed Restoration

WATERSHED MANAGEMENT

Project Number: A104102
Council District: B
Location: Bel Air
Est. Debt Service: \$56,250 (annual)

Expended/Encumbered as of 2/9/22:

\$6,641,865



■ 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	2,559,607	300,000	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:	7,489,607	300,000	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	1,950,000		1,950,000						1,950,000
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
R7000 Future Bonds		300,000	300,000						300,000
Total Cost:	7,489,607	300,000	7,789,607	0	0	0	0	0	7,789,607

OUTYEAR PROJECTS

FY 24 - FY 28



Joppatowne Area Watershed Restoration

WATERSHED MANAGEMENT

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

Expended/Encumbered as of 2/9/22:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Expended/Enc. Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0	150,000	70,000	150,000	70,000	150,000	590,000
Land Acquisition			0						0
Construction			0	682,000	300,000	682,000	300,000	682,000	2,646,000
Inspection Fees			0	68,000	30,000	68,000	30,000	68,000	264,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	900,000	400,000	900,000	400,000	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	900,000	400,000	900,000	400,000	900,000	3,500,000



Plumtree Run Watershed Restoration

WATERSHED MANAGEMENT

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

Expended/Encumbered as of 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0	150,000	70,000	150,000	70,000	150,000	590,000
Land Acquisition			0						0
Construction			0	682,000	300,000	682,000	300,000	682,000	2,646,000
Inspection Fees			0	68,000	30,000	68,000	30,000	68,000	264,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	900,000	400,000	900,000	400,000	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	900,000	400,000	900,000	400,000	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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0	150,000	70,000	150,000	70,000	150,000	590,000
Land Acquisition			0						0
Construction			0	682,000	300,000	682,000	300,000	682,000	2,646,000
Inspection Fees			0	68,000	30,000	68,000	30,000	68,000	264,000
Equipment/Furnishing			0						0
Total Cost:	0	0	0	900,000	400,000	900,000	400,000	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	900,000	400,000	900,000	400,000	900,000	3,500,000

OPEN / ACTIVE PROJECTS



Bynum Run @ St. Andrews Way Stream Restoration

WATERSHED MANAGEMENT

Project Number: A114105
Council District: C
Location: Bel Air
Est. Debt Service: \$8,474 (annual)

Expended/Encumbered as of 2/9/22:

\$1,839,630



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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	145,000		145,000						145,000
Land Acquisition			0						0
Construction	1,797,026		1,797,026						1,797,026
Inspection Fees	355,000		355,000						355,000
Equipment/Furnishing			0						0
Total Cost:	2,297,026	0	2,297,026	0	0	0	0	0	2,297,026

FUNDING SCHEDULE

R8750 Paygo	328,065		328,065						328,065
R3199 Federal Other	1,030,000		1,030,000						1,030,000
R7100 Prior Bonds	338,961		338,961						338,961
R3320 State DNR/SWM	600,000		600,000						600,000
			0						0
Total Cost:	2,297,026	0	2,297,026	0	0	0	0	0	2,297,026



County Owned Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: A164105
Council District: Multiple
Location: Various
Est. Debt Service: \$312,500 (annual)

Expended/Encumbered as of 2/9/22:

\$9,189,327



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: A124104
Council District: A
Location: Joppatowne
Est. Debt Service: \$73,750 (annual)

Expended/Encumbered as of 2/9/22:

\$2,690,119



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Middle Bynum Run Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M204104
Council District: Multiple
Location: Various
Est. Debt Service: \$16,250 (annual)

Expended/Encumbered as of 2/9/22:

\$1,650,000



■ 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	775,000		775,000						775,000
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	0	1,650,000	0	0	0	0	0	1,650,000

FUNDING SCHEDULE

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



Plumtree Run Watershed Restoration

WATERSHED MANAGEMENT

Project Number: A124105
Council District: C
Location: Bel Air
Est. Debt Service: \$128,750 (annual)

Expended/Encumbered as of 2/9/22:

\$5,454,563



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: A154103
Council District: F
Location: Riverside
Est. Debt Service: \$55,500 (annual)

Expended/Encumbered as of 2/9/22:

\$334,110



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: 0

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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: A124106
Council District: A
Location: Edgewood
Est. Debt Service: \$29,250 (annual)

Expended/Encumbered as of 2/9/22:

\$1,922,740



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: 0

Project Schedule/Status:

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

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Septic System Disconnection

WATERSHED MANAGEMENT

Project Number: M174112
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$513,299



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	650,000		650,000						650,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	650,000	0	650,000	0	0	0	0	0	650,000

FUNDING SCHEDULE

R8750 Dedicated Paygo	650,000		650,000						650,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	650,000	0	650,000	0	0	0	0	0	650,000



Stormwater Pollution Prevention

WATERSHED MANAGEMENT

Project Number: A124107
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,422,334



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Sunnyview Stream Restoration

WATERSHED MANAGEMENT

Project Number: A084107
Council District: C
Location: Bel Air
Est. Debt Service: \$66,526 (annual)

Expended/Encumbered as of 2/9/22:

\$540,257



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	810,000		810,000						810,000
Land Acquisition	845,000		845,000						845,000
Construction	2,937,220		2,937,220						2,937,220
Inspection Fees	600,000		600,000						600,000
Equipment/Furnishing			0						0
Total Cost:	5,192,220	0	5,192,220	0	0	0	0	0	5,192,220

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
			0						0
			0						0
Total Cost:	5,192,220	0	5,192,220	0	0	0	0	0	5,192,220



Upper Bynum Run Watershed Restoration Improvements

WATERSHED MANAGEMENT

Project Number: M184105
Council District: Multiple
Location: Various
Est. Debt Service: \$55,000 (annual)

Expended/Encumbered as of 3/22/21:

\$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, 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: A164106
Council District: Multiple
Location: Various
Est. Debt Service: \$173,750 (annual)

Expended/Encumbered as of 2/9/22:

\$4,912,445



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: A164107
Council District: Multiple
Location: Various
Est. Debt Service: \$103,750 (annual)

Expended/Encumbered as of 2/9/22:

\$3,401,596



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: A164108
Council District: Multiple
Location: Various
Est. Debt Service: \$4,000 (annual)

Expended/Encumbered as of 2/9/22:

\$724,759



■ 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 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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PUBLIC SAFETY

FY 23 Projects

Darlington VFC House #1	1,000,000	0	1,000,000	0	0	0	0	0
HCDC Facility Repairs/Upgrades	2,040,000	0	2,040,000	0	0	0	0	0
HCSO Body Worn Camera	2,970,000	350,000	655,000	655,000	655,000	655,000	0	0
HCSO Cell Site Simulator	600,000	0	600,000	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	6,000,000	0	0	0	0	0	0
HCSO In-Car Camera System	2,000,000	0	400,000	400,000	400,000	400,000	400,000	
Mobile/Portable Radio System	8,865,000	7,265,000	1,100,000	100,000	100,000	100,000	100,000	100,000
Next-Gen 911	22,735,000	10,235,000	1,500,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000
Riverside Fire and EMS Station	7,000,000	3,800,000	3,200,000	0	0	0	0	0
Sus. Hose Company House 1	2,500,000	1,000,000	1,500,000	0	0	0	0	0
VFC Facility Repair	7,960,000	4,510,000	1,450,000	400,000	400,000	400,000	400,000	400,000
VFC Public Safety Equipment	7,125,000	3,525,000	600,000	600,000	600,000	600,000	600,000	600,000

Open Projects

Aberdeen VFC Main Station Reno	1,500,000	1,500,000	0	0	0	0	0	0
Emergency Ops Ctr. Complex	37,494,525	37,494,525	0	0	0	0	0	0
HCSO Computer Equip/Networks	3,480,415	3,480,415	0	0	0	0	0	0
HCSO Mobile Data Terminal Repl.	551,400	551,400	0	0	0	0	0	0
Multi-Agency Mobile Comm. Ctr.	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
Public Comm in School Bldgs	750,000	750,000	0	0	0	0	0	0
Whiteford VFC Reno of Main St.	1,200,000	1,200,000	0	0	0	0	0	0

PUBLIC SAFETY BY PROJECT	122,271,340	88,161,340	14,045,000	7,155,000	3,655,000	3,655,000	3,000,000	2,600,000
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Paygo	32,111,323	14,341,323	9,205,000	2,055,000	2,055,000	2,055,000	1,400,000	1,000,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	3,024,818	362,500	2,662,318	0	0	0	0	0
Future Bonds	6,840,000	0	6,340,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	50,076,500	50,076,500	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	23,098,000	10,598,000	1,500,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000
Federal	6,002,000	12,002,000	(6,000,000)	0	0	0	0	0
Developer/Other	637,682	300,000	337,682	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	481,017	481,017	0	0	0	0	0	0

PUBLIC SAFETY BY FUND	122,271,340	88,161,340	14,045,000	7,155,000	3,655,000	3,655,000	3,000,000	2,600,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
PUBLIC SAFETY											
Darlington VFC House #1	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0
HCDC Facility Repairs/Upgrades	2,040,000	0	0	0	2,040,000	0	0	0	0	0	0
HCSO Body Worn Camera	655,000	0	655,000	0	0	0	0	0	0	0	0
HCSO Cell Site Simulator	600,000	0	600,000	0	0	0	0	0	0	0	0
HCSO Fleet Replacement	0	0	3,000,000	0	0	2,662,318	0	0	0	(6,000,000)	337,682
HCSO In-Car Camera System	400,000	0	400,000	0	0	0	0	0	0	0	0
Mobile/Portable Radio Upgrade	1,100,000	0	0	0	1,100,000	0	0	0	0	0	0
Next-Gen 911	1,500,000	0	0	0	0	0	0	0	1,500,000	0	0
Riverside Fire and EMS Station	3,200,000	0	0	0	3,200,000	0	0	0	0	0	0
VFC Facility Repair	1,450,000	0	1,450,000	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
VFC Susquehanna Hose House 1	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	14,045,000	0	9,205,000	0	6,340,000	2,662,318	0	0	1,500,000	(6,000,000)	337,682



Darlington VFC House #1

PUBLIC SAFETY

Project Number: E234116
Council District: D
Location: Darlington
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	1,000,000	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:	0	1,000,000	1,000,000	0	0	0	0	0	1,000,000



HCDC Facility Repairs/Upgrades

PUBLIC SAFETY

Project Number: E234117
Council District: C
Location: Bel Air
Est. Debt Service: \$51,000 (annual)

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Kitchen Repair/Equipment; IAP Center
 Canopy Cover; Recreation Yard Canopy Cover

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		100,000	100,000						100,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		1,940,000	1,940,000						1,940,000
Total Cost:	0	2,040,000	2,040,000	0	0	0	0	0	2,040,000

FUNDING SCHEDULE

R7000 Future Bonds		2,040,000	2,040,000						2,040,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	2,040,000	2,040,000	0	0	0	0	0	2,040,000



HCSO Body Worn Camera Program

PUBLIC SAFETY

Project Number: E224108
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$347,647



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This program is now fully operational and continues to be evaluated. The HCSO has received and deployed body worn cameras to all sworn law enforcement members below the rank of Captain. The supporting equipment (mounting devices, charging stations, etc) has also been deployed and is currently in use.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	350,000	655,000	1,005,000	655,000	655,000	655,000			2,970,000
Total Cost:	350,000	655,000	1,005,000	655,000	655,000	655,000	0	0	2,970,000

FUNDING SCHEDULE

R8750 Paygo	350,000	655,000	1,005,000	655,000	655,000	655,000			2,970,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	350,000	655,000	1,005,000	655,000	655,000	655,000	0	0	2,970,000



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:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	600,000	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:	0	600,000	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: (annual)

Expended/Encumbered as of 2/9/22:

\$1,857,212



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project is ongoing.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	6,000,000	(6,000,000)	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



HCSO In-Car Camera Systems

PUBLIC SAFETY

Project Number: E234119
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

The funding schedule will allow for a five year replacement cycle with 45 camera systems being replaced each year.

PROJECT DESCRIPTION:

The requested funding will allow for the replacement of approximately 225 in-car camera systems. The in-car systems record interactions between Sheriff's Office deputies and the public multiple times per day. The systems record and store a permanent video record of events ranging from traffic stops to field interviews, vehicle pursuits to violent crimes. The agency began installing in-car cameras in 2006, with a conversion to the current systems in 2015. These systems began their end of life cycle in 2020, thus requiring replacement. The advances in technology will allow for a fully integrated platform to include the body worn cameras, tasers and in-car camera systems.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		400,000	400,000	400,000	400,000	400,000	400,000		2,000,000
Total Cost:	0	400,000	400,000	400,000	400,000	400,000	400,000	0	2,000,000

FUNDING SCHEDULE

R8750 Paygo		400,000	400,000	400,000	400,000	400,000	400,000		2,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	400,000	400,000	400,000	400,000	400,000	400,000	0	2,000,000



Mobile/Portable Radio System Upgrade

PUBLIC SAFETY

Project Number: E184106
Council District: Multiple
Location: Various
Est. Debt Service: \$205,375 (annual)

Expended/Encumbered as of 2/9/22:

\$4,059,461



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

FY 22: complete Ethernet conversions infrastructure; purchase of new pagers; new/replacement radios for employees/vehicles.

FY 22/23: continue replacement of radios; begin microwave upgrade/replacement; replace radios

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	7,265,000	1,100,000	8,365,000	100,000	100,000	100,000	100,000	100,000	8,865,000
Total Cost:	7,265,000	1,100,000	8,365,000	100,000	100,000	100,000	100,000	100,000	8,865,000

FUNDING SCHEDULE

R7100 Prior Bonds	7,115,000		7,115,000						7,115,000
R8750 Paygo	150,000		150,000						150,000
R7000 Future Bonds		1,100,000	1,100,000	100,000	100,000	100,000	100,000	100,000	1,600,000
			0						0
			0						0
Total Cost:	7,265,000	1,100,000	8,365,000	100,000	100,000	100,000	100,000	100,000	8,865,000



Next-Gen 911

PUBLIC SAFETY

Project Number: E204108
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$6,851,347



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

FY 22: back up center (Manorwood) 21 desks, UPS, cabling, generator, interface for records mgmnt system, new CAD
 FY 22/23: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	10,235,000	1,500,000	11,735,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000	22,735,000
Total Cost:	10,235,000	1,500,000	11,735,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000	22,735,000

FUNDING SCHEDULE

R8750 Paygo	1,935,000		1,935,000						1,935,000
R3399 State Other	8,300,000	1,500,000	9,800,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000	20,800,000
			0						0
			0						0
			0						0
Total Cost:	10,235,000	1,500,000	11,735,000	5,000,000	1,500,000	1,500,000	1,500,000	1,500,000	22,735,000



Riverside Fire and EMS Station

PUBLIC SAFETY

Project Number: E214106
Council District: F
Location: Belcamp
Est. Debt Service: \$175,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	3,300,000	3,200,000	6,500,000						6,500,000
Inspection Fees			0						0
Equipment/Furnishing	300,000		300,000						300,000
Total Cost:	3,800,000	3,200,000	7,000,000	0	0	0	0	0	7,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,800,000		3,800,000						3,800,000
R7000 Future Bonds		3,200,000	3,200,000						3,200,000
			0						0
			0						0
			0						0
Total Cost:	3,800,000	3,200,000	7,000,000	0	0	0	0	0	7,000,000



Susquehanna Hose Company House 1 Replacement

PUBLIC SAFETY

Project Number: E224110
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$1,000,000



■ Expended/Enc. ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,000,000	1,500,000	2,500,000						2,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,000,000	1,500,000	2,500,000	0	0	0	0	0	2,500,000

FUNDING SCHEDULE

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



VFC Facility Repair

PUBLIC SAFETY

Project Number: E154104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$3,144,203



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,510,000	1,450,000	5,960,000	400,000	400,000	400,000	400,000	400,000	7,960,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,510,000	1,450,000	5,960,000	400,000	400,000	400,000	400,000	400,000	7,960,000

FUNDING SCHEDULE

R3161 ARPA	1,400,000		1,400,000						1,400,000
R8750 Paygo	3,110,000	1,450,000	4,560,000	400,000	400,000	400,000	400,000	400,000	6,560,000
			0						0
			0						0
			0						0
Total Cost:	4,510,000	1,450,000	5,960,000	400,000	400,000	400,000	400,000	400,000	7,960,000



VFC Public Safety Equipment

PUBLIC SAFETY

Project Number: E174103
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$2,430,293



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: knox box system; emergency vehicle transmitters; 30,000 gallon cistern, fire prevention safety house
 FY 22/23: fire ponds: Jarrettsville, 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; fire prevention safety house; 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,525,000	600,000	4,125,000	600,000	600,000	600,000	600,000	600,000	7,125,000
Total Cost:	3,525,000	600,000	4,125,000	600,000	600,000	600,000	600,000	600,000	7,125,000

FUNDING SCHEDULE

R8750 Paygo	1,875,000	600,000	2,475,000	600,000	600,000	600,000	600,000	600,000	5,475,000
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:	3,525,000	600,000	4,125,000	600,000	600,000	600,000	600,000	600,000	7,125,000

OPEN / ACTIVE PROJECTS



Aberdeen VFC Main Station Renovation

PUBLIC SAFETY

Project Number: E204105
Council District: E204105
Location: Aberdeen
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,500,000



■ 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 is to provide for major renovations to the main station addressing major deficiencies to include insulation, ADA compliance, fire protection systems, etc.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,500,000		1,500,000						1,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000

FUNDING SCHEDULE

R8750 Paygo	1,500,000		1,500,000						1,500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000



Emergency Operations Center Complex

PUBLIC SAFETY

Project Number: E074110
Council District: D
Location: Hickory
Est. Debt Service: \$816,538 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$35,254,021

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

PROJECT DESCRIPTION:

A feasibility study was completed to determine expansion and upgrade requirements for a new Emergency Operations Center. Phase 1 of this project was completed in FY 15. It includes new Emergency Operations and Dispatch centers, a County training facility, and office space for the Department of Emergency Services staff and the Department of Information Communication and Technology staff.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	2,363,281		2,363,281						2,363,281
Land Acquisition			0						0
Construction	30,631,244		30,631,244						30,631,244
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing	4,400,000		4,400,000						4,400,000
Total Cost:	37,494,525	0	37,494,525	0	0	0	0	0	37,494,525

FUNDING SCHEDULE

R7100 Prior Bonds	32,661,500		32,661,500						32,661,500
R8750 Paygo	283,025		283,025						283,025
R6340 Corporate/Business	50,000		50,000						50,000
R3399 State Other	2,298,000		2,298,000						2,298,000
R3199 Federal Other	2,202,000		2,202,000						2,202,000
Total Cost:	37,494,525	0	37,494,525	0	0	0	0	0	37,494,525



HCSO Computer Equipment/Networks

PUBLIC SAFETY

Project Number: E054106
Council District: Various
Location: Multiple
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 3/22/21:

\$2,698,299



■ 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 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 Mobile Data Terminal Replacement

PUBLIC SAFETY

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

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Expended/Encumbered as of 2/9/22:

\$551,400



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Continue replacement of Mobile Data Terminals (MDT).

PROJECT DESCRIPTION:

This funding will be used to replace 70 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	551,400		551,400						551,400
Total Cost:	551,400	0	551,400	0	0	0	0	0	551,400

FUNDING SCHEDULE

R8750 Paygo	551,400		551,400						551,400
			0						0
			0						0
			0						0
			0						0
Total Cost:	551,400	0	551,400	0	0	0	0	0	551,400



Multi-Agency Public Safety Mobile Command Center

PUBLIC SAFETY

Project Number: E204107
Council District: Multiple
Location: Various
Est. Debt Service: \$45,000 (annual)

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

Expended/Encumbered as of 3/22/21:

\$1,800,000



■ Expended/Enc. ■ Budget

Project Schedule/Status:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$117,500 (annual)

Expended/Encumbered as of 2/9/22:
 \$4,700,000



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

FY 22: complete design and 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Public Safety Communication in School Buildings

PUBLIC SAFETY

Project Number: E134108
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 3/22/21:

\$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. Each BDA costs approximately \$43,000. Currently BDA's have been installed in all existing county high schools and middle schools. The balance in this account is used to repair the existing BDA's as necessary.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	750,000		750,000						750,000
Total Cost:	750,000	0	750,000	0	0	0	0	0	750,000

FUNDING SCHEDULE

R8750 Paygo	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



Whiteford VFC - Renovation of Main Station

PUBLIC SAFETY

Project Number: E184119
Council District: D
Location: Whiteford
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HARFORD COMMUNITY COLLEGE

FY 23 Projects

Chesapeake Welcome Center	41,753,025	3,890,425	28,285,000	9,577,600	0	0	0	0
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Open Projects

Edgewood Hall Reno/Expansion	8,324,575	8,324,575	0	0	0	0	0	0
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Fallston Hall Renovations	7,232,375	7,232,375	0	0	0	0	0	0
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HCC BY PROJECT	57,309,975	19,447,375	28,285,000	9,577,600	0	0	0	0
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HARFORD COMMUNITY COLLEGE

Paygo	0	0	0	0	0	0	0	0
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Prior Paygo	0	0	0	0	0	0	0	0
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Reappropriated	0	0	0	0	0	0	0	0
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Future Bonds	16,760,000	0	14,230,000	2,530,000	0	0	0	0
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Prior Bonds	9,676,575	9,676,575	0	0	0	0	0	0
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Transfer Tax	0	0	0	0	0	0	0	0
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Recordation Tax	0	0	0	0	0	0	0	0
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State	28,940,800	9,770,800	14,055,000	5,115,000	0	0	0	0
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Federal	0	0	0	0	0	0	0	0
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Developer/Other	1,932,600	0	0	1,932,600	0	0	0	0
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Lease Purchase	0	0	0	0	0	0	0	0
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Lease Revenue	0	0	0	0	0	0	0	0
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HCC BY FUND	57,309,975	19,447,375	28,285,000	9,577,600	0	0	0	0
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HARFORD COMMUNITY COLLEGE											
Chesapeake Welcome Center	28,285,000	0	0	0	14,230,000	0	0	0	14,055,000	0	0
SUB-TOTAL HCC	28,285,000	0	0	0	14,230,000	0	0	0	14,055,000	0	0



Chesapeake Welcome Center

HARFORD COMMUNITY COLLEGE

Project Number: C204109
Council District: E
Location: Churchville
Est. Debt Service: \$424,436 (annual)

Expended/Encumbered as of 2/9/22:

\$766,844



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	2,609,000		2,609,000						2,609,000
Land Acquisition			0						0
Construction	1,281,425	28,285,000	29,566,425	5,442,000					35,008,425
Inspection Fees			0						0
Equipment/Furnishing			0	4,135,600					4,135,600
Total Cost:	3,890,425	28,285,000	32,175,425	9,577,600	0	0	0	0	41,753,025

FUNDING SCHEDULE

R7920 State Bonds	1,143,000	14,055,000	15,198,000	5,115,000					20,313,000
R7000 Future Bonds		14,230,000	14,230,000	2,530,000					16,760,000
R7100 Prior Bonds	2,747,425		2,747,425						2,747,425
R6999 Other HCC			0	1,932,600					1,932,600
			0						0
Total Cost:	3,890,425	28,285,000	32,175,425	9,577,600	0	0	0	0	41,753,025

OPEN / ACTIVE PROJECTS



Edgewood Hall Renovation & Expansion

HARFORD COMMUNITY COLLEGE

Project Number: C144106
Council District: E
Location: Churchville
Est. Debt Service: \$86,614 (annual)

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

Expended/Encumbered as of 2/9/22:

\$3,464,575



■ Expended/Enc. ■ Budget

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

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	632,000		632,000						632,000
Land Acquisition			0						0
Construction	7,692,575		7,692,575						7,692,575
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	8,324,575	0	8,324,575	0	0	0	0	0	8,324,575

FUNDING SCHEDULE

R7100 Prior Bonds	3,464,575		3,464,575						3,464,575
R7920 State Bonds	4,860,000		4,860,000						4,860,000
			0						0
			0						0
			0						0
Total Cost:	8,324,575	0	8,324,575	0	0	0	0	0	8,324,575



Fallston Hall Renovations

HARFORD COMMUNITY COLLEGE

Project Number: C184107
Council District: E
Location: Churchville
Est. Debt Service: \$86,614 (annual)

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

Expended/Encumbered as of 2/9/22:

\$2,712,156



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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LIBRARIES

FY 23 Projects

Bel Air Library Renovations	19,700,000	0	2,200,000	17,500,000	0	0	0	0
Technology	2,309,100	1,859,100	450,000	0	0	0	0	0

Open Projects

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

LIBRARIES BY PROJECT	31,085,100	10,935,100	2,650,000	17,500,000	0	0	0	0
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Paygo	2,365,100	1,915,100	450,000	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	16,800,000	0	800,000	16,000,000	0	0	0	0
Prior Bonds	6,720,000	6,720,000	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	3,900,000	1,000,000	1,400,000	1,500,000	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Developer/Other	900,000	900,000	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

LIBRARIES BY FUND	31,085,100	10,935,100	2,650,000	17,500,000	0	0	0	0
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
LIBRARIES											
Bel Air Library Renovation	2,200,000	0	0	0	800,000	0	0	0	1,400,000	0	0
Technology	450,000	0	450,000	0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	2,650,000	0	450,000	0	800,000	0	0	0	1,400,000	0	0



Bel Air Library Renovations

LIBRARIES

Project Number: L234120
Council District: C
Location: Bel Air
Est. Debt Service: \$20,000 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Design
 FY 23: Construction

PROJECT DESCRIPTION:

This project will provide funding for the comprehensive renovation to the Bel Air Library to include site, roof, exterior, interior, mechanical, plumbing, electrical, fire/life safety and conveyance system.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		800,000	800,000						800,000
Land Acquisition			0						0
Construction		1,400,000	1,400,000	17,500,000					18,900,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	2,200,000	2,200,000	17,500,000	0	0	0	0	19,700,000

FUNDING SCHEDULE

R7000 Future Bonds		800,000	800,000	16,000,000					16,800,000
R3399 State Other		1,400,000	1,400,000	1,500,000					2,900,000
			0						0
			0						0
			0						0
Total Cost:	0	2,200,000	2,200,000	17,500,000	0	0	0	0	19,700,000



HCPL Technology

LIBRARIES

Project Number: L124118
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$1,284,807



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,859,100	450,000	2,309,100						2,309,100
Total Cost:	1,859,100	450,000	2,309,100	0	0	0	0	0	2,309,100

FUNDING SCHEDULE

R8750 Paygo	1,859,100	450,000	2,309,100						2,309,100
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,859,100	450,000	2,309,100	0	0	0	0	0	2,309,100

OPEN / ACTIVE PROJECTS



Darlington Library

LIBRARIES

Project Number: L124116
Council District: D
Location: Darlington
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$33,845



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 23: Demolition and design

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$168,000 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$8,653,113

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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BOARD OF EDUCATION

FY 23 Projects

Athletic & Rec Repairs/Improve.	773,937	673,937	100,000	0	0	0	0	0
Bakerfield Elementary School	1,260,000	0	1,260,000	0	0	0	0	0
Educational Facility Program	6,475,576	3,090,576	3,385,000	0	0	0	0	0
Fleet Replacement	8,965,159	5,510,159	3,455,000	0	0	0	0	0
HCPS Facilities Master Plan	870,000	670,000	200,000	0	0	0	0	0
HCPS Facilities Repair Program	5,173,665	1,173,665	4,000,000	0	0	0	0	0
HCPS Site Improvements	4,255,000	2,075,000	2,180,000	0	0	0	0	0
Harford Tech HS Limited Renov.	45,968,375	0	20,000,000	12,984,188	12,984,187	0	0	0
Homestead/Wakefield ES	82,570,667	6,000,000	37,937,000	38,633,667	0	0	0	0
Life, Health, Safety/Compliance	5,912,000	2,267,000	3,645,000	0	0	0	0	0
Major HVAC	1,941,914	1,467,330	474,584	0	0	0	0	0
Meadowvale Elementary School	870,000	0	870,000	0	0	0	0	0
Relocatable Classrooms	3,606,896	2,706,896	900,000	0	0	0	0	0
Roof Replace - Bakerfield ES	2,175,000	0	2,175,000	0	0	0	0	0
Roof Replace - Bel Air MS	5,977,475	7,480,000	(1,502,525)	0	0	0	0	0
Roof Replace - Hickory ES	3,358,365	3,360,424	(2,059)	0	0	0	0	0
Swan Creek HVAC Upgrades	3,135,000	0	3,135,000	0	0	0	0	0
Technology Infrastructure	5,020,860	1,420,860	3,600,000	0	0	0	0	0

Open Projects

Abingdon ES Central Plant	2,378,000	2,378,000	0	0	0	0	0	0
Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Ctr for Ed. Opportunity HVAC	4,625,000	4,625,000	0	0	0	0	0	0
HdG MS/HS Replacement	99,268,000	99,268,000	0	0	0	0	0	0

BOARD OF EDUCATION

North Bend ES Plant/Fire Alarm	2,031,000	2,031,000	0	0	0	0	0	0
Roof Replace - Aberdeen MS	4,356,702	4,356,702	0	0	0	0	0	0
Roof Replace - Ctr for Ed Opport.	4,329,000	4,329,000	0	0	0	0	0	0
Roye Williams HVAC Systemic	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
Youth's Benefit ES Replacement	48,861,866	48,861,866	0	0	0	0	0	0

BOARD OF ED BY PROJECT

Paygo	15,379,571	7,224,571	8,155,000	0	0	0	0	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	640,000	640,000	0	0	0	0	0	0
Future Bonds	72,592,042	0	42,675,000	23,993,355	5,923,687	0	0	0
Prior Bonds	147,361,580	147,361,580	0	0	0	0	0	0
Transfer Tax	94,044	94,044	0	0	0	0	0	0
Recordation Tax	0	0	0	0	0	0	0	0
State	115,362,500	50,945,500	29,732,000	27,624,500	7,060,500	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	14,235,896	8,985,896	5,250,000	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

365,665,633	215,251,591	85,812,000	51,617,855	12,984,187	0	0	0
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
BOARD OF EDUCATION											
Athletic and Rec. Repairs Impro	100,000	0	0	100,000	0	0	0	0	0	0	0
Bakerfield Elementary School	1,260,000	0	0	0	625,000	0	0	0	635,000	0	0
Educational Facility Program	3,385,000	0	0	0	3,385,000	0	0	0	0	0	0
Fleet Replacement	3,455,000	0	3,455,000	0	0	0	0	0	0	0	0
HCPS Facilities Master Plan	200,000	0	200,000	0	0	0	0	0	0	0	0
HCPS Facilities Repair Program	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
HCPS Site Improvements	2,180,000	0	0	1,380,000	0	0	0	0	0	0	800,000
Harford Tech HS Limited Renov.	20,000,000	0	0	0	10,000,000	0	0	0	10,000,000	0	0
Homestead/Wakefield ES Life,	37,937,000	0	0	0	22,175,000	0	0	0	15,762,000	0	0
Health, Safety Compliance Major	3,645,000	0	0	0	3,465,000	0	0	0	180,000	0	0
HVAC	474,584	0	0	24,584	0	0	0	0	0	0	450,000
Meadowvale Elementary School	870,000	0	0	0	430,000	0	0	0	440,000	0	0
Relocatable Classrooms	900,000	0	900,000	0	0	0	0	0	0	0	0
Roof Repl. - Bakerfield ES Roof	2,175,000	0	0	0	930,000	0	0	0	1,245,000	0	0
Repl. - Bel Air MS	(1,502,525)	0	0	(1,502,525)	0	0	0	0	0	0	0
Roof Repl. - Hickory ES	(2,059)	0	0	(2,059)	0	0	0	0	0	0	0
Swan Creek HVAC Upgrades	3,135,000	0	0	0	1,665,000	0	0	0	1,470,000	0	0
Technology Infrastructure	3,600,000	0	3,600,000	0	0	0	0	0	0	0	0
SUB-TOTAL BOARD OF ED	85,812,000	0	8,155,000	0	42,675,000	0	0	0	29,732,000	0	5,250,000



Athletic and Recreation Repairs and Improvements

BOARD OF EDUCATION

Project Number: B214114
Council District: Multiple
Location: Various
Est. Debt Service: \$7,807 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$330,429

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	673,937	100,000	773,937						773,937
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	673,937	100,000	773,937	0	0	0	0	0	773,937

FUNDING SCHEDULE

R7100 Prior Bonds	212,299	100,000	312,299						312,299
R8750 Paygo	261,638		261,638						261,638
R6999 Other BOE	200,000		200,000						200,000
			0						0
			0						0
Total Cost:	673,937	100,000	773,937	0	0	0	0	0	773,937



Bakerfield Elementary School

BOARD OF EDUCATION

Project Number: B234121
Council District: F
Location: Havre de Grace
Est. Debt Service: \$15,625 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	1,260,000	1,260,000	0	0	0	0	0	1,260,000

FUNDING SCHEDULE

R7920 State Bonds		635,000	635,000						635,000
R7000 Future Bonds		625,000	625,000						625,000
			0						0
			0						0
			0						0
Total Cost:	0	1,260,000	1,260,000	0	0	0	0	0	1,260,000



Educational Facility Program

BOARD OF EDUCATION

Project Number: B214107
Council District: Various
Location: Multiple
Est. Debt Service: \$150,639 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$1,939,812

Project Schedule/Status:



■ Expended/Enc. ■ Budget

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 2023 request includes:

Special Education Facility Improvements - Facility improvements and additional transportation for adding the following regional program sites: Middle School Autism program (STRIVE) at Southampton MS - facility improvements at \$500,000 and 1 bus \$119,000 and Elementary School Autism Program (STRIVE) at Riverside ES - facility improvements \$481,000 and 1 bus at \$119,000 Fallston HS (STRIVE) - add bathroom and sensory room to STRIVE program space at \$100,000

Career & Technology Education Equipment Refresh - Professional Foods Lab @ C. Milton Wright \$716,000 and at Fallston High School @ \$716,000; and Child Care Lab at C. Milton Wright at \$633,000.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	931,520	1,747,000	2,678,520						2,678,520
Inspection Fees			0						0
Equipment/Furnishing	2,159,056	1,638,000	3,797,056						3,797,056
Total Cost:	3,090,576	3,385,000	6,475,576	0	0	0	0	0	6,475,576

FUNDING SCHEDULE

R7000 Future Bonds		3,385,000	3,385,000						3,385,000
R7100 Prior Bonds	2,640,576		2,640,576						2,640,576
R6999 Other BOE	450,000		450,000						450,000
			0						0
			0						0
Total Cost:	3,090,576	3,385,000	6,475,576	0	0	0	0	0	6,475,576



Fleet Replacement

BOARD OF EDUCATION

Project Number: B214108
Council District: Multiple
Location: Various
Est. Debt Service: \$404 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$1,533,434

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. The FY 23 request reflects the cost of replacing all buses that passed the 12 year replacement cycle and allows time to be sure the funds are available prior to bidding and building the buses. For FY 23 there are 6 special needs buses that have reached the fifteen year mark and must be replaced by law.

Replacement of special needs buses (29 buses over 12 years old) at \$3,451,000. 6 were due in FY 2020 (\$714,000); 11 were due in FY 2021 (\$1,309,000); 5 were due in FY 2022 (\$595,000); and 7 were due in FY 2023 (\$833,000).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,510,159	3,455,000	8,965,159						8,965,159
Total Cost:	5,510,159	3,455,000	8,965,159	0	0	0	0	0	8,965,159

FUNDING SCHEDULE

R8750 Paygo	2,644,000	3,455,000	6,099,000						6,099,000
R7100 Prior Bonds	16,159		16,159						16,159
R6999 Other BOE	2,850,000		2,850,000						2,850,000
			0						0
			0						0
Total Cost:	5,510,159	3,455,000	8,965,159	0	0	0	0	0	8,965,159



HCPS Facilities Master Plan

BOARD OF EDUCATION

Project Number: B214116
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$628,818

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 23 request includes a Scope Study. This is to update and complete a scope study for William Paca/Old Post Road at \$200,000.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	670,000	200,000	870,000						870,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	670,000	200,000	870,000	0	0	0	0	0	870,000

FUNDING SCHEDULE

R8750 Paygo	670,000	200,000	870,000						870,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	670,000	200,000	870,000	0	0	0	0	0	870,000



HCPS Facilities Repair Program

BOARD OF EDUCATION

Project Number: B204131
Council District: Multiple
Location: Various
Est. Debt Service: \$22,604 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$295,758

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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.

Amendment #30 - added \$4,000,000 in Other (BOE fund balance) funds

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,173,665	4,000,000	5,173,665						5,173,665
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,173,665	4,000,000	5,173,665	0	0	0	0	0	5,173,665

FUNDING SCHEDULE

R7100 Prior Bonds	904,148		904,148						904,148
R8750 Paygo	19,517		19,517						19,517
R6999 Other BOE	250,000	4,000,000	4,250,000						4,250,000
			0						0
			0						0
Total Cost:	1,173,665	4,000,000	5,173,665	0	0	0	0	0	5,173,665



HCPS Site Improvements

BOARD OF EDUCATION

Project Number: B224105
Council District: Multiple
Location: Various
Est. Debt Service: \$34,500 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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.

Amendment #22 - Prior Bond funding in the amount of \$1,380,000 has been reallocated from the Roof Replacement BAMS Capital Project B214110 and Amendment #28 adding Other (BOE fund balance) funds in the amount of \$800,000

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,075,000	2,180,000	4,255,000						4,255,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,075,000	2,180,000	4,255,000	0	0	0	0	0	4,255,000

FUNDING SCHEDULE

R8750 Paygo	500,000		500,000						500,000
R6999 Other BOE	1,575,000	800,000	2,375,000						2,375,000
R7100 Prior Bonds		1,380,000	1,380,000						1,380,000
			0						0
			0						0
Total Cost:	2,075,000	2,180,000	4,255,000	0	0	0	0	0	4,255,000



Harford Technical High School Limited Renovation Project

BOARD OF EDUCATION

Project Number: B234122
Council District: C
Location: Bel Air
Est. Debt Service: \$250,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		2,600,000	2,600,000						2,600,000
Land Acquisition			0						0
Construction		17,400,000	17,400,000	12,984,188	11,734,187				42,118,375
Inspection Fees			0						0
Equipment/Furnishing			0		1,250,000				1,250,000
Total Cost:	0	20,000,000	20,000,000	12,984,188	12,984,187	0	0	0	45,968,375

FUNDING SCHEDULE

R7920 State Bonds		10,000,000	10,000,000	7,060,500	7,060,500				24,121,000
R7000 Future Bonds		10,000,000	10,000,000	5,923,688	5,923,687				21,847,375
			0						0
			0						0
			0						0
Total Cost:	0	20,000,000	20,000,000	12,984,188	12,984,187	0	0	0	45,968,375



Homestead Wakefield Elementary Major Project

BOARD OF EDUCATION

Project Number: B224106
Council District: C
Location: Bel Air
Est. Debt Service: \$704,375 (annual)

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

Expended/Encumbered as of 2/9/22:

\$956,982



■ Expended/Enc. ■ Budget

Project Schedule/Status:

Construction to begin in 2022.

Design currently underway.

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 may 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	6,000,000		6,000,000						6,000,000
Land Acquisition			0						0
Construction		37,937,000	37,937,000	34,433,667					72,370,667
Inspection Fees			0						0
Equipment/Furnishing			0	4,200,000					4,200,000
Total Cost:	6,000,000	37,937,000	43,937,000	38,633,667	0	0	0	0	82,570,667

FUNDING SCHEDULE

R7920 State Bonds		15,762,000	15,762,000	20,564,000					36,326,000
R7000 Future Bonds		22,175,000	22,175,000	18,069,667					40,244,667
R7100 Prior Bonds	6,000,000		6,000,000						6,000,000
			0						0
			0						0
Total Cost:	6,000,000	37,937,000	43,937,000	38,633,667	0	0	0	0	82,570,667



Life, Health, Safety and Compliance Measures

BOARD OF EDUCATION

Project Number: B214109
Council District: Multiple
Location: Various
Est. Debt Service: \$143,300 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$13,668

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. The following are included for FY23:

Compliance with Maryland Lead Water Testing Standards: In May, 2021 the State passes a new regulation lowering the limit from 20 ppb to 5 ppb. This project will replace all plumbing fixtures with lead testing results above 5ppb. The fixture will be replaced in an effort to remediate the problem. Once the fixture is replaced, retesting will occur to determine if further remediation is required. Consumptive fixtures, local match to State share (\$179,235 funded by the State under MD's Health Schools Grant) - Local Match is \$105,265. Non-consumptive fixtures at \$2,711,000.

Emergency Systems & Communication: Fallston MS Generator Replacement @ \$60,000; Church Creek ES Fire Alarm Upgrade at \$690,000.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,267,000	3,645,000	5,912,000						5,912,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,267,000	3,645,000	5,912,000	0	0	0	0	0	5,912,000

FUNDING SCHEDULE

R7920 State Bonds		180,000	180,000						180,000
R7000 Future Bonds		3,465,000	3,465,000						3,465,000
R7100 Prior Bonds	2,267,000		2,267,000						2,267,000
			0						0
			0						0
Total Cost:	2,267,000	3,645,000	5,912,000	0	0	0	0	0	5,912,000



Major HVAC

BOARD OF EDUCATION

Project Number: B214115
Council District: Multiple
Location: Various\
Est. Debt Service: \$37,298 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$287,910

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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.

Amendment #26 - Reallocated Prior Bonds in the amount of \$24,584 has been reallocated from the Roof Replacement BAMS Capital Project B214110 and Amendment #32 to add \$450,000 in Other (BOE Fund Balance) funds.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,467,330	474,584	1,941,914						1,941,914
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,467,330	474,584	1,941,914	0	0	0	0	0	1,941,914

FUNDING SCHEDULE

R7100 Prior Bonds	1,467,330	24,584	1,491,914						1,491,914
R6999 Other BOE		450,000	450,000						450,000
			0						0
			0						0
			0						0
Total Cost:	1,467,330	474,584	1,941,914	0	0	0	0	0	1,941,914



Meadowvale Elementary School

BOARD OF EDUCATION

Project Number: B234123
Council District: F
Location: Havre de Grace
Est. Debt Service: \$10,750 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	870,000	870,000	0	0	0	0	0	870,000

FUNDING SCHEDULE

R7920 State Bonds		440,000	440,000						440,000
R7000 Future Bonds		430,000	430,000						430,000
			0						0
			0						0
			0						0
Total Cost:	0	870,000	870,000	0	0	0	0	0	870,000



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 2/9/22:
 \$204,477

Project Schedule/Status:



■ Expended/Enc. ■ Budget

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. For FY 2023 the following are included: add relocatable classrooms to overcrowded schools based on need. Schools include Red Pump Elementary, Fallston Middle, Havre de Grace Elementary, and others as identified. Additional capacity at Fallston Middle \$600,000; move 2 portables to Red Pump \$200,000; move 1 portable to Havre de Grace \$100,000.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,706,896	900,000	3,606,896						3,606,896
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,706,896	900,000	3,606,896	0	0	0	0	0	3,606,896

FUNDING SCHEDULE

R8750 Paygo	272,830	900,000	1,172,830						1,172,830
R6999 Other BOE	2,375,896		2,375,896						2,375,896
R1525 Transfer Tax	58,170		58,170						58,170
			0						0
			0						0
Total Cost:	2,706,896	900,000	3,606,896	0	0	0	0	0	3,606,896



Roof Replacement - Bakerfield Elementary School

BOARD OF EDUCATION

Project Number: B234124
Council District: E
Location: Aberdeen
Est. Debt Service: \$23,250 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	2,175,000	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
R7000 Future Bonds		930,000	930,000						930,000
			0						0
			0						0
			0						0
Total Cost:	0	2,175,000	2,175,000	0	0	0	0	0	2,175,000



Roof Replacement - Bel Air Middle School

BOARD OF EDUCATION

Project Number: B214110
Council District: C
Location: Various
Est. Debt Service: \$42,337 (annual)

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

Expended/Encumbered as of 2/9/22:

\$702,646



■ Expended/Enc. ■ Budget

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:

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.

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	6,800,000	(1,502,525)	5,297,475						5,297,475
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	7,480,000	(1,502,525)	5,977,475	0	0	0	0	0	5,977,475

FUNDING SCHEDULE

R7920 State Bonds	4,284,000		4,284,000						4,284,000
R7100 Prior Bonds	3,196,000	(1,502,525)	1,693,475						1,693,475
			0						0
			0						0
			0						0
Total Cost:	7,480,000	(1,502,525)	5,977,475	0	0	0	0	0	5,977,475



Roof Replacement - Hickory Elementary School

Project Number: B204112
Council District: C
Location: Bel Air, MD
Est. Debt Service: \$16,068 (annual)

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

Expended/Encumbered as of 2/9/22:

\$755,615



■ Expended/Enc. ■ Budget

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:

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 Hickory Elementary School has a built up roofing system installed in 1988, 1993, and 1996; with a small quantity of standing seam metal. The majority of the roof is flat and holds water. Ponding water accelerates deterioration of roof materials. The shade, combined with a lack of positive drainage, encourages moss growth on the north side of high walls. As the ponding water deteriorates the asphalt, weak or "rotten" sections of the roof have caused leaks. As the roof continues to age, it is becoming increasingly difficult to find stable materials to accept repairs. Roof drains have also become a common problem, both from the flashing on the top of the roof as well as plumbing failures within the building.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	269,000		269,000						269,000
Land Acquisition			0						0
Construction	3,037,424	(2,059)	3,035,365						3,035,365
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,306,424	(2,059)	3,304,365	0	0	0	0	0	3,304,365

FUNDING SCHEDULE

R7100 Prior Bonds	803,424	(2,059)	801,365						801,365
R7920 State Bonds	2,503,000		2,503,000						2,503,000
			0						0
			0						0
			0						0
Total Cost:	3,306,424	(2,059)	3,304,365	0	0	0	0	0	3,304,365



Swan Creek HVAC Upgrades

BOARD OF EDUCATION

Project Number: B234125
Council District: E
Location: Aberdeen
Est. Debt Service: \$41,625 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	3,135,000	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
R7000 Future Bonds		1,665,000	1,665,000						1,665,000
			0						0
			0						0
			0						0
Total Cost:	0	3,135,000	3,135,000	0	0	0	0	0	3,135,000



Technology Infrastructure

BOARD OF EDUCATION

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

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

Expended/Encumbered as of 2/9/22:
 \$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 2023:

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 \$650,000/year.

Replace Network Switch: Network switch replacement (5 year cycle) at \$750,000

Replace Aging Technology: The FY 23 request includes wireless access point replacement (5 year cycle), server replacement (5 year cycle), battery backup (UPS) replacement, and interactive whiteboard replacement (5 year cycle); \$2,200,000

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,420,860	3,600,000	5,020,860						5,020,860
Total Cost:	1,420,860	3,600,000	5,020,860	0	0	0	0	0	5,020,860

FUNDING SCHEDULE

R8750 Paygo	1,409,986	3,600,000	5,009,986						5,009,986
R1525 Transfer Tax	10,874		10,874						10,874
			0						0
			0						0
			0						0
Total Cost:	1,420,860	3,600,000	5,020,860	0	0	0	0	0	5,020,860

OPEN / ACTIVE PROJECTS



Abingdon Elementary School Central Plant

BOARD OF EDUCATION

Project Number: B224104
Council District: B224104
Location: Abingdon
Est. Debt Service: \$31,175 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total=	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Aberdeen High School North Building

BOARD OF EDUCATION

Project Number: B054110
Council District: E
Location: Aberdeen
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$567,053

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Center for Educational Opportunity - HVAC

BOARD OF EDUCATION

Project Number: B164109
Council District: E
Location: Aberdeen
Est. Debt Service: \$55,000 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$2,175,733

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Havre de Grace Middle/High School Replacement

BOARD OF EDUCATION

Project Number: B144111
Council District: F
Location: Havre de Grace
Est. Debt Service: \$1,936,850 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$75,349,713

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



North Bend Elementary School Central Plant & Fire Alarm Upgrade

BOARD OF EDUCATION

Project Number: B204111
Council District: D
Location: Jarrettsville
Est. Debt Service: \$26,363 (annual)

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

Expended/Encumbered as of 2/9/22:

\$82,369



■ 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	155,000		155,000						155,000
Land Acquisition			0						0
Construction	1,860,000		1,860,000						1,860,000
Inspection Fees	16,000		16,000						16,000
Equipment/Furnishing			0						0
Total Cost:	2,031,000	0	2,031,000	0	0	0	0	0	2,031,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,054,500		1,054,500						1,054,500
R7920 State Bonds	976,500		976,500						976,500
			0						0
			0						0
			0						0
Total Cost:	2,031,000	0	2,031,000	0	0	0	0	0	2,031,000



Roof Replacement - Aberdeen Middle School

BOARD OF EDUCATION

Project Number: B194104
Council District: E
Location: Aberdeen
Est. Debt Service: \$36,943 (annual)

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

Expended/Encumbered as of 2/9/22:

\$1,477,702



■ Expended/Enc. ■ Budget

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 for replacement of a roof at the Aberdeen Middle School.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	370,000		370,000						370,000
Land Acquisition			0						0
Construction	3,986,702		3,986,702						3,986,702
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,356,702	0	4,356,702	0	0	0	0	0	4,356,702

FUNDING SCHEDULE

R7100 Prior Bonds	1,477,702		1,477,702						1,477,702
R7920 State Bonds	2,879,000		2,879,000						2,879,000
			0						0
			0						0
			0						0
Total Cost:	4,356,702	0	4,356,702	0	0	0	0	0	4,356,702



Roof Replacement - Center for Educational Opportunity (CEO)

BOARD OF EDUCATION

Project Number: B224107
Council District: E
Location: Aberdeen
Est. Debt Service: \$46,250 (annual)

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

Expended/Encumbered as of 2/9/22:

\$1,960



■ Expended/Enc. ■ Budget

Project Schedule/Status:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$168,575 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$6,429,569



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$1,005,902



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Youth's Benefit Elementary School Replacement

BOARD OF EDUCATION

Project Number: B074127
Council District: B074127
Location: Fallston
Est. Debt Service: \$965,297 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$38,578,957

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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SOLID WASTE SERVICES

FY 23 Projects

Waste to Energy Closure	13,163,753	8,163,753	5,000,000	0	0	0	0	0
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Outyear Projects

Environmental Studies/Projects	383,801	233,801	0	50,000	0	50,000	0	50,000
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HWDC Landfill Capping	10,070,000	9,695,000	0	125,000	0	125,000	0	125,000
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Solid Waste Facilities Repair	4,400,000	2,000,000	0	750,000	0	800,000	0	850,000
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Open Projects

HWDC Compost Area Facilities	484,088	484,088	0	0	0	0	0	0
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HWDC Pavement Upgrades	800,000	800,000	0	0	0	0	0	0
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Scarboro Landfill Groundwater	250,000	250,000	0	0	0	0	0	0
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Tollgate Yard Trim Recycling Ctr.	475,081	475,081	0	0	0	0	0	0
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SOLID WASTE BY PROJECT	30,026,723	22,101,723	5,000,000	925,000	0	975,000	0	1,025,000
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Paygo	25,193,321	19,668,321	5,000,000	175,000	0	175,000	0	175,000
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Prior Paygo	0	0	0	0	0	0	0	0
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Reappropriated	0	0	0	0	0	0	0	0
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Future Bonds	2,400,000	0	0	750,000	0	800,000	0	850,000
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Prior Bonds	2,433,402	2,433,402	0	0	0	0	0	0
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Transfer Tax	0	0	0	0	0	0	0	0
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Recordation Tax	0	0	0	0	0	0	0	0
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State	0	0	0	0	0	0	0	0
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Federal	0	0	0	0	0	0	0	0
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Developer/Other	0	0	0	0	0	0	0	0
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Lease Purchase	0	0	0	0	0	0	0	0
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Lease Revenue	0	0	0	0	0	0	0	0
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SOLID WASTE BY FUND	30,026,723	22,101,723	5,000,000	925,000	0	975,000	0	1,025,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
SOLID WASTE SERVICES											
WTE Facility Closure	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE SVCS	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0



Waste-To-Energy Facility Closure

SOLID WASTE

Project Number: D145602
Council District: A
Location: Joppa
Est. Debt Service: (annual)

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

Expended/Encumbered as of 2/9/22:
 \$3,140,496

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	7,763,753	5,000,000	12,763,753						12,763,753
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	8,163,753	5,000,000	13,163,753	0	0	0	0	0	13,163,753

FUNDING SCHEDULE

R8750 Paygo	8,163,753	5,000,000	13,163,753						13,163,753
			0						0
			0						0
			0						0
			0						0
Total Cost:	8,163,753	5,000,000	13,163,753	0	0	0	0	0	13,163,753

OUTYEAR PROJECTS

FY 24 - FY 28



Environmental Studies and Projects

SOLID WASTE

Project Number: D214112
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$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 related environmental investigations at County-owned and/or operated landfills, as well as other various County projects, equipment, and property acquisitions involving the environment and solid waste operations.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	233,801		233,801	50,000		50,000		50,000	383,801
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	233,801	0	233,801	50,000	0	50,000	0	50,000	383,801

FUNDING SCHEDULE

R8750 Paygo	233,801		233,801	50,000		50,000		50,000	383,801
			0						0
			0						0
			0						0
			0						0
Total Cost:	233,801	0	233,801	50,000	0	50,000	0	50,000	383,801



HWDC Landfill Capping

SOLID WASTE

Project Number: D105601
Council District: D
Location: Street
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	9,145,000		9,145,000	125,000		125,000		125,000	9,520,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	9,695,000	0	9,695,000	125,000	0	125,000	0	125,000	10,070,000

FUNDING SCHEDULE

R8750 Paygo	9,695,000		9,695,000	125,000		125,000		125,000	10,070,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	9,695,000	0	9,695,000	125,000	0	125,000	0	125,000	10,070,000



Solid Waste Facilities Repair Program

SOLID WASTE

Project Number: D204115
Council District: D
Location: Street
Est. Debt Service: \$37,500 (annual)

Expended/Encumbered as of 2/9/22:

\$585,183



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,000,000		2,000,000	750,000		800,000		850,000	4,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,000,000	0	2,000,000	750,000	0	800,000	0	850,000	4,400,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,500,000		1,500,000						1,500,000
R8750 Paygo	500,000		500,000						500,000
R7000 Future Bonds			0	750,000		800,000		850,000	2,400,000
			0						0
			0						0
Total Cost:	2,000,000	0	2,000,000	750,000	0	800,000	0	850,000	4,400,000

OPEN / ACTIVE PROJECTS



HWDC Compost Area Facilities

SOLID WASTE

Project Number: D075601
Council District: D
Location: Street
Est. Debt Service: \$12,102 (annual)

Expended/Encumbered as of 2/9/22:
 \$477,600



■ Expended/Enc.
 ■ Budget

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

Project Schedule/Status:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



HWDC Pavement Upgrades

SOLID WASTE

Project Number: D155601
Council District: D
Location: Street
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$800,000



■ 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 provides for the repair, upgrade and replacement of concrete, paved and other surfaces utilized by vehicles and equipment at the Harford Waste Disposal Center (HWDC). Wear is due to the heavy daily use by commercial and private vehicles and heavy landfill equipment. Existing pavement sections are failing. Pavement repair has been deferred since 2007. Initial projects include the repair of deteriorated pavement area at the Homeowner Drop-off, scales and compost facility.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	800,000		800,000						800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	800,000	0	800,000	0	0	0	0	0	800,000

FUNDING SCHEDULE

R8750 Paygo	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



Scarboro Landfill Groundwater Treatment Plant Evaluation & Upgrades

SOLID WASTE

Project Number: D174108
Council District: D
Location: Street
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$23,014



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$11,233 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$248,151

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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PARKS & RECREATION

FY 23 Projects

ADA Improvements	990,000	395,000	75,000	0	100,000	140,000	140,000	140,000
Athletic Field Improvements	38,050,000	22,550,000	3,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Bleacher Renovations	670,000	490,000	100,000	0	80,000	0	0	0
Bush River Dredging/DMP Site	1,990,000	990,000	50,000	0	0	0	100,000	850,000
Canoe & Kayak Access	1,855,000	1,280,000	50,000	275,000	0	250,000	0	0
Churchville Center Renovations	875,000	575,000	300,000	0	0	0	0	0
Churchville Complex Develop.	8,616,830	8,556,830	60,000	0	0	0	0	0
Emmorton Rec/Tennis Ctr.	2,595,000	1,810,000	385,000	0	0	400,000	0	0
Equestrian Ctr. Improvements	1,300,000	575,000	75,000	100,000	0	300,000	0	250,000

PARKS & RECREATION

Facility Repairs/Renovations	1,449,000	649,000	150,000	100,000	100,000	150,000	150,000	150,000
Jarrettsville Rec Complex/Ctr.	8,810,775	710,775	4,000,000	4,000,000	0	0	0	100,000
Joppa Youth/Senior Center	7,800,000	0	500,000	7,000,000	300,000	0	0	0
Mariner Point Park - DMP Site	1,650,000	1,200,000	450,000	0	0	0	0	0
McFaul Center Renovations	0	250,000	(250,000)	0	0	0	0	0
Northern Regional Park	6,825,000	575,000	250,000	1,500,000	0	4,500,000	0	0
Oakington Peninsula System	2,550,000	250,000	150,000	150,000	1,000,000	0	1,000,000	0
Outdoor AED Construction	180,000	0	30,000	30,000	30,000	30,000	30,000	30,000
P & R Facility Dev./Renovations	2,656,315	0	2,656,315	0	0	0	0	0
Park Improvements	505,000	205,000	50,000	50,000	50,000	50,000	50,000	50,000
Parking Lot Paving	2,224,000	1,299,000	250,000	150,000	0	175,000	175,000	175,000
Parkland Acquisition	21,771,000	13,321,000	1,775,000	1,075,000	1,075,000	1,075,000	1,600,000	1,850,000
Playground Equipment	7,690,000	4,650,000	1,675,000	175,000	240,000	400,000	500,000	50,000
SWM Pond Repair/Renovation	1,325,000	905,000	120,000	0	150,000	0	150,000	0
Swan Harbor Farm Improvements	1,064,000	764,000	50,000	50,000	50,000	50,000	50,000	50,000
Tennis/Multipurpose/Pickleball	2,710,000	1,560,000	400,000	150,000	150,000	150,000	150,000	150,000
Trails and Linear Parks	26,150,000	17,200,000	1,000,000	1,000,000	1,500,000	1,000,000	1,500,000	2,950,000
12 Stones Park	2,000,000	0	250,000	1,500,000	0	0	0	250,000

Outyear Projects

Backstop Renovations	490,000	270,000	0	0	50,000	65,000	40,000	65,000
Blake's Venture Park	1,100,000	0	0	0	100,000	0	1,000,000	0
Bulkhead Renovations	555,000	40,000	0	515,000	0	0	0	0
Darlington Park Development	2,035,000	1,985,000	0	0	50,000	0	0	0
Debris/Derelict Boats	200,000	100,000	0	0	0	100,000	0	0
Demarco Memorial Park	140,000	40,000	0	0	0	0	100,000	0
Disc Golf Course	100,000	50,000	0	0	50,000	0	0	0
Dog Park Construction/Improve.	1,053,500	673,500	0	90,000	90,000	0	100,000	100,000
Eden Mill Park Rehabilitation	2,380,000	1,255,000	0	500,000	0	0	125,000	500,000
Edgeley Grove Farm	940,000	140,000	0	0	50,000	0	750,000	0
Edgewood Recreation Park	700,000	50,000	0	500,000	0	0	150,000	0
Emily Bayless Graham Park	4,145,000	3,395,000	0	250,000	0	500,000	0	0
Enlarged Gyms/Joint Facilities	3,300,000	1,200,000	0	700,000	0	700,000	0	700,000
Flying Point Park Improvements	1,203,000	1,053,000	0	0	0	150,000	0	0
Graybeal Fields	125,000	0	0	0	125,000	0	0	0
Gunpowder River Dredging	3,384,000	2,234,000	0	0	0	150,000	1,000,000	0
Gym Floor Repair/Renovation	360,000	210,000	0	0	50,000	50,000	50,000	0
Heavenly Waters Park - Soma	625,000	200,000	0	0	75,000	0	0	350,000
Norrisville Park	2,525,000	1,375,000	0	600,000	0	0	550,000	0
Prospect Mill Park	610,000	250,000	0	0	0	180,000	180,000	0
Rockfield Park Improvements	370,000	270,000	0	0	0	100,000	0	0
Schucks Road Regional Complex	8,660,415	8,110,415	0	0	0	0	0	550,000
Tollgate Woodshop	85,000	40,000	0	0	0	45,000	0	0

Open Projects

Aberdeen Activity Center	9,000,000	9,000,000	0	0	0	0	0	0
Anita C. Leight Improvements	1,055,000	1,055,000	0	0	0	0	0	0
Benson Field Development	100,000	100,000	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 Improve.	450,000	450,000	0	0	0	0	0	0
Francis Silver Park Improve.	425,000	425,000	0	0	0	0	0	0
Indoor Rec Facility - Forest Hill	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 Develop.	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
Perryman Park Development	120,000	120,000	0	0	0	0	0	0
Robert Copenhagen Park	300,000	300,000	0	0	0	0	0	0
Rock Glenn Park	1,300,000	1,300,000	0	0	0	0	0	0
Vale Road Park	125,000	125,000	0	0	0	0	0	0

PARKS & RECREATION BY PROJECT	206,707,835	121,021,520	17,601,315	22,960,000	7,965,000	13,210,000	12,140,000	11,810,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
PARKS & RECREATION											
ADA Improvements	75,000	0	0	0	0	0	0	50,000	0	0	25,000
Athletic Field Improvements	3,000,000	0	0	0	2,500,000	0	0	0	0	0	500,000
Bleacher Renovations	100,000	0	0	0	0	0	0	100,000	0	0	0
Bush River Dredging & DMP Site	50,000	0	0	0	0	0	0	0	50,000	0	0
Canoe and Kayak Access	50,000	0	0	0	0	0	0	50,000	0	0	0
Churchville Center Renovations	300,000	0	0	0	0	0	0	300,000	0	0	0
Churchville Complex Development	60,000	0	0	0	0	0	0	60,000	0	0	0
Emmorton Rec/Tennis Ctr. Impr.	385,000	0	0	0	0	0	0	385,000	0	0	0
Equestrian Ctr. Improvements	75,000	0	0	0	0	0	0	75,000	0	0	0
Facility Repairs & Renovations	150,000	0	0	0	0	0	0	150,000	0	0	0
Jarrettsville Rec Complex/Ctr.	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0
Joppatowne Youth/Senior Center	500,000	0	0	0	500,000	0	0	0	0	0	0
Mariner Point Park - DMP Site	450,000	0	0	0	0	0	0	0	450,000	0	0
McFaul Activity Ctr. Renovations	(250,000)	0	0	0	0	0	0	(250,000)	0	0	0
Northern Regional Park	250,000	0	0	0	0	0	0	250,000	0	0	0
Oakington Peninsula System	150,000	0	0	0	0	0	0	150,000	0	0	0
Outdoor AED Construction	30,000	0	0	0	0	0	0	30,000	0	0	0
P & R Facility Dev./Renovation*	2,656,315	0	0	0	1,250,000	0	0	0	1,406,315	0	0
Park Improvements	50,000	0	0	0	0	0	0	50,000	0	0	0
Parking Lot Paving	250,000	0	0	0	0	0	0	250,000	0	0	0
Parkland Acquisition*	1,775,000	0	0	0	0	0	0	75,000	1,700,000	0	0
Playground Equipment	1,675,000	0	0	0	0	0	0	150,000	1,500,000	0	25,000
SWM Pond Repair & Rehab	120,000	0	0	0	0	0	0	120,000	0	0	0
Swan Harbor Farm Improvements	50,000	0	0	0	0	0	0	50,000	0	0	0
Tennis/Multipurp./Pickleball	400,000	0	0	0	0	0	0	200,000	200,000	0	0
Trails & Linear Parks	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0
12 Stones Park	250,000	0	0	0	0	0	0	250,000	0	0	0
*Program Open Space State funding											
TOTAL PARKS & RECREATION	17,601,315	0	0	0	9,250,000	0	0	2,495,000	5,306,315	0	550,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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PARKS & RECREATION

Paygo	4,315,322	3,965,322	0	50,000	50,000	50,000	50,000	150,000
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	49,100,000	0	9,250,000	16,700,000	4,800,000	8,700,000	3,500,000	6,150,000
Prior Bonds	44,506,830	44,506,830	0	0	0	0	0	0
Transfer Tax	0	0	0	0	0	0	0	0
Recordation Tax	42,266,953	26,976,953	2,495,000	3,320,000	1,665,000	2,015,000	3,385,000	2,410,000
State	47,059,315	27,738,000	5,306,315	2,865,000	1,340,000	1,680,000	5,130,000	3,000,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0
Developer/Other	10,645,000	9,020,000	550,000	25,000	110,000	765,000	75,000	100,000
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	0	0	0	0	0	0	0	0

PARKS & RECREATION BY FUND	206,707,835	121,021,520	17,601,315	22,960,000	7,965,000	13,210,000	12,140,000	11,810,000
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ADA Improvements

PARKS AND RECREATION

Project Number: P144120
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$257,851



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0		25,000				25,000
Land Acquisition			0						0
Construction	395,000	75,000	470,000		75,000	140,000	140,000	140,000	965,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	395,000	75,000	470,000	0	100,000	140,000	140,000	140,000	990,000

FUNDING SCHEDULE

R1515 Recordation Tax	300,000	50,000	350,000		75,000	140,000	140,000	140,000	845,000
R6999 Other	95,000	25,000	120,000		25,000				145,000
			0						0
			0						0
			0						0
Total Cost:	395,000	75,000	470,000	0	100,000	140,000	140,000	140,000	990,000



Athletic Field Improvements

PARKS AND RECREATION

Project Number: P084117
Council District: Multiple
Location: Various
Est. Debt Service: \$572,500 (annual)

Expended/Encumbered as of 2/9/22:
 \$19,928,721



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	925,000		925,000						925,000
Land Acquisition			0						0
Construction	21,255,000	3,000,000	24,255,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	36,755,000
Inspection Fees	370,000		370,000						370,000
Equipment/Furnishing			0						0
Total Cost:	22,550,000	3,000,000	25,550,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	38,050,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,350,000		1,350,000						1,350,000
R6999 Other	800,000	500,000	1,300,000						1,300,000
R7000 Future Bonds		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	15,000,000
R7100 Prior Bonds	20,400,000		20,400,000						20,400,000
			0						0
Total Cost:	22,550,000	3,000,000	25,550,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	38,050,000



Bleacher Renovations

PARKS AND RECREATION

Project Number: P094123
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	490,000	100,000	590,000		80,000				670,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	490,000	100,000	590,000	0	80,000	0	0	0	670,000

FUNDING SCHEDULE

R1515 Recordation Tax	260,000	100,000	360,000		40,000				400,000
R6999 Other	230,000		230,000		40,000				270,000
			0						0
			0						0
			0						0
Total Cost:	490,000	100,000	590,000	0	80,000	0	0	0	670,000



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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	100,000		100,000				100,000		200,000
Land Acquisition			0						0
Construction	850,000	50,000	900,000					850,000	1,750,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost:	990,000	50,000	1,040,000	0	0	0	100,000	850,000	1,990,000

FUNDING SCHEDULE

R1515 Recordation Tax	40,000		40,000				100,000	50,000	190,000
R3399 State Other	950,000	50,000	1,000,000					800,000	1,800,000
			0						0
			0						0
			0						0
Total Cost:	990,000	50,000	1,040,000	0	0	0	100,000	850,000	1,990,000



Canoe and Kayak Access

PARKS AND RECREATION

Project Number: P164113
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$558,422



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	200,000	50,000	250,000			50,000			300,000
Land Acquisition			0						0
Construction	1,040,000		1,040,000	275,000		200,000			1,515,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost:	1,280,000	50,000	1,330,000	275,000	0	250,000	0	0	1,855,000

FUNDING SCHEDULE

R6999 Other	300,000		300,000						300,000
R1515 Recordation Tax	630,000	50,000	680,000	275,000		100,000			1,055,000
R3399 State Other	350,000		350,000			150,000			500,000
			0						0
			0						0
Total Cost:	1,280,000	50,000	1,330,000	275,000	0	250,000	0	0	1,855,000



Churchville Center Renovations

PARKS AND RECREATION

Project Number: P104112
Council District: E
Location: Churchville
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$355,347



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		150,000	150,000						150,000
Land Acquisition			0						0
Construction	570,000	150,000	720,000	0					720,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost:	575,000	300,000	875,000	0	0	0	0	0	875,000

FUNDING SCHEDULE

R1515 Recordation Tax	175,000	300,000	475,000						475,000
R6999 Other	200,000		200,000						200,000
R8750 Paygo	200,000		200,000						200,000
			0	0					0
			0						0
Total Cost:	575,000	300,000	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: \$179,421 (annual)

Expended/Encumbered as of 2/9/22:

\$7,987,651



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	405,000		405,000						405,000
Land Acquisition			0						0
Construction	7,911,830	60,000	7,971,830						7,971,830
Inspection Fees	240,000		240,000						240,000
Equipment/Furnishing			0						0
Total Cost:	8,556,830	60,000	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	299,678	60,000	359,678						359,678
Total Cost:	8,556,830	60,000	8,616,830	0	0	0	0	0	8,616,830



Emmorton Recreation and Tennis Center Improvements

PARKS AND RECREATION

Project Number: P114121
Council District: C
Location: Emmorton
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,416,447



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	50,000	100,000	150,000						150,000
Land Acquisition			0						0
Construction	1,724,000	285,000	2,009,000			400,000			2,409,000
Inspection Fees	36,000		36,000						36,000
Equipment/Furnishing			0						0
Total Cost:	1,810,000	385,000	2,195,000	0	0	400,000	0	0	2,595,000

FUNDING SCHEDULE

R6330 Developer	139,500		139,500						139,500
R6999 Other	230,500		230,500						230,500
R1515 Recordation Tax	1,140,000	385,000	1,525,000			250,000			1,775,000
R3380 Prog. Open Sp.	200,000		200,000			150,000			350,000
R8750 Paygo P&R Fund	100,000		100,000						100,000
Total Cost:	1,810,000	385,000	2,195,000	0	0	400,000	0	0	2,595,000



Equestrian Center Improvements

PARKS AND RECREATION

Project Number: P114124
Council District: B
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$375,118



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	511,000	75,000	586,000	100,000		300,000		250,000	1,236,000
Inspection Fees	14,000		14,000						14,000
Equipment/Furnishing			0						0
Total Cost:	575,000	75,000	650,000	100,000	0	300,000	0	250,000	1,300,000

FUNDING SCHEDULE

R6999 Other	125,000		125,000			150,000		100,000	375,000
R8750 Paygo	150,000		150,000					100,000	250,000
R1515 Recordation Tax	300,000	75,000	375,000	100,000		150,000		50,000	675,000
			0						0
			0						0
Total Cost:	575,000	75,000	650,000	100,000	0	300,000	0	250,000	1,300,000



Facility Repairs and Renovations

PARKS AND RECREATION

Project Number: P184114
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 3/22/21:

\$427,115



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	639,000	150,000	789,000	100,000	100,000	150,000	150,000	150,000	1,439,000
Inspection Fees	10,000		10,000						10,000
Equipment/Furnishing			0						0
Total Cost:	649,000	150,000	799,000	100,000	100,000	150,000	150,000	150,000	1,449,000

FUNDING SCHEDULE

R1515 Recordation Tax	549,000	150,000	699,000	100,000	100,000	150,000	150,000	150,000	1,349,000
R6999 Other	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Cost:	649,000	150,000	799,000	100,000	100,000	150,000	150,000	150,000	1,449,000



Jarrettsville Recreation Complex/Center

PARKS AND RECREATION

Project Number: P154111
Council District: D
Location: Jarrettsville
Est. Debt Service: \$105,000 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$305,273



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	710,775	1,000,000	1,710,775						1,710,775
Land Acquisition			0						0
Construction		3,000,000	3,000,000	3,800,000				100,000	6,900,000
Inspection Fees			0						0
Equipment/Furnishing			0	200,000					200,000
Total Cost:	710,775	4,000,000	4,710,775	4,000,000	0	0	0	100,000	8,810,775

FUNDING SCHEDULE

R8750 Paygo	425,000		425,000						425,000
R7000 Future Bonds		4,000,000	4,000,000	4,000,000					8,000,000
R1515 Recordation Tax	85,775		85,775					100,000	185,775
R7100 Prior Bonds	200,000		200,000						200,000
			0						0
Total Cost:	710,775	4,000,000	4,710,775	4,000,000	0	0	0	100,000	8,810,775



Joppa/Joppatowne Youth/Senior Center

PARKS AND RECREATION

Project Number: P234126
Council District: A
Location: Joppatowne
Est. Debt Service: \$12,500 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23: Land Acquisition

FY 24/25: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		500,000	500,000						500,000
Land Acquisition			0						0
Construction			0	7,000,000					7,000,000
Inspection Fees			0		300,000				300,000
Equipment/Furnishing			0						0
Total Cost:	0	500,000	500,000	7,000,000	300,000	0	0	0	7,800,000

FUNDING SCHEDULE

R7000 Future Bonds		500,000	500,000	7,000,000	300,000				7,800,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	500,000	500,000	7,000,000	300,000	0	0	0	7,800,000



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 2/9/22:

\$99,575



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	1,100,000	450,000	1,550,000						1,550,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,200,000	450,000	1,650,000	0	0	0	0	0	1,650,000

FUNDING SCHEDULE

R3399 State Other	1,200,000	450,000	1,650,000						1,650,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,200,000	450,000	1,650,000	0	0	0	0	0	1,650,000



McFaul Activity Center Renovations

PARKS AND RECREATION

Project Number: P224114
Council District: C
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$0

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

Project Schedule/Status:

This project is under constructed and has been funded with ARPA funds. The recordation tax appropriated on this project is no longer needed.

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project proposes the renovation and replacement of the HVAC system at the William McFaul Activities Center. The current HVAC system has reached the end of its useful life. The McFaul Center serves the greater Bel Air community and includes programming from the Department of Parks and Recreation, the Bel Air Recreation Council, the County Office on Aging, and the Boys and Girls Club. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

Reallocating prior Recordation Tax to the Emmorton Rec and Community Center capital project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	250,000	(250,000)	0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	(250,000)	0	0	0	0	0	0	0

FUNDING SCHEDULE

R1515 Recordation Tax	250,000	(250,000)	0						0
			0						0
			0						0
			0						0
			0						0
Total Cost:	250,000	(250,000)	0	0	0	0	0	0	0



Northern Regional Park

PARKS AND RECREATION

Project Number: P134110
Council District: D
Location: Whiteford
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$458,454



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		250,000	250,000						250,000
Land Acquisition	575,000		575,000						575,000
Construction			0	1,500,000		4,500,000			6,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	575,000	250,000	825,000	1,500,000	0	4,500,000	0	0	6,825,000

FUNDING SCHEDULE

R8750 Paygo	75,000		75,000						75,000
R3380 Prog. Open Sp.	500,000		500,000	1,000,000					1,500,000
R7000 Future Bonds			0			4,500,000			4,500,000
R1515 Recordation Tax		250,000	250,000	500,000					750,000
			0						0
Total Cost:	575,000	250,000	825,000	1,500,000	0	4,500,000	0	0	6,825,000



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 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	250,000	150,000	400,000	150,000					550,000
Land Acquisition			0						0
Construction			0		1,000,000		1,000,000		2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	150,000	400,000	150,000	1,000,000	0	1,000,000	0	2,550,000

FUNDING SCHEDULE

R1515 Recordation Tax	250,000	150,000	400,000	150,000					550,000
R3380 Prog. Open Sp.			0				1,000,000		1,000,000
R7000 Future Bonds			0		1,000,000				1,000,000
			0						0
			0						0
Total Cost:	250,000	150,000	400,000	150,000	1,000,000	0	1,000,000	0	2,550,000



Outdoor AED Construction

PARKS AND RECREATION

Project Number: P234127
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction		30,000	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	30,000	30,000	30,000	30,000	30,000	30,000	30,000	180,000

FUNDING SCHEDULE

R1515 Recordation Tax		30,000	30,000	30,000	30,000	30,000	30,000	30,000	180,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	30,000	30,000	30,000	30,000	30,000	30,000	30,000	180,000



P&R Facility Development and Renovations

PARKS AND RECREATION

Project Number: P234128
Council District: Multiple
Location: Various
Est. Debt Service: \$31,250 (annual)

Expended/Encumbered as of 2/9/22:

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

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	2,656,315	2,656,315	0	0	0	0	0	2,656,315

FUNDING SCHEDULE

R7000 Future 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:	0	2,656,315	2,656,315	0	0	0	0	0	2,656,315



Park Improvements

PARKS AND RECREATION

Project Number: P184118
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$128,558



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	205,000	50,000	255,000	50,000	50,000	50,000	50,000	50,000	505,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	205,000	50,000	255,000	50,000	50,000	50,000	50,000	50,000	505,000

FUNDING SCHEDULE

R1515 Recordation Tax	175,000	50,000	225,000	50,000	50,000	50,000	50,000	50,000	475,000
R6330 Developer	30,000		30,000						30,000
			0						0
			0						0
			0						0
Total Cost:	205,000	50,000	255,000	50,000	50,000	50,000	50,000	50,000	505,000



Parking Lot Paving

PARKS AND RECREATION

Project Number: P124124
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$945,341



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Construction
 Work at Eden Mill, Scarboro Disc Golf Course, Francis Silver Park, and the Liriodendron will be completed in 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	10,000		10,000						10,000
Land Acquisition			0						0
Construction	1,239,000	250,000	1,489,000	150,000		175,000	175,000	175,000	2,164,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost:	1,299,000	250,000	1,549,000	150,000	0	175,000	175,000	175,000	2,224,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,299,000	250,000	1,549,000	150,000		175,000	175,000	175,000	2,224,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,299,000	250,000	1,549,000	150,000	0	175,000	175,000	175,000	2,224,000



Parkland Acquisition

PARKS AND RECREATION

Project Number: P104117
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$9,082,796



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

FY 23: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	150,000	75,000	225,000	75,000	75,000	75,000	100,000	100,000	650,000
Land Acquisition	13,091,000	1,700,000	14,791,000	1,000,000	1,000,000	1,000,000	1,500,000	1,750,000	21,041,000
Construction			0						0
Inspection Fees	80,000		80,000						80,000
Equipment/Furnishing			0						0
Total Cost:	13,321,000	1,775,000	15,096,000	1,075,000	1,075,000	1,075,000	1,600,000	1,850,000	21,771,000

FUNDING SCHEDULE

R1515 Recordation Tax	915,000	75,000	990,000	75,000	75,000	75,000	100,000	100,000	1,415,000
R3380 Program Open Space	12,406,000	1,700,000	14,106,000	1,000,000	1,000,000	1,000,000	1,500,000	1,750,000	20,356,000
			0						0
			0						0
			0						0
Total Cost:	13,321,000	1,775,000	15,096,000	1,075,000	1,075,000	1,075,000	1,600,000	1,850,000	21,771,000



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 2/9/22:

\$1,345,944



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	70,000	7,500	77,500	7,500	7,500	40,000	50,000	50,000	232,500
Land Acquisition			0						0
Construction	4,550,000	1,667,500	6,217,500	167,500	232,500	360,000	450,000		7,427,500
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost:	4,650,000	1,675,000	6,325,000	175,000	240,000	400,000	500,000	50,000	7,690,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,786,000	150,000	1,936,000	150,000	150,000	200,000	250,000	50,000	2,736,000
R6330 Developer	615,000		615,000						615,000
R6999 Other	165,000	25,000	190,000	25,000					215,000
R3380 Prog. Open Sp.	584,000		584,000		90,000	200,000	250,000		1,124,000
R3399 State Other	1,500,000	1,500,000	3,000,000						3,000,000
Total Cost:	4,650,000	1,675,000	6,325,000	175,000	240,000	400,000	500,000	50,000	7,690,000



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 2/9/22:
 \$636,172



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	905,000	120,000	1,025,000		150,000		150,000		1,325,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	905,000	120,000	1,025,000	0	150,000	0	150,000	0	1,325,000

FUNDING SCHEDULE

R1515 Recordation Tax	905,000	120,000	1,025,000		150,000		150,000		1,325,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	905,000	120,000	1,025,000	0	150,000	0	150,000	0	1,325,000



Swan Harbor Farm Improvements

PARKS AND RECREATION

Project Number: P154113
Council District: F
Location: Havre de Grace
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$635,240



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Stamped concrete pad installation on the back patio area is complete.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	664,000	50,000	714,000	50,000	50,000	50,000	50,000	50,000	964,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing	80,000		80,000						80,000
Total Cost:	764,000	50,000	814,000	50,000	50,000	50,000	50,000	50,000	1,064,000

FUNDING SCHEDULE

R8750 Paygo P&R Fund	655,000		655,000	50,000	50,000	50,000	50,000	50,000	905,000
R1515 Recordation Tax	10,000	50,000	60,000						60,000
R3399 State Other	99,000		99,000						99,000
			0						0
			0						0
Total Cost:	764,000	50,000	814,000	50,000	50,000	50,000	50,000	50,000	1,064,000



Tennis, Multipurpose and Pickleball Courts

PARKS AND RECREATION

Project Number: P114123
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 3/22/21:

\$1,456,201



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Repairs will occur at several school and park sites in the County. Installation of pickleball courts are part of the work at Francis Silver Park. Installation of pickleball lines are part of the work at Dublin Elementary School.
 FY 23: Construction

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,560,000	400,000	1,960,000	150,000	150,000	150,000	150,000	150,000	2,710,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,560,000	400,000	1,960,000	150,000	150,000	150,000	150,000	150,000	2,710,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,410,000	200,000	1,610,000	150,000	150,000	150,000	150,000	150,000	2,360,000
R3380 Prog. Open Sp.	150,000	200,000	350,000						350,000
			0						0
			0						0
			0						0
Total Cost:	1,560,000	400,000	1,960,000	150,000	150,000	150,000	150,000	150,000	2,710,000



Trails and Linear Parks

PARKS AND RECREATION

Project Number: P124126
Council District: Multiple
Location: Various
Est. Debt Service: \$125,000 (annual)

Expended/Encumbered as of 2/9/22:

\$4,499,770



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures: X
 Cost Savings:
 None:

Project Schedule/Status:

Construction segment 2 of Ma & Pa Connector Trail complete in Spring 2022. Design of segment 3 of Ma & Pa Connector Trail continues in 2022.
 FY 19-23: Construction of the Ma & Pa trail from Williams St. to Blake's Venture Park.
 FY 23: Repairs to boardwalk/trail Edgeley Grove to Williams St.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	245,000		245,000		50,000			750,000	1,045,000
Land Acquisition	55,000		55,000						55,000
Construction	16,300,000	1,000,000	17,300,000	1,000,000	1,450,000	1,000,000	1,500,000	2,200,000	24,450,000
Inspection Fees	600,000		600,000						600,000
Equipment/Furnishing			0						0
Total Cost:	17,200,000	1,000,000	18,200,000	1,000,000	1,500,000	1,000,000	1,500,000	2,950,000	26,150,000

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	4,000,000		4,000,000						4,000,000
R3380 Prog. Open Sp.	700,000		700,000		250,000		250,000		1,200,000
R3399 State Other	100,000		100,000						100,000
R7000 Future Bonds		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	2,950,000	7,950,000
Total Cost:	17,200,000	1,000,000	18,200,000	1,000,000	1,500,000	1,000,000	1,500,000	2,950,000	26,150,000



12 Stones Park

PARKS AND RECREATION

Project Number: P234129
Council District: F
Location: Creswell
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Engineering and design
 FY 24: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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:	0	250,000	250,000	1,500,000	0	0	0	250,000	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:	0	250,000	250,000	1,500,000	0	0	0	250,000	2,000,000

OUTYEAR PROJECTS

FY 24 - FY 28



Backstop Renovations

PARKS AND RECREATION

Project Number: P124119
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000		50,000	65,000	40,000	65,000	490,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	270,000	0	270,000	0	50,000	65,000	40,000	65,000	490,000

FUNDING SCHEDULE

R1515 Recordation Tax	155,000		155,000		30,000	40,000	40,000	65,000	330,000
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	0	50,000	65,000	40,000	65,000	490,000



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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	100,000	0	1,000,000	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	0	100,000	0	1,000,000	0	1,100,000



Bulkhead Renovations

PARKS AND RECREATION

Project Number: P224113
Council District: F
Location: Havre de Grace
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	40,000		40,000						40,000
Land Acquisition			0						0
Construction			0	515,000					515,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	40,000	0	40,000	515,000	0	0	0	0	555,000

FUNDING SCHEDULE

R3399 State Other	40,000		40,000	515,000					555,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	40,000	0	40,000	515,000	0	0	0	0	555,000



Darlington Park Development

PARKS AND RECREATION

Project Number: P094124
Council District: D
Location: Darlington
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,512,731



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	140,000		140,000						140,000
Land Acquisition			0						0
Construction	1,800,000		1,800,000		50,000				1,850,000
Inspection Fees	45,000		45,000						45,000
Equipment/Furnishing			0						0
Total Cost:	1,985,000	0	1,985,000	0	50,000	0	0	0	2,035,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,390,000		1,390,000		50,000				1,440,000
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	50,000	0	0	0	2,035,000



Debris/Derelict Boats

PARKS AND RECREATION

Project Number: P144121
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	100,000	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	0	100,000	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 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	100,000	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	0	100,000	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 2/9/22:
 \$46,791



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	3,000		3,000		3,000				6,000
Land Acquisition			0						0
Construction	45,000		45,000		47,000				92,000
Inspection Fees	2,000		2,000						2,000
Equipment/Furnishing			0						0
Total Cost:	50,000	0	50,000	0	50,000	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	0	50,000	0	0	0	100,000



Dog Park Construction & Improvements

PARKS AND RECREATION

Project Number: P204116
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$47,172



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	15,000		15,000	15,000	15,000		15,000		60,000
Land Acquisition			0						0
Construction	658,500		658,500	75,000	75,000		85,000	100,000	993,500
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	673,500	0	673,500	90,000	90,000	0	100,000	100,000	1,053,500

FUNDING SCHEDULE

R1515 Recordation Tax	340,000		340,000	90,000	90,000		100,000	100,000	720,000
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	90,000	0	100,000	100,000	1,053,500



Eden Mill Park Rehabilitation

PARKS AND RECREATION

Project Number: P104113
Council District: D
Location: Pylesville
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$822,706



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	1,155,000		1,155,000	500,000			125,000	500,000	2,280,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost:	1,255,000	0	1,255,000	500,000	0	0	125,000	500,000	2,380,000

FUNDING SCHEDULE

R6999 Other	300,000		300,000						300,000
R1515 Recordation Tax	955,000		955,000	500,000			125,000	500,000	2,080,000
			0						0
			0						0
			0						0
Total Cost:	1,255,000	0	1,255,000	500,000	0	0	125,000	500,000	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 2/9/22:
 \$21,563



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	5,000		5,000		50,000				55,000
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	0	50,000	0	750,000	0	940,000

FUNDING SCHEDULE

R1515 Recordation Tax	140,000		140,000		50,000		500,000		690,000
R3380 Prog. Open Sp.			0				250,000		250,000
			0						0
			0						0
			0						0
Total Cost:	140,000	0	140,000	0	50,000	0	750,000	0	940,000



Edgewood Recreation Park

PARKS AND RECREATION

Project Number: P194105
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	50,000		50,000	500,000			150,000		700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	50,000	0	50,000	500,000	0	0	150,000	0	700,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000	150,000			150,000		350,000
R3380 Prog. Open Sp.			0	350,000					350,000
			0						0
			0						0
			0						0
Total Cost:	50,000	0	50,000	500,000	0	0	150,000	0	700,000



Emily Bayless Graham Park

PARKS AND RECREATION

Project Number: P124120
Council District: B
Location: Emmorton
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$1,655,572



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	495,000		495,000						495,000
Land Acquisition			0						0
Construction	2,840,000		2,840,000	250,000		500,000			3,590,000
Inspection Fees	60,000		60,000						60,000
Equipment/Furnishing			0						0
Total Cost:	3,395,000	0	3,395,000	250,000	0	500,000	0	0	4,145,000

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		1,047,500	250,000					1,297,500
R3380 Prog. Open Sp.	922,500		922,500						922,500
			0						0
Total Cost:	3,395,000	0	3,395,000	250,000	0	500,000	0	0	4,145,000



Enlarged Gymnasiums & Joint Facilities

PARKS AND RECREATION

Project Number: P154110
Council District: Multiple
Location: Various
Est. Debt Service: \$33,480 (annual)

Expended/Encumbered as of 2/9/22:

\$1,200,000



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 24: Homestead/Wakefield Elementary
 FY 26: John Archer School
 Havre de Grace Middle/High School is complete.
 Field work at the site continues.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,200,000		1,200,000	700,000		700,000		700,000	3,300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,200,000	0	1,200,000	700,000	0	700,000	0	700,000	3,300,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R7000 Future Bonds			0	700,000		700,000		700,000	2,100,000
			0						0
			0						0
			0						0
Total Cost:	1,200,000	0	1,200,000	700,000	0	700,000	0	700,000	3,300,000



Flying Point Park Improvements

PARKS AND RECREATION

Project Number: P164114
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	150,000	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	0	150,000	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 2/9/22
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	125,000	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	0	125,000	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 2/9/22:
 \$1,791,801

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	550,000		550,000			150,000			700,000
Land Acquisition			0						0
Construction	1,550,000		1,550,000				1,000,000		2,550,000
Inspection Fees	134,000		134,000						134,000
Equipment/Furnishing			0						0
Total Cost:	2,234,000	0	2,234,000	0	0	150,000	1,000,000	0	3,384,000

FUNDING SCHEDULE

R3399 State Other	1,720,000		1,720,000				1,000,000		2,720,000
R1515 Recordation Tax	514,000		514,000			150,000			664,000
			0						0
			0						0
			0						0
Total Cost:	2,234,000	0	2,234,000	0	0	150,000	1,000,000	0	3,384,000



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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	50,000	50,000	50,000	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	0	50,000	50,000	50,000	0	360,000



Heavenly Waters Park - Soma

PARKS AND RECREATION

Project Number: P164116
Council District: B
Location: Benson
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	95,000		95,000		75,000			350,000	520,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost:	200,000	0	200,000	0	75,000	0	0	350,000	625,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
R1515 Recordation Tax	100,000		100,000		75,000			150,000	325,000
R3380 Prog. Open Space			0					200,000	200,000
			0						0
			0						0
Total Cost:	200,000	0	200,000	0	75,000	0	0	350,000	625,000



Norrisville Park

PARKS AND RECREATION

Project Number: P204117
Council District: D
Location: Norrisville
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$147,453



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	125,000		125,000						125,000
Land Acquisition			0						0
Construction	1,250,000		1,250,000	600,000			550,000		2,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,375,000	0	1,375,000	600,000	0	0	550,000	0	2,525,000

FUNDING SCHEDULE

R1515 Recordation Tax	625,000		625,000	600,000			250,000		1,475,000
R3380 Prog. Open Sp.	750,000		750,000				300,000		1,050,000
			0						0
			0						0
			0						0
Total Cost:	1,375,000	0	1,375,000	600,000	0	0	550,000	0	2,525,000



Prospect Mill Park

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 3/22/21:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	250,000		250,000			180,000	180,000		610,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	250,000	0	250,000	0	0	180,000	180,000	0	610,000

FUNDING SCHEDULE

R1515 Recordation Tax	250,000		250,000			100,000	100,000		450,000
R3380 Program Open Space			0			80,000	80,000		160,000
			0						0
			0						0
			0						0
Total Cost:	250,000	0	250,000	0	0	180,000	180,000	0	610,000



Rockfield Park Improvements

PARKS AND RECREATION

Project Number: P124125
Council District: C
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$61,272



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	100,000	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	0	100,000	0	0	370,000



Schucks Road Regional Complex

Project Number: P064137
Council District: E
Location: Churchville
Est. Debt Service: \$63,250 (annual)

Expended/Encumbered as of 3/22/21:
 \$6,038,784



■ Expended/Enc.
 ■ Budget

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

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	550,000	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	0	550,000	8,660,415



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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	5,000		5,000			30,000			35,000
Inspection Fees			0						0
Equipment/Furnishing	35,000		35,000			15,000			50,000
Total Cost:	40,000	0	40,000	0	0	45,000	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	0	45,000	0	0	85,000

OPEN / ACTIVE PROJECTS



Aberdeen Activity Center

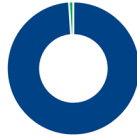
PARKS AND RECREATION

Project Number: P224111
Council District: E
Location: Aberdeen
Est. Debt Service: \$225,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$100,000



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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
			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



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 2/9/22:
 \$575,239



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	190,000		190,000						190,000
Land Acquisition			0						0
Construction	845,000		845,000						845,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost:	1,055,000	0	1,055,000	0	0	0	0	0	1,055,000

FUNDING SCHEDULE

R1515 Recordation Tax	665,000		665,000						665,000
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	0	0	0	0	1,055,000



Benson Field Development

PARKS AND RECREATION

Project Number: P224112
Council District: B
Location: Benson
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

R1515 Recordation Tax	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



Edgewood Recreation and Community Center

PARKS AND RECREATION

Project Number: P134107
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$47,844



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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)

Expended/Encumbered as of 2/9/22:

\$236,546



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 2/9/22:

\$225,000



■ 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 and removed from the
 Capital Improvement Program following completion
 of the audit in July, 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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)

Expended/Encumbered as of 2/9/22:

\$1,123,555



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 2/9/22:
 \$443,015



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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)

Expended/Encumbered as of 2/9/22:

\$117,666



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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)

Expended/Encumbered as of 2/9/22:
 \$525,908



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Perryman Park Development

PARKS AND RECREATION

Project Number: P214113
Council District: F
Location: Perryman
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$99,900



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Engineering is underway.
 FY 23: Construction

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	120,000		120,000						120,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	120,000	0	120,000	0	0	0	0	0	120,000

FUNDING SCHEDULE

R1515 Recordation Tax	120,000		120,000						120,000
R3380 Prog. Open Sp.			0						0
			0						0
			0						0
			0						0
Total Cost:	120,000	0	120,000	0	0	0	0	0	120,000



Robert Copenhaver Park Improvements

PARKS AND RECREATION

Project Number: P144126
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$277,187



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000						270,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost:	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R1515 Recordation Tax	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



Rock Glenn Park

PARKS AND RECREATION

Project Number: P194106
Council District: E
Location: Aberdeen
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$110,526



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Vale Road Park

PARKS AND RECREATION

Project Number: P224117
Council District: B
Location: Bel Air
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$124,645



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Engineering is underway.
 FY 22: Engineering and design
 FY 23: Construction

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	125,000		125,000						125,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	125,000	0	125,000	0	0	0	0	0	125,000

FUNDING SCHEDULE

R1515 Recordation Tax	125,000		125,000						125,000
R3380 Prog. Open Sp.			0						0
			0						0
			0						0
			0						0
Total Cost:	125,000	0	125,000	0	0	0	0	0	125,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - BRIDGES

FY 23 Projects

Abingdon Rd. Bridge #169 CSX	10,230,000	5,230,000	2,500,000	2,500,000	0	0	0	0
Ayres Chapel Road Bridge #116	1,400,000	0	400,000	25,000	0	975,000	0	0
Bridge & Culvert Rehabilitation	12,400,000	6,200,000	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Bridge & Road Scour Repairs	3,725,000	2,225,000	250,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Under 20'	1,310,000	350,000	300,000	0	325,000	0	335,000	0
Boggs Road Bridge #66	1,950,000	300,000	100,000	1,550,000	0	0	0	0
Deep Run Rd Bridge #152	1,375,000	300,000	50,000	0	1,025,000	0	0	0
Glen Cove Road Bridge #155	1,475,912	1,225,912	250,000	0	0	0	0	0
Glenville Rd Bridge #30	2,160,000	510,000	350,000	0	1,300,000	0	0	0
Grier Nursery Rd Bridge #43	5,200,000	600,000	400,000	2,100,000	2,100,000	0	0	0
Scarboro Rd Bridge #140	1,475,000	350,000	25,000	0	0	1,100,000	0	0
Stafford Rd Bridge #24	3,755,000	3,405,000	350,000	0	0	0	0	0
Stafford Rd Bridge #162	1,825,000	0	400,000	400,000	25,000	0	1,000,000	0
Structural Evaluation	820,000	520,000	50,000	50,000	50,000	50,000	50,000	50,000
Trappe Church Rd Bridge #161	2,050,000	500,000	200,000	50,000	0	1,300,000	0	0

Outyear Projects

Bridge Deck Replacements	1,400,000	0	0	0	0	0	400,000	1,000,000
Bridge Inspection Over 20'	8,700,000	3,000,000	0	1,700,000	0	1,900,000	0	2,100,000
Bridge Painting	2,200,000	950,000	0	250,000	250,000	250,000	250,000	250,000
Chestnut Hill Rd Bridge #41	300,000	0	0	0	0	0	0	300,000
Culllum Rd Bridge #112	725,000	0	0	0	0	350,000	350,000	25,000
Edwards Lane Culvert	1,050,000	0	0	0	0	0	1,050,000	0
Fawn Grove Rd Bridge #132	1,785,000	10,000	0	400,000	50,000	0	1,325,000	0
Hess Rd Bridge #81	850,000	0	0	0	0	400,000	400,000	50,000
Hookers Mill Rd Bridge #13	3,250,000	600,000	0	0	2,650,000	0	0	0
Kalmia Rd Bridge #223	725,000	0	0	0	0	0	350,000	375,000
Lake Fanny Rd Bridge #211	425,000	0	0	0	0	0	400,000	25,000
Madonna Rd Bridge #113	3,250,000	600,000	0	0	0	2,650,000	0	0
Moore's Rd Bridge #78	2,500,000	0	0	400,000	400,000	50,000	1,650,000	0
Rush Rd Bridge #97	1,425,000	0	0	0	400,000	25,000	0	1,000,000
St. Clair Rd Bridge #100	2,725,000	0	0	0	400,000	400,000	25,000	1,900,000
Stafford Rd Bridge #19	350,000	0	0	0	0	0	0	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
Johnson Mill Rd Bridge #45	1,450,000	1,450,000	0	0	0	0	0	0
Phillips Mill Rd Bridge #70	3,550,000	3,550,000	0	0	0	0	0	0

BRIDGES BY PROJECT	92,725,912	36,790,912	6,825,000	10,675,000	10,225,000	10,700,000	8,835,000	8,675,000
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Paygo	27,199,762	13,189,762	600,000	3,250,000	1,875,000	3,450,000	2,285,000	2,550,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0
Future Bonds	17,265,000	0	2,865,000	3,105,000	2,870,000	3,170,000	3,550,000	1,705,000
Prior Bonds	7,968,912	7,968,912	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	40,223,000	15,563,000	3,360,000	4,320,000	5,480,000	4,080,000	3,000,000	4,420,000
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	92,725,912	36,790,912	6,825,000	10,675,000	10,225,000	10,700,000	8,835,000	8,675,000
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - ROADWAYS

FY 23 Projects

Curb, Sidewalks, Handicap Ramp	2,400,000	0	400,000	400,000	400,000	400,000	400,000	400,000
Drainage Improvements	2,675,000	1,775,000	150,000	150,000	150,000	150,000	150,000	150,000
Guardrails	2,190,000	1,315,000	125,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	7,066,728	4,666,728	400,000	400,000	400,000	400,000	400,000	400,000
Stormdrain Rehabilitation	3,241,231	2,041,231	200,000	200,000	200,000	200,000	200,000	200,000
Streetlights	300,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Traffic Calming/Bicycle/Road Saf.	1,700,000	800,000	150,000	150,000	150,000	150,000	150,000	150,000
Traffic Signals	1,354,601	544,601	135,000	135,000	135,000	135,000	135,000	135,000
Trimble Rd (Joppa to Garnett)	2,425,000	25,000	50,000	200,000	0	50,000	0	2,100,000
Woodley Road Extension MD 715	12,250,000	7,250,000	5,000,000	0				

Outyear Projects

Carrs Mill Rd (MD152-Grafton Sh.)	200,000	0	0	100,000	100,000	0	0	0
New Roads & Stormdrains	4,025,000	3,025,000	0	200,000	200,000	200,000	200,000	200,000
Perryman Access - Mitchell Lane	2,000,000	0	0	0	0	0	1,000,000	1,000,000
Tollgate Rd/Vale Rd Corridor	1,775,000	200,000	0	450,000	200,000	0	925,000	0

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
Spesutia Rd Reconst/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Tollgate/W Ring Factory/Plumtree	7,423,439	7,423,439	0	0	0	0	0	0
Village of Scots Fancy Starmount	750,000	750,000	0	0	0	0	0	0
Washington Court Access Road	2,150,000	2,150,000	0	0	0	0	0	0

ROADWAYS BY PROJECT	70,535,087	48,575,087	6,660,000	2,585,000	2,135,000	1,885,000	3,760,000	4,935,000
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Paygo	18,975,072	14,690,072	610,000	735,000	735,000	735,000	735,000	735,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
Future Bonds	17,175,000	0	6,050,000	1,750,000	1,300,000	1,050,000	2,925,000	4,100,000
Prior Bonds	22,095,975	22,095,975	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	5,396,000	4,896,000	0	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	70,535,087	48,575,087	6,660,000	2,585,000	2,135,000	1,885,000	3,760,000	4,935,000
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HIGHWAYS - RESURFACING

FY 23 Projects

Highways Infra. Investment	0	10,000,000	(10,000,000)	0	0	0	0	0
Resurfacing Roadways	94,322,870	36,697,870	8,000,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000

RESURFACING BY PROJECT	94,322,870	46,697,870	(2,000,000)	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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Paygo	93,322,870	36,697,870	7,000,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	873,825	0	873,825	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	10,000,000	(10,000,000)	0	0	0	0	0
Developer/Other	126,175	0	126,175	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

RESURFACING BY FUND	94,322,870	46,697,870	(2,000,000)	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - MISCELLANEOUS

FY 23 Projects

APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Efficiency Capital Investment	405,000	380,000	25,000	0	0	0	0	0
Fleet Replacement	33,192,000	18,192,000	2,000,000	2,400,000	2,500,000	2,600,000	2,700,000	2,800,000
Highways Facilities Repair	2,027,000	1,427,000	100,000	100,000	100,000	100,000	100,000	100,000
Norrisville Hwys Facility	4,200,000	1,500,000	2,700,000	0	0	0	0	0
Refresh Program	1,040,500	740,500	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Ops	4,162,450	3,712,450	75,000	75,000	75,000	75,000	75,000	75,000

Open Projects

Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0
HMAN	930,000	930,000	0	0	0	0	0	0
Lease Asset	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	59,532,250	40,457,250	4,950,000	2,625,000	2,725,000	2,825,000	2,925,000	3,025,000
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Paygo	44,282,708	28,266,708	2,391,000	2,525,000	2,625,000	2,725,000	2,825,000	2,925,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	3,200,000	0	2,700,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	9,166,000	9,166,000	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	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	560,592	(141,000)	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	2,000,000	2,000,000	0	0	0	0	0	0

MISCELLANEOUS BY FUND	59,532,250	40,457,250	4,950,000	2,625,000	2,725,000	2,825,000	2,925,000	3,025,000
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TOTAL HIGHWAYS FUND	317,116,119	172,521,119	16,435,000	25,410,000	24,810,000	25,335,000	25,645,000	26,960,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - BRIDGES											
Abingdon Rd Bridge #169 over CSX	2,500,000	0	0	0	500,000	0	0	0	0	2,000,000	0
Ayres Chapel Rd Bridge #116	400,000	0	0	0	400,000	0	0	0	0	0	0
Bridge & Culvert Rehabilitation	1,200,000	0	0	0	1,200,000	0	0	0	0	0	0
Bridge & Road Scour Repair	250,000	0	250,000	0	0	0	0	0	0	0	0
Bridge Inspection Under 20' Spans	300,000	0	300,000	0	0	0	0	0	0	0	0
Boggs Road Bridge #66	100,000	0	0	0	100,000	0	0	0	0	0	0
Deep Run Road Bridge #152	50,000	0	0	0	50,000	0	0	0	0	0	0
Glen Cove Road Bridge #155	250,000	0	0	0	250,000	0	0	0	0	0	0
Glenville Road Bridge #30	350,000	0	0	0	70,000	0	0	0	0	280,000	0
Grier Nursery Road Bridge #43	400,000	0	0	0	80,000	0	0	0	0	320,000	0
Scarboro Road Bridge #140	25,000	0	0	0	25,000	0	0	0	0	0	0
Stafford Road Bridge #24	350,000	0	0	0	70,000	0	0	0	0	280,000	0
Stafford Road Bridge #162	400,000	0	0	0	80,000	0	0	0	0	320,000	0
Structural Evaluation	50,000	0	50,000	0	0	0	0	0	0	0	0
Trappe Church Rd Bridge #161	200,000	0	0	0	40,000	0	0	0	0	160,000	0
SUB-TOTAL BRIDGES	6,825,000	0	600,000	0	2,865,000	0	0	0	0	3,360,000	0

FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - ROADWAYS											
Curbs/Sidewalks/Handicap Ramps	400,000	0	0	0	400,000	0	0	0	0	0	0
Drainage Improvements	150,000	0	150,000	0	0	0	0	0	0	0	0
Guardrails	125,000	0	125,000	0	0	0	0	0	0	0	0
Intersection Improvements	400,000	0	0	0	400,000	0	0	0	0	0	0
Stormdrain Rehabilitation	200,000	0	0	0	200,000	0	0	0	0	0	0
Streetlights	50,000	0	50,000	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle/Road Saf.	150,000	0	150,000	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0
Trimble Rd (Joppa to Garnett)	50,000	0	0	0	50,000	0	0	0	0	0	0
Woodley Road	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	6,660,000	0	610,000	0	6,050,000	0	0	0	0	0	0
HIGHWAYS - RESURFACING											
Highways Infrastructure Improve.	(10,000,000)	0	0	0	0	0	0	0	0	(10,000,000)	0
Resurfacing Roadways	8,000,000	0	7,000,000	0	0	873,825	0	0	0	0	126,175
SUB-TOTAL RESURFACING	(2,000,000)	0	7,000,000	0	0	873,825	0	0	0	(10,000,000)	126,175
HIGHWAYS - OTHER											
APG Gate Pilot	0	0	141,000	0	0	0	0	0	0	0	(141,000)
Efficiency Capital Investments	25,000	0	25,000	0	0	0	0	0	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0
Highways Facility Repair Program	100,000	0	100,000	0	0	0	0	0	0	0	0
Norrisville Hwys Facility	2,700,000	0	0	0	2,700,000	0	0	0	0	0	0
Refresh Program	50,000	0	50,000	0	0	0	0	0	0	0	0
Safeguarding Business Ops	75,000	0	75,000	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	4,950,000	0	2,391,000	0	2,700,000	0	0	0	0	0	(141,000)
TOTAL HIGHWAYS FUND	16,435,000	0	10,601,000	0	11,615,000	873,825	0	0	0	(6,640,000)	(14,825)

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - BRIDGES

FY 23 Projects

Abingdon Rd. Bridge #169 CSX	10,230,000	5,230,000	2,500,000	2,500,000	0	0	0	0
Ayres Chapel Road Bridge #116	1,400,000	0	400,000	25,000	0	975,000	0	0
Bridge & Culvert Rehabilitation	12,400,000	6,200,000	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Bridge & Road Scour Repairs	3,725,000	2,225,000	250,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Under 20'	1,310,000	350,000	300,000	0	325,000	0	335,000	0
Boggs Road Bridge #66	1,950,000	300,000	100,000	1,550,000	0	0	0	0
Deep Run Rd Bridge #152	1,375,000	300,000	50,000	0	1,025,000	0	0	0
Glen Cove Road Bridge #155	1,475,912	1,225,912	250,000	0	0	0	0	0
Glenville Rd Bridge #30	2,160,000	510,000	350,000	0	1,300,000	0	0	0
Grier Nursery Rd Bridge #43	5,200,000	600,000	400,000	2,100,000	2,100,000	0	0	0
Scarboro Rd Bridge #140	1,475,000	350,000	25,000	0	0	1,100,000	0	0
Stafford Rd Bridge #24	3,755,000	3,405,000	350,000	0	0	0	0	0
Stafford Rd Bridge #162	1,825,000	0	400,000	400,000	25,000	0	1,000,000	0
Structural Evaluation	820,000	520,000	50,000	50,000	50,000	50,000	50,000	50,000
Trappe Church Rd Bridge #161	2,050,000	500,000	200,000	50,000	0	1,300,000	0	0

Outyear Projects

Bridge Deck Replacements	1,400,000	0	0	0	0	0	400,000	1,000,000
Bridge Inspection Over 20'	8,700,000	3,000,000	0	1,700,000	0	1,900,000	0	2,100,000
Bridge Painting	2,200,000	950,000	0	250,000	250,000	250,000	250,000	250,000
Chestnut Hill Rd Bridge #41	300,000	0	0	0	0	0	0	300,000
Culllum Rd Bridge #112	725,000	0	0	0	0	350,000	350,000	25,000
Edwards Lane Culvert	1,050,000	0	0	0	0	0	1,050,000	0
Fawn Grove Rd Bridge #132	1,785,000	10,000	0	400,000	50,000	0	1,325,000	0
Hess Rd Bridge #81	850,000	0	0	0	0	400,000	400,000	50,000
Hookers Mill Rd Bridge #13	3,250,000	600,000	0	0	2,650,000	0	0	0
Kalmia Rd Bridge #223	725,000	0	0	0	0	0	350,000	375,000
Lake Fanny Rd Bridge #211	425,000	0	0	0	0	0	400,000	25,000
Madonna Rd Bridge #113	3,250,000	600,000	0	0	0	2,650,000	0	0
Moore's Rd Bridge #78	2,500,000	0	0	400,000	400,000	50,000	1,650,000	0
Rush Rd Bridge #97	1,425,000	0	0	0	400,000	25,000	0	1,000,000
St. Clair Rd Bridge #100	2,725,000	0	0	0	400,000	400,000	25,000	1,900,000
Stafford Rd Bridge #19	350,000	0	0	0	0	0	0	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
Johnson Mill Rd Bridge #45	1,450,000	1,450,000	0	0	0	0	0	0
Phillips Mill Rd Bridge #70	3,550,000	3,550,000	0	0	0	0	0	0

BRIDGES BY PROJECT	92,725,912	36,790,912	6,825,000	10,675,000	10,225,000	10,700,000	8,835,000	8,675,000
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Paygo	27,199,762	13,189,762	600,000	3,250,000	1,875,000	3,450,000	2,285,000	2,550,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0
Future Bonds	17,265,000	0	2,865,000	3,105,000	2,870,000	3,170,000	3,550,000	1,705,000
Prior Bonds	7,968,912	7,968,912	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	40,223,000	15,563,000	3,360,000	4,320,000	5,480,000	4,080,000	3,000,000	4,420,000
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	92,725,912	36,790,912	6,825,000	10,675,000	10,225,000	10,700,000	8,835,000	8,675,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - BRIDGES											
Abingdon Rd Bridge #169 over CSX	2,500,000	0	0	0	500,000	0	0	0	0	2,000,000	0
Ayres Chapel Rd Bridge #116	400,000	0	0	0	400,000	0	0	0	0	0	0
Bridge & Culvert Rehabilitation	1,200,000	0	0	0	1,200,000	0	0	0	0	0	0
Bridge & Road Scour Repair	250,000	0	250,000	0	0	0	0	0	0	0	0
Bridge Inspection Under 20' Spans	300,000	0	300,000	0	0	0	0	0	0	0	0
Boggs Road Bridge #66	100,000	0	0	0	100,000	0	0	0	0	0	0
Deep Run Road Bridge #152	50,000	0	0	0	50,000	0	0	0	0	0	0
Glen Cove Road Bridge #155	250,000	0	0	0	250,000	0	0	0	0	0	0
Glenville Road Bridge #30	350,000	0	0	0	70,000	0	0	0	0	280,000	0
Grier Nursery Road Bridge #43	400,000	0	0	0	80,000	0	0	0	0	320,000	0
Scarboro Road Bridge #140	25,000	0	0	0	25,000	0	0	0	0	0	0
Stafford Road Bridge #24	350,000	0	0	0	70,000	0	0	0	0	280,000	0
Stafford Road Bridge #162	400,000	0	0	0	80,000	0	0	0	0	320,000	0
Structural Evaluation	50,000	0	50,000	0	0	0	0	0	0	0	0
Trappe Church Rd Bridge #161	200,000	0	0	0	40,000	0	0	0	0	160,000	0
SUB-TOTAL BRIDGES	6,825,000	0	600,000	0	2,865,000	0	0	0	0	3,360,000	0



Abingdon Road Bridge #169 over CSX

HIGHWAYS - BRIDGES

Project Number: H104501
Council District: F
Location: Abingdon
Est. Debt Service: \$23,250 (annual)

Expended/Encumbered as of 2/9/22:

\$894,620



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is approximately 40% complete; FY 22-24 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	820,000		820,000						820,000
Land Acquisition	360,000		360,000						360,000
Construction	3,950,000	2,400,000	6,350,000	2,400,000					8,750,000
Inspection Fees	100,000	100,000	200,000	100,000					300,000
Equipment/Furnishing			0						0
Total Cost:	5,230,000	2,500,000	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	3,990,000	2,000,000	5,990,000	2,000,000					7,990,000
R7100 Prior Bonds	930,000		930,000	500,000					1,430,000
R8770 Reappropriated	69,238		69,238						69,238
R7000 Future Bonds		500,000	500,000						500,000
Total Cost:	5,230,000	2,500,000	7,730,000	2,500,000	0	0	0	0	10,230,000



Ayres Chapel Road Bridge #116

HIGHWAYS - BRIDGES

Project Number: H234501
Council District: D
Location: Fallston
Est. Debt Service: \$10,000 (annual)

Expended/Encumbered as of 2/9/22:

\$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 25: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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			75,000			75,000
Equipment/Furnishing			0						0
Total Cost:	0	400,000	400,000	25,000	0	975,000	0	0	1,400,000

FUNDING SCHEDULE

R7000 Future Bonds		400,000	400,000	25,000		975,000			1,400,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	400,000	400,000	25,000	0	975,000	0	0	1,400,000



Bridge and Culvert Rehabilitation

HIGHWAYS - BRIDGES

Project Number: H054502
Council District: Multiple
Location: Various
Est. Debt Service: \$51,250 (annual)

Expended/Encumbered as of 2/9/22:
 \$3,094,797



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 21: Construction on Linkous #133, Troyer #103
 FY 22: Repairs to Red Bridge #110 & various other improvements
 FY 23: Repairs to Jolly Acres Rd Bridge #36, Knopp Rd Bridge #96

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	1,195,000	125,000	1,320,000	125,000	125,000	125,000	125,000	125,000	1,945,000
Land Acquisition			0						0
Construction	4,475,000	1,000,000	5,475,000	800,000	800,000	800,000	800,000	800,000	9,475,000
Inspection Fees	530,000	75,000	605,000	75,000	75,000	75,000	75,000	75,000	980,000
Equipment/Furnishing			0						0
Total Cost:	6,200,000	1,200,000	7,400,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	12,400,000

FUNDING SCHEDULE

R8750 Paygo	5,350,000		5,350,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,350,000
R7100 Prior Bonds	850,000		850,000						850,000
R7000 Future Bonds		1,200,000	1,200,000						1,200,000
			0						0
			0						0
Total Cost:	6,200,000	1,200,000	7,400,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	12,400,000



Bridge and Road Scour Repairs

HIGHWAYS - BRIDGES

Project Number: H064501
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$1,721,258



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: x

Project Schedule/Status:

FY 22: Rock Station Road
 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	175,000	30,000	205,000	30,000	30,000	30,000	30,000	30,000	355,000
Land Acquisition	5,000		5,000						5,000
Construction	1,880,000	200,000	2,080,000	200,000	200,000	200,000	200,000	200,000	3,080,000
Inspection Fees	165,000	20,000	185,000	20,000	20,000	20,000	20,000	20,000	285,000
Equipment/Furnishing			0						0
Total Cost:	2,225,000	250,000	2,475,000	250,000	250,000	250,000	250,000	250,000	3,725,000

FUNDING SCHEDULE

R8750 Paygo	2,225,000	250,000	2,475,000	250,000	250,000	250,000	250,000	250,000	3,725,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,225,000	250,000	2,475,000	250,000	250,000	250,000	250,000	250,000	3,725,000



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 2/9/22:

\$133,261



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 21: Biennial inspection of all bridges under 20'
 FY 22: Inspection of bridges under 20' that require annual inspections
 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 65 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction		300,000	300,000		325,000		335,000		960,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	350,000	300,000	650,000	0	325,000	0	335,000	0	1,310,000

FUNDING SCHEDULE

R8750 Paygo	350,000	300,000	650,000		325,000		335,000		1,310,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	350,000	300,000	650,000	0	325,000	0	335,000	0	1,310,000



Boggs Road Bridge #66

HIGHWAYS - BRIDGES

Project Number: H214501
Council District: B
Location: Fallston
Est. Debt Service: \$10,000 (annual)

Expended/Encumbered as of 2/9/22:

\$255,651



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: x

Project Schedule/Status:

FY 21: Design is 30% complete.
 FY 22-23: Design/right of way/permits
 FY 24: 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	280,000	100,000	380,000						380,000
Land Acquisition	20,000		20,000						20,000
Construction			0	1,400,000					1,400,000
Inspection Fees			0	150,000					150,000
Equipment/Furnishing			0						0
Total Cost:	300,000	100,000	400,000	1,550,000	0	0	0	0	1,950,000

FUNDING SCHEDULE

R7000 Future Bonds		100,000	100,000	1,550,000					1,650,000
R7100 Prior Bonds	300,000		300,000						300,000
			0						0
			0						0
			0						0
Total Cost:	300,000	100,000	400,000	1,550,000	0	0	0	0	1,950,000



Deep Run Road Bridge #152

HIGHWAYS - BRIDGES

Project Number: H214503
Council District: D
Location: Whiteford
Est. Debt Service: \$8,750 (annual)

Expended/Encumbered as of 2/9/22:

\$255,361



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22-23: Right of way and permits
 FY 25: Construction
 Design is 45% 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	280,000		280,000						280,000
Land Acquisition	20,000	10,000	30,000						30,000
Construction		40,000	40,000		950,000				990,000
Inspection Fees			0		75,000				75,000
Equipment/Furnishing			0						0
Total Cost:	300,000	50,000	350,000	0	1,025,000	0	0	0	1,375,000

FUNDING SCHEDULE

R7000 Future Bonds		50,000	50,000		1,025,000				1,075,000
R7100 Prior Bonds	300,000		300,000						300,000
			0						0
			0						0
			0						0
Total Cost:	300,000	50,000	350,000	0	1,025,000	0	0	0	1,375,000



Glen Cove Road Bridge #155

HIGHWAYS - BRIDGES

Project Number: H214504
Council District: D
Location: Dublin
Est. Debt Service: \$36,898 (annual)

Expended/Encumbered as of 2/9/22:

\$87,346



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 19: Design through on-call consultants
 FY 21/22: Construction

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. The new bridge is under design through the County's on-call structural services contract.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition	50,000		50,000						50,000
Construction	1,100,912	250,000	1,350,912						1,350,912
Inspection Fees	75,000		75,000						75,000
Equipment/Furnishing			0						0
Total Cost:	1,225,912	250,000	1,475,912	0	0	0	0	0	1,475,912

FUNDING SCHEDULE

R7100 Prior Bonds	1,225,912		1,225,912						1,225,912
R7000 Future Bonds		250,000	250,000						250,000
			0						0
			0						0
			0						0
Total Cost:	1,225,912	250,000	1,475,912	0	0	0	0	0	1,475,912



Glenville Road Bridge #30

HIGHWAYS - BRIDGES

Project Number: H164501
Council District: Multiple
Location: Churchville
Est. Debt Service: \$3,250 (annual)

Expended/Encumbered as of 2/9/22:

\$159,660



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	460,000	350,000	810,000						810,000
Land Acquisition	50,000		50,000						50,000
Construction			0		1,225,000				1,225,000
Inspection Fees			0		75,000				75,000
Equipment/Furnishing			0						0
Total Cost:	510,000	350,000	860,000	0	1,300,000	0	0	0	2,160,000

FUNDING SCHEDULE

R8750 Paygo	150,000		150,000						150,000
R3140 Federal TAP	300,000	280,000	580,000		1,040,000				1,620,000
R7000 Future Bonds		70,000	70,000		260,000				330,000
R7100 Prior Bonds	60,000		60,000						60,000
			0						0
Total Cost:	510,000	350,000	860,000	0	1,300,000	0	0	0	2,160,000



Grier Nursery Road Bridge #43

HIGHWAYS - BRIDGES

Project Number: H204520
Council District: D
Location: Norrisville
Est. Debt Service: \$3,500 (annual)

Expended/Encumbered as of 2/9/22:

\$233,524



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	550,000	400,000	950,000						950,000
Land Acquisition	50,000		50,000						50,000
Construction			0	2,000,000	2,000,000				4,000,000
Inspection Fees			0	100,000	100,000				200,000
Equipment/Furnishing			0						0
Total Cost:	600,000	400,000	1,000,000	2,100,000	2,100,000	0	0	0	5,200,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
R3140 Federal TAP	440,000	320,000	760,000	1,680,000	1,680,000				4,120,000
R7100 Prior Bonds	60,000		60,000						60,000
R7000 Future Bonds		80,000	80,000	420,000	420,000				920,000
			0						0
Total Cost:	600,000	400,000	1,000,000	2,100,000	2,100,000	0	0	0	5,200,000



Scarboro Road Bridge #140

HIGHWAYS - BRIDGES

Project Number: H224502
Council District: D
Location: Scarboro
Est. Debt Service: \$9,375 (annual)

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	350,000		350,000						350,000
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:	350,000	25,000	375,000	0	0	1,100,000	0	0	1,475,000

FUNDING SCHEDULE

R7000 Future Bonds		25,000	25,000			1,100,000			1,125,000
R7100 Prior Bonds	350,000		350,000						350,000
			0						0
			0						0
			0						0
Total Cost:	350,000	25,000	375,000	0	0	1,100,000	0	0	1,475,000



Stafford Road Bridge #24

HIGHWAYS - BRIDGES

Project Number: H154502
Council District: D
Location: Darlington
Est. Debt Service: \$20,875 (annual)

Expended/Encumbered as of 2/9/22:

\$459,307



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is 95% complete and construction is planned for FY 23. Steel prices have doubled and concrete costs have risen 10%, and this is a steel beam bridge. The FY 23 funding request is due to the rise in supply costs.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	405,000		405,000						405,000
Land Acquisition			0						0
Construction	2,900,000	350,000	3,250,000						3,250,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost:	3,405,000	350,000	3,755,000	0	0	0	0	0	3,755,000

FUNDING SCHEDULE

R8750 Paygo	40,000		40,000						40,000
R3140 Federal TAP	2,600,000	280,000	2,880,000						2,880,000
R7100 Prior Bonds	765,000		765,000						765,000
R7000 Future Bonds		70,000	70,000						70,000
			0						0
Total Cost:	3,405,000	350,000	3,755,000	0	0	0	0	0	3,755,000



Stafford Road Bridge #162

HIGHWAYS - BRIDGES

Project Number: H234504
Council District: D
Location: Darlington
Est. Debt Service: \$2,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 23-24: Design
 FY 25: Right of way/permits
 FY 27: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		400,000	400,000	400,000					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:	0	400,000	400,000	400,000	25,000	0	1,000,000	0	1,825,000

FUNDING SCHEDULE

R3140 Federal TAP		320,000	320,000	320,000			800,000		1,440,000
R7000 Future Bonds		80,000	80,000	80,000	25,000		200,000		385,000
			0						0
			0						0
			0						0
Total Cost:	0	400,000	400,000	400,000	25,000	0	1,000,000	0	1,825,000



Structural Evaluation

HIGHWAYS - BRIDGES

Project Number: H974515
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$442,791



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	520,000	50,000	570,000	50,000	50,000	50,000	50,000	50,000	820,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	520,000	50,000	570,000	50,000	50,000	50,000	50,000	50,000	820,000

FUNDING SCHEDULE

R8750 Paygo	520,000	50,000	570,000	50,000	50,000	50,000	50,000	50,000	820,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	520,000	50,000	570,000	50,000	50,000	50,000	50,000	50,000	820,000



Trappe Church Road Bridge #161

HIGHWAYS - BRIDGES

Project Number: H224503
Council District: E
Location: Darlington
Est. Debt Service: \$3,500 (annual)

Expended/Encumbered as of 2/9/22:

\$0



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 26: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	500,000	200,000	700,000						700,000
Land Acquisition			0	50,000					50,000
Construction			0			1,200,000			1,200,000
Inspection Fees			0			100,000			100,000
Equipment/Furnishing			0						0
Total Cost:	500,000	200,000	700,000	50,000	0	1,300,000	0	0	2,050,000

FUNDING SCHEDULE

R3140 Federal TAP	400,000	160,000	560,000			1,040,000			1,600,000
R7000 Future Bonds		40,000	40,000	50,000		260,000			350,000
R7100 Prior Bonds	100,000		100,000						100,000
			0						0
			0						0
Total Cost:	500,000	200,000	700,000	50,000	0	1,300,000	0	0	2,050,000

OUTYEAR PROJECTS

FY 24 - FY 28



Bridge Deck Replacements

HIGHWAYS - BRIDGES

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

Expended/Encumbered as of 2/9/22:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 27: Design
FY 28: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 - Over 20' Spans

HIGHWAYS - BRIDGES

Project Number: H184501
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,886,360



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 23: Annual Analysis of Older Structures
 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 being 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	3,000,000		3,000,000						3,000,000
Land Acquisition			0						0
Construction			0	1,700,000		1,900,000		2,100,000	5,700,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,000,000	0	3,000,000	1,700,000	0	1,900,000	0	2,100,000	8,700,000

FUNDING SCHEDULE

R3140 Federal TEA-21	2,900,000		2,900,000	1,700,000		1,900,000		2,100,000	8,600,000
R8750 Paygo	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Cost:	3,000,000	0	3,000,000	1,700,000	0	1,900,000	0	2,100,000	8,700,000



Bridge Painting

HIGHWAYS - BRIDGES

Project Number: H144501
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$499,508



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Estimated 7-10 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	25,000		25,000	10,000	10,000	10,000	10,000	10,000	75,000
Land Acquisition			0						0
Construction	845,000		845,000	220,000	220,000	220,000	220,000	220,000	1,945,000
Inspection Fees	80,000		80,000	20,000	20,000	20,000	20,000	20,000	180,000
Equipment/Furnishing			0						0
Total Cost:	950,000	0	950,000	250,000	250,000	250,000	250,000	250,000	2,200,000

FUNDING SCHEDULE

R8750 Paygo	950,000		950,000	250,000	250,000	250,000	250,000	250,000	2,200,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	950,000	0	950,000	250,000	250,000	250,000	250,000	250,000	2,200,000



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 2/9/22:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:
FY 28: Design

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0					300,000	300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	0	0	300,000	300,000

FUNDING SCHEDULE

R3140 Federal TAP			0					240,000	240,000
R7000 Future Bonds			0					60,000	60,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	0	300,000	300,000



Cullum Road Bridge #112

HIGHWAYS - BRIDGES

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

Expended/Encumbered as of 2/9/22:
 \$0

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

Project Schedule/Status:

FY 26-27: Design
 FY 28: Right of Way

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	350,000	350,000	25,000	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	0	350,000	350,000	25,000	725,000



Edwards Lane Culvert

HIGHWAYS - BRIDGES

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

Expended/Encumbered as of 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	1,050,000	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	0	1,050,000	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 2/9/22:

\$5,467



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 24: Design
FY 25: Right of way and permits
FY 27: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Hess Road Bridge #81

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

Expended/Encumbered as of 2/9/22:
\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	400,000	400,000	50,000	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	0	400,000	400,000	50,000	850,000



Hookers Mill Road Bridge #13

HIGHWAYS - BRIDGES

Project Number: H224501
Council District: F
Location: Abingdon
Est. Debt Service: \$4,000 (annual)

Expended/Encumbered as of 2/9/22:

\$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 25: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	2,650,000	0	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	2,650,000	0	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 2/9/22:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

FY 27-28: Design
FY 28: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	0	350,000	375,000	725,000

FUNDING SCHEDULE

R3140 Federal TAP			0				280,000	280,000	560,000
R7000 Future Bonds			0				70,000	95,000	165,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	0	350,000	375,000	725,000



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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	400,000	25,000	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	0	400,000	25,000	425,000



Madonna Road Bridge #113

HIGHWAYS - BRIDGES

Project Number: H214505
Council District: D
Location: Madonna
Est. Debt Service: \$4,000 (annual)

Expended/Encumbered as of 2/9/22:

\$11,616



■ 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 26: Construction

PROJECT DESCRIPTION:

This project is to replace the entire bridge that carries Madonna Road over Bynum Run. 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Moores Road Bridge #78

HIGHWAYS - BRIDGES

Project Number: New
Council District: B
Location: Upper Crossroads
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$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 27: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0	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	0	0	400,000	400,000	50,000	1,650,000	0	2,500,000

FUNDING SCHEDULE

R3140 Federal TAP			0	320,000	320,000		1,320,000		1,960,000
R7000 Future Bonds			0	80,000	80,000	50,000	330,000		540,000
			0						0
			0						0
			0						0
Total Cost:	0	0	0	400,000	400,000	50,000	1,650,000	0	2,500,000



Rush Road Bridge #97

HIGHWAYS - BRIDGES

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

Expended/Encumbered as of 2/9/22:
\$0

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

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0		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	0	0	0	400,000	25,000	0	1,000,000	1,425,000

FUNDING SCHEDULE

R7000 Future Bonds			0		400,000	25,000		1,000,000	1,425,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	400,000	25,000	0	1,000,000	1,425,000



St. Clair Road Bridge #100

HIGHWAYS - BRIDGES

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

Expended/Encumbered as of 2/9/22:
 \$0

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

Project Schedule/Status:

FY 25-26: Design
 FY 27: Right of way
 FY 28: Construction

Expended/Enc. Budget

PROJECT DESCRIPTION:

This project is to replace the deck for the bridge that carries St. Clair 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	400,000	400,000	25,000	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	0	400,000	400,000	25,000	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 2/9/22:
\$0

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:
FY 28: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

OPEN / ACTIVE PROJECTS



Bridge Rehabilitation

HIGHWAYS - BRIDGES

Project Number: H054502
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$3,094,797



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 21: Construction on Linkous #133, Troyer #103, Bailey Bridge #91
 FY 22: Repairs to Red Bridge #110 and various other improvements

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$12,700 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$1,740,212

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Johnson Mill Road Bridge #45

HIGHWAYS - BRIDGES

Project Number: H174502
Council District: D
Location: Hickory
Est. Debt Service: \$36,250 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$218,824

Project Schedule/Status:



■ Expended/Enc.
 ■ Budget

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	250,000		250,000						250,000
Land Acquisition	25,000		25,000						25,000
Construction	1,075,000		1,075,000						1,075,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost:	1,450,000	0	1,450,000	0	0	0	0	0	1,450,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,450,000	0	1,450,000	0	0	0	0	0	1,450,000



Phillips Mill Road Bridge #70

HIGHWAYS - BRIDGES

Project Number: H114502
Council District: B
Location: Forest Hill
Est. Debt Service: \$18,750 (annual)

Expended/Encumbered as of 2/9/22:

\$3,003,538



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 19: Utilities
 FY 20: Construction

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - ROADWAYS

FY 23 Projects

Curb, Sidewalks, Handicap Ramp	2,400,000	0	400,000	400,000	400,000	400,000	400,000	400,000
Drainage Improvements	2,675,000	1,775,000	150,000	150,000	150,000	150,000	150,000	150,000
Guardrails	2,190,000	1,315,000	125,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	7,066,728	4,666,728	400,000	400,000	400,000	400,000	400,000	400,000
Stormdrain Rehabilitation	3,241,231	2,041,231	200,000	200,000	200,000	200,000	200,000	200,000
Streetlights	300,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Traffic Calming/Bicycle/Road Saf.	1,700,000	800,000	150,000	150,000	150,000	150,000	150,000	150,000
Traffic Signals	1,354,601	544,601	135,000	135,000	135,000	135,000	135,000	135,000
Trimble Rd (Joppa to Garnett)	2,425,000	25,000	50,000	200,000	0	50,000	0	2,100,000
Woodley Road Extension MD 715	12,250,000	7,250,000	5,000,000	0				

Outyear Projects

Carrs Mill Rd (MD152-Grafton Sh.)	200,000	0	0	100,000	100,000	0	0	0
New Roads & Stormdrains	4,025,000	3,025,000	0	200,000	200,000	200,000	200,000	200,000
Perryman Access - Mitchell Lane	2,000,000	0	0	0	0	0	1,000,000	1,000,000
Tollgate Rd/Vale Rd Corridor	1,775,000	200,000	0	450,000	200,000	0	925,000	0

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
Spesutia Rd Reconst/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Tollgate/W Ring Factory/Plumtree	7,423,439	7,423,439	0	0	0	0	0	0
Village of Scots Fancy Starmount	750,000	750,000	0	0	0	0	0	0
Washington Court Access Road	2,150,000	2,150,000	0	0	0	0	0	0

ROADWAYS BY PROJECT	70,535,087	48,575,087	6,660,000	2,585,000	2,135,000	1,885,000	3,760,000	4,935,000
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Paygo	18,975,072	14,690,072	610,000	735,000	735,000	735,000	735,000	735,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
Future Bonds	17,175,000	0	6,050,000	1,750,000	1,300,000	1,050,000	2,925,000	4,100,000
Prior Bonds	22,095,975	22,095,975	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	5,396,000	4,896,000	0	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	70,535,087	48,575,087	6,660,000	2,585,000	2,135,000	1,885,000	3,760,000	4,935,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - ROADWAYS											
Curbs/Sidewalks/Handicap Ramps	400,000	0	0	0	400,000	0	0	0	0	0	0
Drainage Improvements	150,000	0	150,000	0	0	0	0	0	0	0	0
Guardrails	125,000	0	125,000	0	0	0	0	0	0	0	0
Intersection Improvements	400,000	0	0	0	400,000	0	0	0	0	0	0
Stormdrain Rehabilitation	200,000	0	0	0	200,000	0	0	0	0	0	0
Streetlights	50,000	0	50,000	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle/Road Saf.	150,000	0	150,000	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0
Trimble Rd (Joppa to Garnett)	50,000	0	0	0	50,000	0	0	0	0	0	0
Woodley Road	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	6,660,000	0	610,000	0	6,050,000	0	0	0	0	0	0



Curb, Sidewalks, and Handicap Ramp Replacement

HIGHWAYS - ROADS

Project Number: H234502
 Council District: Multiple
 Location: Various
 Est. Debt Service: \$10,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		15,000	15,000	15,000	15,000	15,000	15,000	15,000	90,000
Land Acquisition		5,000	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Construction		350,000	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000
Inspection Fees		30,000	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Equipment/Furnishing			0						0
Total Cost:	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000

FUNDING SCHEDULE

R7000 Future Bonds		400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000



Drainage Improvements

HIGHWAYS - ROADS

Project Number: H064506
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,733,961



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	110,000	20,000	130,000	20,000	20,000	20,000	20,000	20,000	230,000
Land Acquisition	22,250		22,250						22,250
Construction	1,535,000	120,000	1,655,000	120,000	120,000	120,000	120,000	120,000	2,255,000
Inspection Fees	107,750	10,000	117,750	10,000	10,000	10,000	10,000	10,000	167,750
Equipment/Furnishing			0						0
Total Cost:	1,775,000	150,000	1,925,000	150,000	150,000	150,000	150,000	150,000	2,675,000

FUNDING SCHEDULE

R8750 Paygo	1,775,000	150,000	1,925,000	150,000	150,000	150,000	150,000	150,000	2,675,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,775,000	150,000	1,925,000	150,000	150,000	150,000	150,000	150,000	2,675,000



Guardrails

HIGHWAYS - ROADS

Project Number: H134508
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$1,040,423



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	180,000	10,000	190,000	10,000	10,000	10,000	10,000	10,000	240,000
Land Acquisition			0						0
Construction	1,090,000	110,000	1,200,000	135,000	135,000	135,000	135,000	135,000	1,875,000
Inspection Fees	45,000	5,000	50,000	5,000	5,000	5,000	5,000	5,000	75,000
Equipment/Furnishing			0						0
Total Cost:	1,315,000	125,000	1,440,000	150,000	150,000	150,000	150,000	150,000	2,190,000

FUNDING SCHEDULE

R8750 Paygo	1,315,000	125,000	1,440,000	150,000	150,000	150,000	150,000	150,000	2,190,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,315,000	125,000	1,440,000	150,000	150,000	150,000	150,000	150,000	2,190,000



Intersection Improvements

HIGHWAYS - ROADS

Project Number: H054507
Council District: Multiple
Location: Various
Est. Debt Service: \$30,875 (annual)

Expended/Encumbered as of 2/9/22:
 \$3,639,567



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: Bel Air S. Parkway and Tollgate Roundabout
 FY 23: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	357,500	20,000	377,500	20,000	20,000	20,000	20,000	20,000	477,500
Land Acquisition	115,000		115,000						115,000
Construction	3,856,728	350,000	4,206,728	350,000	350,000	350,000	350,000	350,000	5,956,728
Inspection Fees	337,500	30,000	367,500	30,000	30,000	30,000	30,000	30,000	517,500
Equipment/Furnishing			0						0
Total Cost:	4,666,728	400,000	5,066,728	400,000	400,000	400,000	400,000	400,000	7,066,728

FUNDING SCHEDULE

R8750 Paygo	3,181,728		3,181,728						3,181,728
R6330 Developer	250,000		250,000						250,000
R7100 Prior Bonds	1,235,000		1,235,000						1,235,000
R7000 Future Bonds		400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
			0						0
Total Cost:	4,666,728	400,000	5,066,728	400,000	400,000	400,000	400,000	400,000	7,066,728



Stormdrain Rehabilitation

HIGHWAYS - ROADS

Project Number: H064513
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,854,722



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	310,000	10,000	320,000	10,000	10,000	10,000	10,000	10,000	370,000
Land Acquisition			0						0
Construction	1,571,231	175,000	1,746,231	175,000	175,000	175,000	175,000	175,000	2,621,231
Inspection Fees	160,000	15,000	175,000	15,000	15,000	15,000	15,000	15,000	250,000
Equipment/Furnishing			0						0
Total Cost:	2,041,231	200,000	2,241,231	200,000	200,000	200,000	200,000	200,000	3,241,231

FUNDING SCHEDULE

R8750 Paygo	2,041,231		2,041,231						2,041,231
R7000 Future Bonds		200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
			0						0
			0						0
			0						0
Total Cost:	2,041,231	200,000	2,241,231	200,000	200,000	200,000	200,000	200,000	3,241,231



Streetlights

HIGHWAYS - ROADS

Project Number: H234503
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		5,000	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Land Acquisition			0						0
Construction		45,000	45,000	45,000	45,000	45,000	45,000	45,000	270,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000

FUNDING SCHEDULE

R8750 Paygo		50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	300,000



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 2/9/22:
 \$751,581



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	85,000	15,000	100,000	15,000	15,000	15,000	15,000	15,000	175,000
Land Acquisition			0						0
Construction	635,000	125,000	760,000	125,000	125,000	125,000	125,000	125,000	1,385,000
Inspection Fees	80,000	10,000	90,000	10,000	10,000	10,000	10,000	10,000	140,000
Equipment/Furnishing			0						0
Total Cost:	800,000	150,000	950,000	150,000	150,000	150,000	150,000	150,000	1,700,000

FUNDING SCHEDULE

R8750 Paygo	800,000	150,000	950,000	150,000	150,000	150,000	150,000	150,000	1,700,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	800,000	150,000	950,000	150,000	150,000	150,000	150,000	150,000	1,700,000



Traffic Signals

HIGHWAYS - ROADS

Project Number: H154505
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$12,019



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 21: Pedestrian crossing flashers at various locations and traffic signals; design/replacement at Joppa Farm Road/Trimble Road.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	50,000	10,000	60,000	10,000	10,000	10,000	10,000	10,000	110,000
Land Acquisition			0						0
Construction	474,601	120,000	594,601	120,000	120,000	120,000	120,000	120,000	1,194,601
Inspection Fees	20,000	5,000	25,000	5,000	5,000	5,000	5,000	5,000	50,000
Equipment/Furnishing			0						0
Total Cost:	544,601	135,000	679,601	135,000	135,000	135,000	135,000	135,000	1,354,601

FUNDING SCHEDULE

R8750 Paygo	435,000	135,000	570,000	135,000	135,000	135,000	135,000	135,000	1,245,000
R8770 Reappropriated	109,601		109,601						109,601
			0						0
			0						0
			0						0
Total Cost:	544,601	135,000	679,601	135,000	135,000	135,000	135,000	135,000	1,354,601



Trimble Road (Joppa Road to Garnett Road)

HIGHWAYS - ROADS

Project Number: H204522
Council District: A
Location: Joppatowne
Est. Debt Service: \$1,250 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	25,000	50,000	75,000	200,000					275,000
Land Acquisition			0			50,000			50,000
Construction			0					2,000,000	2,000,000
Inspection Fees			0					100,000	100,000
Equipment/Furnishing			0						0
Total Cost:	25,000	50,000	75,000	200,000	0	50,000	0	2,100,000	2,425,000

FUNDING SCHEDULE

R8750 Paygo	25,000		25,000						25,000
R7000 Future Bonds		50,000	50,000	200,000		50,000		2,100,000	2,400,000
			0						0
			0						0
			0						0
Total Cost:	25,000	50,000	75,000	200,000	0	50,000	0	2,100,000	2,425,000



Woodley Road Extension to MD 715

HIGHWAYS - ROADS

Project Number: H204523
Council District: F
Location: Perryman
Est. Debt Service: \$181,250 (annual)

Expended/Encumbered as of 2/9/22:

\$1,297,961



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	1,250,000		1,250,000						1,250,000
Land Acquisition			0						0
Construction	6,000,000	5,000,000	11,000,000						11,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	7,250,000	5,000,000	12,250,000	0	0	0	0	0	12,250,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,250,000		2,250,000						2,250,000
R3199 Federal Other	5,000,000		5,000,000						5,000,000
R7000 Future Bonds		5,000,000	5,000,000						5,000,000
			0						0
			0						0
Total Cost:	7,250,000	5,000,000	12,250,000	0	0	0	0	0	12,250,000

OUTYEAR PROJECTS

FY 24 - FY 28



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 2/9/22:
 \$0

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

Project Schedule/Status:

FY 24: Design
 FY 25: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



New Roads and Stormdrains

HIGHWAYS - ROADS

Project Number: H134510
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,426,828



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	60,000		60,000	5,000	5,000	5,000	5,000	5,000	85,000
Land Acquisition	100,000		100,000						100,000
Construction	2,770,000		2,770,000	185,000	185,000	185,000	185,000	185,000	3,695,000
Inspection Fees	95,000		95,000	10,000	10,000	10,000	10,000	10,000	145,000
Equipment/Furnishing			0						0
Total Cost:	3,025,000	0	3,025,000	200,000	200,000	200,000	200,000	200,000	4,025,000

FUNDING SCHEDULE

R8750 Paygo	525,000		525,000	100,000	100,000	100,000	100,000	100,000	1,025,000
R6330 Developer	2,500,000		2,500,000	100,000	100,000	100,000	100,000	100,000	3,000,000
			0						0
			0						0
			0						0
Total Cost:	3,025,000	0	3,025,000	200,000	200,000	200,000	200,000	200,000	4,025,000



Perryman Access - Mitchell Lane

HIGHWAYS - ROADS

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

Expended/Encumbered as of 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	1,000,000	1,000,000	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	0	1,000,000	1,000,000	2,000,000



Tollgate Road/Vale Road Corridor

HIGHWAYS - ROADS

Project Number: H224504
Council District: B
Location: Bel Air/Fallston
Est. Debt Service: \$5,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

FY 22: Design for Phase 1
 FY 24: Construction for Phase 1
 FY 25: Design for Phase 2
 FY 27: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	200,000		200,000		200,000				400,000
Land Acquisition			0	400,000			850,000		1,250,000
Construction			0						0
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	925,000	0	1,775,000

FUNDING SCHEDULE

R7000 Future Bonds			0	450,000	200,000		925,000		1,575,000
R7100 Prior Bonds	200,000		200,000						200,000
			0						0
			0						0
			0						0
Total Cost:	200,000	0	200,000	450,000	200,000	0	925,000	0	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 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$168,274 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$9,477,547

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Spesutia Road Reconstruction/Upgrade

HIGHWAYS - ROADS

Project Number: H194508
Council District: F
Location: Perryman
Est. Debt Service: \$131,250 (annual)

Expended/Encumbered as of 2/9/22:

\$445,778



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$107,000 (annual)

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

Expended/Encumbered as of 2/9/22:

\$5,751,754



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Washington Court Access Road

HIGHWAYS - ROADS

Project Number: H214506
Council District: A
Location: Edgewood
Est. Debt Service: \$53,750 (annual)

Expended/Encumbered as of 2/9/22:

\$58,098



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 21: Design and 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 old set of plans to current standards and provide construction funding for the work.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	2,000,000		2,000,000						2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,150,000	0	2,150,000	0	0	0	0	0	2,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,150,000		2,150,000						2,150,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,150,000	0	2,150,000	0	0	0	0	0	2,150,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - RESURFACING

FY 23 Projects

Highways Infra. Investment	0	10,000,000	(10,000,000)	0	0	0	0	0
Resurfacing Roadways	94,322,870	36,697,870	8,000,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000

RESURFACING BY PROJECT	94,322,870	46,697,870	(2,000,000)	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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Paygo	93,322,870	36,697,870	7,000,000	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	873,825	0	873,825	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	10,000,000	(10,000,000)	0	0	0	0	0
Developer/Other	126,175	0	126,175	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

RESURFACING BY FUND	94,322,870	46,697,870	(2,000,000)	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - RESURFACING											
Highways Infrastructure Improve.	(10,000,000)	0	0	0	0	0	0	0	0	(10,000,000)	0
Resurfacing Roadways	8,000,000	0	7,000,000	0	0	873,825	0	0	0	0	126,175
SUB-TOTAL RESURFACING	(2,000,000)	0	7,000,000	0	0	873,825	0	0	0	(10,000,000)	126,175



Highways Infrastructure Investment Project

HIGHWAYS - RESURFACING

Project Number: H224505
Council District: Multiple
Location: Various
Est. Debt Service: (annual)

Expended/Encumbered as of 2/9/22:
 \$0

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

Project Schedule/Status:

Expended/Enc. Budget

PROJECT DESCRIPTION:

The County's tar and chip conversion to asphalt program has been deferred since 2009 due to the reduction in State Highways User Revenue. These federal funds will provide for approximately 32.5 miles of tar and chip road throughout the County to be converted to asphalt. Asphalt is a much more durable and safe road surface with a life span of up to five times greater than tar and chip before needed replacements.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	10,000,000	(10,000,000)	0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	10,000,000	(10,000,000)	0	0	0	0	0	0	0

FUNDING SCHEDULE

R3199 Federal Other	10,000,000	(10,000,000)	0						0
			0						0
			0						0
			0						0
			0						0
Total Cost:	10,000,000	(10,000,000)	0	0	0	0	0	0	0



Resurfacing Roadways

HIGHWAYS - RESURFACING

Project Number: H184503
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$23,604,154



■ 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:

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	375,000	75,000	450,000	75,000	75,000	75,000	75,000	75,000	825,000
Land Acquisition			0						0
Construction	35,372,870	7,675,000	43,047,870	9,200,000	9,400,000	9,600,000	9,800,000	10,000,000	91,047,870
Inspection Fees	950,000	250,000	1,200,000	250,000	250,000	250,000	250,000	250,000	2,450,000
Equipment/Furnishing			0						0
Total Cost:	36,697,870	8,000,000	44,697,870	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000	94,322,870

FUNDING SCHEDULE

R8750 Paygo	36,697,870	7,000,000	43,697,870	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000	93,322,870
R8095 Reapp. Interest		873,825	873,825						873,825
R6130 Invest. Income		126,175	126,175						126,175
			0						0
			0						0
Total Cost:	36,697,870	8,000,000	44,697,870	9,525,000	9,725,000	9,925,000	10,125,000	10,325,000	94,322,870

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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HIGHWAYS - MISCELLANEOUS

FY 23 Projects

APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Efficiency Capital Investment	405,000	380,000	25,000	0	0	0	0	0
Fleet Replacement	33,192,000	18,192,000	2,000,000	2,400,000	2,500,000	2,600,000	2,700,000	2,800,000
Highways Facilities Repair	2,027,000	1,427,000	100,000	100,000	100,000	100,000	100,000	100,000
Norrisville Hwys Facility	4,200,000	1,500,000	2,700,000	0	0	0	0	0
Refresh Program	1,040,500	740,500	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Ops	4,162,450	3,712,450	75,000	75,000	75,000	75,000	75,000	75,000

Open Projects

Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0
HMAN	930,000	930,000	0	0	0	0	0	0
Lease Asset	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	59,532,250	40,457,250	4,950,000	2,625,000	2,725,000	2,825,000	2,925,000	3,025,000
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Paygo	44,282,708	28,266,708	2,391,000	2,525,000	2,625,000	2,725,000	2,825,000	2,925,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	3,200,000	0	2,700,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	9,166,000	9,166,000	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	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	560,592	(141,000)	0	0	0	0	0
Lease Purchase	0	0	0	0	0	0	0	0
Lease Revenue	2,000,000	2,000,000	0	0	0	0	0	0

MISCELLANEOUS BY FUND	59,532,250	40,457,250	4,950,000	2,625,000	2,725,000	2,825,000	2,925,000	3,025,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
HIGHWAYS - OTHER											
APG Gate Pilot	0	0	141,000	0	0	0	0	0	0	0	(141,000)
Efficiency Capital Investments	25,000	0	25,000	0	0	0	0	0	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0
Highways Facility Repair Program	100,000	0	100,000	0	0	0	0	0	0	0	0
Norrisville Hwys Facility	2,700,000	0	0	0	2,700,000	0	0	0	0	0	0
Refresh Program	50,000	0	50,000	0	0	0	0	0	0	0	0
Safeguarding Business Ops	75,000	0	75,000	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	4,950,000	0	2,391,000	0	2,700,000	0	0	0	0	0	(141,000)



APG Gate PILOT

HIGHWAYS - MISCELLANEOUS

Project Number: H164503
Council District: Multiple
Location: Various
Est. Debt Service: (annual)

Expended/Encumbered as of 2/9/22:

\$2,105,686



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

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

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	1,964,758	141,000	2,105,758						2,105,758
R6999 Other	535,242	(141,000)	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



Efficiency Capital Investment Projects

HIGHWAYS - MISCELLANEOUS

Project Number: H134507
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$154,753



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	40,000		40,000						40,000
Land Acquisition			0						0
Construction	85,000		85,000						85,000
Inspection Fees			0						0
Equipment/Furnishing	255,000	25,000	280,000						280,000
Total Cost:	380,000	25,000	405,000	0	0	0	0	0	405,000

FUNDING SCHEDULE

R8750 Paygo	220,000	25,000	245,000						245,000
R6999 Other	10,000		10,000						10,000
R3399 State Other	150,000		150,000						150,000
			0						0
			0						0
Total Cost:	380,000	25,000	405,000	0	0	0	0	0	405,000



Fleet Replacement

HIGHWAYS - MISCELLANEOUS

Project Number: H124507
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$18,178,175



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	18,192,000	2,000,000	20,192,000	2,400,000	2,500,000	2,600,000	2,700,000	2,800,000	33,192,000
Total Cost:	18,192,000	2,000,000	20,192,000	2,400,000	2,500,000	2,600,000	2,700,000	2,800,000	33,192,000

FUNDING SCHEDULE

R8750 Paygo	18,192,000	2,000,000	20,192,000	2,400,000	2,500,000	2,600,000	2,700,000	2,800,000	33,192,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	18,192,000	2,000,000	20,192,000	2,400,000	2,500,000	2,600,000	2,700,000	2,800,000	33,192,000



Highways Facilities Repair Program

HIGHWAYS - MISCELLANEOUS

Project Number: H034506
Council District: Multiple
Location: Various
Est. Debt Service: \$10,500 (annual)

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

Expended/Encumbered as of 2/9/22:

\$1,085,897



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	174,000	5,000	179,000	5,000	5,000	5,000	5,000	5,000	204,000
Land Acquisition	1,184,200		1,184,200						1,184,200
Construction	68,800	90,000	158,800	90,000	90,000	90,000	90,000	90,000	608,800
Inspection Fees		5,000	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Equipment/Furnishing			0						0
Total Cost:	1,427,000	100,000	1,527,000	100,000	100,000	100,000	100,000	100,000	2,027,000

FUNDING SCHEDULE

R8750 Paygo	1,007,000	100,000	1,107,000						1,107,000
R7100 Prior Bonds	420,000		420,000						420,000
R7000 Future Bonds			0	100,000	100,000	100,000	100,000	100,000	500,000
			0						0
			0						0
Total Cost:	1,427,000	100,000	1,527,000	100,000	100,000	100,000	100,000	100,000	2,027,000



Norrisville Highways Facility

HIGHWAYS - MISCELLANEOUS

Project Number: H224506
Council District: D
Location: Norrisville
Est. Debt Service: \$105,000 (annual)

Expended/Encumbered as of 2/9/22:

\$0



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: 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	50,000	50,000	100,000						100,000
Land Acquisition			0						0
Construction	1,400,000	2,550,000	3,950,000						3,950,000
Inspection Fees	50,000	100,000	150,000						150,000
Equipment/Furnishing			0						0
Total Cost:	1,500,000	2,700,000	4,200,000	0	0	0	0	0	4,200,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,500,000		1,500,000						1,500,000
R7000 Future Bonds		2,700,000	2,700,000						2,700,000
			0						0
			0						0
			0						0
Total Cost:	1,500,000	2,700,000	4,200,000	0	0	0	0	0	4,200,000



Refresh Program

HIGHWAYS - MISCELLANEOUS

Project Number: H134511
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$583,828



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	740,500	50,000	790,500	50,000	50,000	50,000	50,000	50,000	1,040,500
Total Cost:	740,500	50,000	790,500	50,000	50,000	50,000	50,000	50,000	1,040,500

FUNDING SCHEDULE

R8750 Paygo	740,500	50,000	790,500	50,000	50,000	50,000	50,000	50,000	1,040,500
			0						0
			0						0
			0						0
			0						0
Total Cost:	740,500	50,000	790,500	50,000	50,000	50,000	50,000	50,000	1,040,500



Safeguarding Business Operations

HIGHWAYS - MISCELLANEOUS

Project Number: H114507
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
\$3,224,410



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,712,450	75,000	3,787,450	75,000	75,000	75,000	75,000	75,000	4,162,450
Total Cost:	3,712,450	75,000	3,787,450	75,000	75,000	75,000	75,000	75,000	4,162,450

FUNDING SCHEDULE

R8750 Paygo	3,712,450	75,000	3,787,450	75,000	75,000	75,000	75,000	75,000	4,162,450
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,712,450	75,000	3,787,450	75,000	75,000	75,000	75,000	75,000	4,162,450

OPEN / ACTIVE PROJECTS



Fleet Maintenance Facility

HIGHWAYS - MISCELLANEOUS

Project Number: H184504
Council District: C
Location: Hickory
Est. Debt Service: \$181,150 (annual)

Expended/Encumbered as of 2/9/22:
 \$5,507,639



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 Asset

HIGHWAYS - MISCELLANEOUS

Project Number: H214502
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	2,000,000		2,000,000						2,000,000
			0						0
			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 2/9/22:

\$1,313,474



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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WATER PROJECTS

FY 23 Projects

Abingdon Park Water	1,000,000	0	1,000,000	0	0	0	0	0
Abingdon WTP Switch Gear	5,150,000	4,150,000	1,000,000	0	0	0	0	0
Central W&S Laboratory	2,335,000	85,000	250,000	0	2,000,000	0	0	0
Infrastructure Mgmt System	1,300,000	550,000	150,000	150,000	150,000	150,000	150,000	0
Joppatowne Facility Improvements	1,750,000	0	250,000	750,000	750,000	0	0	0
Oak Grove Booster Station	2,330,000	330,000	2,000,000	0	0	0	0	0
Perryman GAC Plant Improve.	250,000	1,000,000	(750,000)	0	0	0	0	0
Renewal & Replacement Water	3,550,000	2,150,000	500,000	300,000	300,000	0	300,000	0
SCADA Info Mgnmnt Systems	5,000,000	2,000,000	500,000	2,500,000	0	0	0	0
SHA Improvement Projects	1,390,000	310,000	280,000	300,000	0	500,000	0	0
W&S Infrastructure Improvement	6,491,340	3,450,000	(2,208,660)	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000

Outyear Projects

City of Baltimore - Deer Creek PS	8,200,000	5,200,000	0	0	3,000,000	0	0	0
MDTA I-95 Improvements	4,450,000	1,450,000	0	3,000,000	0	0	0	0
Perryman Wellfield Improve.	3,850,000	350,000	0	0	3,500,000	0	0	0
US 40 Water Main Replacement	1,100,000	600,000	0	250,000	0	250,000	0	0
Water Meter Upgrade	2,610,000	2,110,000	0	250,000	0	250,000	0	0
Water Tank Design & Construct.	3,700,000	0	0	400,000	3,000,000	0	0	0
Water Zone Improvements	1,530,000	1,030,000	0	200,000	100,000	200,000	0	0

Open Projects

Abingdon Rd Water	3,271,540	3,271,540	0	0	0	0	0	0
Abingdon WTP pH Control	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
HdG WTP Upgrade	1,150,000	1,150,000	0	0	0	0	0	0
Magnolia Booster Station	1,800,000	1,800,000	0	0	0	0	0	0
Replace. of Water SCADA	2,250,000	2,250,000	0	0	0	0	0	0
US 40 & Rt. 159 SHA Water Reloc.	3,900,000	3,900,000	0	0	0	0	0	0

WATER BY PROJECT	69,907,880	38,986,540	2,971,340	9,350,000	13,800,000	2,350,000	1,450,000	1,000,000
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WATER PROJECTS

Paygo	29,780,000	13,300,000	1,430,000	8,800,000	2,000,000	2,100,000	1,150,000	1,000,000
Prior Paygo	41,340	0	41,340	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	14,400,000	0	1,500,000	550,000	11,800,000	250,000	300,000	0
Prior Bonds	25,386,540	25,386,540	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	300,000	300,000	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

WATER BY FUND	69,907,880	38,986,540	2,971,340	9,350,000	13,800,000	2,350,000	1,450,000	1,000,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
WATER PROJECTS											
Abingdon Park Water	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0
Abingdon WTP Switch Gear/Gen	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0
Central W&S Laboratory	250,000	0	250,000	0	0	0	0	0	0	0	0
Infrastructure Mgmt System	150,000	0	150,000	0	0	0	0	0	0	0	0
Joppatowne Facility Improve.	250,000	0	250,000	0	0	0	0	0	0	0	0
Oak Grove Booster Station	2,000,000	2,000,000	0	0	0	0	0	0	0	0	0
Perryman GAC Plant Improve.	(750,000)	(750,000)	0	0	0	0	0	0	0	0	0
Ren. & Repl. Water Infrastructure	500,000	0	0	0	500,000	0	0	0	0	0	0
SCADA Info. Mgmt Systems	500,000	0	500,000	0	0	0	0	0	0	0	0
SHA Improvement Projects	280,000	0	280,000	0	0	0	0	0	0	0	0
W&S Infrastructure Projects	(2,208,660)	(2,208,660)	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER	2,971,340	41,340	1,430,000	0	1,500,000	0	0	0	0	0	0



Abingdon Park Water Main

WATER

Project Number: W235401
Council District: A
Location: Abingdon
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

CY 21: Design

CY 22: 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.

Reappropriated Paygo funding in the amount of \$1,000,000 reallocated from the Water & Sewer Infrastructure Improvements Project (W196150).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		1,000,000	1,000,000						1,000,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	1,000,000	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

R8751 Prior Paygo		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	1,000,000	1,000,000	0	0	0	0	0	1,000,000



Abingdon WTP Switch Gear/Generator Upgrade

WATER

Project Number: W205424
Council District: F
Location: Abingdon
Est. Debt Service: \$128,750 (annual)

Expended/Encumbered as of 2/9/22:

\$92,644



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

June 2022: 50% design
 2023: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	4,000,000	1,000,000	5,000,000						5,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,150,000	1,000,000	5,150,000	0	0	0	0	0	5,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	4,150,000		4,150,000						4,150,000
R7000 Future Bonds		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
Total Cost:	4,150,000	1,000,000	5,150,000	0	0	0	0	0	5,150,000



Central W&S Laboratory

WATER

Project Number: W205425
Council District: F
Location: Abingdon
Est. Debt Service: \$2,125 (annual)

Expended/Encumbered as of 2/9/22:

\$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 in 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	85,000	250,000	335,000						335,000
Land Acquisition			0						0
Construction			0		2,000,000				2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	85,000	250,000	335,000	0	2,000,000	0	0	0	2,335,000

FUNDING SCHEDULE

R7100 Prior Bonds	85,000		85,000						85,000
R8750 Paygo		250,000	250,000						250,000
R7000 Future Bonds			0		2,000,000				2,000,000
			0						0
			0						0
Total Cost:	85,000	250,000	335,000	0	2,000,000	0	0	0	2,335,000



Infrastructure Management System Enhancements "CityWorks"

WATER

Project Number: W186045
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$385,016



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	550,000	150,000	700,000	150,000	150,000	150,000	150,000		1,300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	550,000	150,000	700,000	150,000	150,000	150,000	150,000	0	1,300,000

FUNDING SCHEDULE

R8750 Paygo	550,000	150,000	700,000	150,000	150,000	150,000	150,000		1,300,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	550,000	150,000	700,000	150,000	150,000	150,000	150,000	0	1,300,000



Joppatowne Facility Improvements

WATER

Project Number: W235402
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design for new chemical feed piping, blower system upgrades, utility water system upgrades anticipated for Fall, construction anticipated for Spring 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design		250,000	250,000	750,000	750,000				1,750,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	250,000	250,000	750,000	750,000	0	0	0	1,750,000

FUNDING SCHEDULE

R8750 Paygo		250,000	250,000	750,000	750,000				1,750,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	250,000	250,000	750,000	750,000	0	0	0	1,750,000



Oak Grove Booster Station (Ridgeley's Reserve)

WATER

Project Number: W205426
Council District: Multiple
Location: Magnolia
Est. Debt Service: \$8,250 (annual)

Expended/Encumbered as of 2/9/22:

\$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. Reappropriated Paygo in the amount of \$2,000,000 is reallocated from the Water & Sewer Infrastructure Improvements Project (W196150).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	330,000	2,000,000	2,330,000						2,330,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	330,000	2,000,000	2,330,000	0	0	0	0	0	2,330,000

FUNDING SCHEDULE

R7100 Prior Bonds	330,000		330,000						330,000
R8751 Prior Paygo		2,000,000	2,000,000						2,000,000
			0						0
			0						0
			0						0
Total Cost:	330,000	2,000,000	2,330,000	0	0	0	0	0	2,330,000



Perryman GAC Plant Improvements

WATER

Project Number: W186046
Council District: F
Location: Perryman
Est. Debt Service: \$0 (annual)

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

Expended/Encumbered as of 2/9/22:
 \$90,034



■ Expended/Enc.
 ■ Budget

Project Schedule/Status:

Ongoing, awaiting APG funding and execution.
 Reallocating \$750k to W&S Infrastructure W196150
 Valve installation complete. Flow metering is anticipated for calendar year 2022.

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.

Prior Paygo funding in the amount of (\$750,000) reallocated to the Water & Sewer Infrastructure Improvements Project (W196150).

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,000,000	(750,000)	250,000						250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,000,000	(750,000)	250,000	0	0	0	0	0	250,000

FUNDING SCHEDULE

R8750 Paygo	1,000,000		1,000,000						1,000,000
R8751 Prior Paygo		(750,000)	(750,000)						(750,000)
			0						0
			0						0
			0						0
Total Cost:	1,000,000	(750,000)	250,000	0	0	0	0	0	250,000



Renewal and Replacement Water Infrastructure

WATER

Project Number: W126723
Council District: Multiple
Location: Various
Est. Debt Service: \$52,500 (annual)

Expended/Encumbered as of 2/9/22:

\$1,200,458



■ 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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	350,000	500,000	850,000	300,000	300,000		300,000		1,750,000
Land Acquisition			0						0
Construction	1,800,000		1,800,000						1,800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,150,000	500,000	2,650,000	300,000	300,000	0	300,000	0	3,550,000

FUNDING SCHEDULE

R8750 Paygo	550,000		550,000						550,000
R7100 Prior Bonds	1,600,000		1,600,000						1,600,000
R7000 Future Bonds		500,000	500,000	300,000	300,000		300,000		1,400,000
			0						0
			0						0
Total Cost:	2,150,000	500,000	2,650,000	300,000	300,000	0	300,000	0	3,550,000



SCADA Information Management Systems

WATER

Project Number: W196144
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$8,076



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Spring 2022: 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 separate SCADA and systems at each facility. There is no uniformity or central database for the retrieval of information and report generation. This project would study, design, and install a secure system.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	250,000	500,000	750,000						750,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,750,000		1,750,000	2,500,000					4,250,000
Total Cost:	2,000,000	500,000	2,500,000	2,500,000	0	0	0	0	5,000,000

FUNDING SCHEDULE

R8750 Paygo	2,000,000	500,000	2,500,000	2,500,000					5,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,000,000	500,000	2,500,000	2,500,000	0	0	0	0	5,000,000



SHA Improvement Projects

WATER

Project Number: W156605
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	150,000	30,000	180,000						180,000
Land Acquisition			0						0
Construction	160,000	250,000	410,000	300,000		500,000			1,210,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	310,000	280,000	590,000	300,000	0	500,000	0	0	1,390,000

FUNDING SCHEDULE

R8750 Paygo	310,000	280,000	590,000	300,000		500,000			1,390,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	310,000	280,000	590,000	300,000	0	500,000	0	0	1,390,000



Water & Sewer Infrastructure Improvements Projects

WATER

Project Number: W196150
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$313,361



■ 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.

Prior Paygo in the amount of (\$3,000,000) has been reallocated to the Abingdon Park (Woods) Water Main and the Oak Grove Booster Station capital projects. Prior Paygo in the amount of \$750,000 was reallocated here from Perryman GAC and \$41,340 from the 700 MHz capital projects.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	300,000	791,340	1,091,340						1,091,340
Land Acquisition			0						0
Construction	3,150,000	(3,000,000)	150,000	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000	5,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,450,000	(2,208,660)	1,241,340	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000	6,491,340

FUNDING SCHEDULE

R8750 Paygo	3,150,000		3,150,000	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000	8,400,000
R6330 Developer	300,000		300,000						300,000
R8751 Prior Paygo		791,340	791,340						791,340
R8751 Prior Paygo		(3,000,000)	(3,000,000)						(3,000,000)
			0						0
Total Cost:	3,450,000	(2,208,660)	1,241,340	1,250,000	1,000,000	1,000,000	1,000,000	1,000,000	6,491,340

OUTYEAR PROJECTS

FY 24 - FY 28



City of Baltimore - Deer Creek Pump Station and Valve Improvements

WATER

Project Number: W126718
Council District: D
Location: Darlington
Est. Debt Service: \$130,000 (annual)

Expended/Encumbered as of 2/9/22:
 \$3,101,041



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Waiting for Baltimore City evaluation and preliminary design completion.
 Design anticipated in 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	0	3,000,000	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	0	3,000,000	0	0	0	8,200,000



MDTA I-95 Improvements

WATER

Project Number: 0215401
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$247,302



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	1,200,000		1,200,000	3,000,000					4,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,450,000	0	1,450,000	3,000,000	0	0	0	0	4,450,000

FUNDING SCHEDULE

R8750 Paygo	1,450,000		1,450,000	3,000,000					4,450,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,450,000	0	1,450,000	3,000,000	0	0	0	0	4,450,000



Perryman Wellfield Improvements

WATER

Project Number: W186056
Council District: F
Location: Perryman
Est. Debt Service: \$3,750 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design scope development; design projected in late 2024.

PROJECT DESCRIPTION:

This project allows for the design and construction of new wells and wellhouses for four wells in the Perryman well system. Wells and wellhouses are reaching the end of their economic life. In addition, the existing lease with the U.S. Army for the wells that are located just inside the U.S. Government property will greatly improve our ability to operate and maintain the wells. The raw water pipes and power will remain and lease/easement is still required.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	3,500,000	0	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	3,500,000	0	0	0	3,850,000



US 40 Water Main Replacement

WATER

Project Number: W196149
Council District: Multiple
Location: Aberdeen
Est. Debt Service: \$15,000 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Spring 2022: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	600,000		600,000	250,000		250,000			1,100,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	600,000	0	600,000	250,000	0	250,000	0	0	1,100,000

FUNDING SCHEDULE

R7100 Prior Bonds	600,000		600,000						600,000
R7000 Future Bonds			0	250,000		250,000			500,000
			0						0
			0						0
			0						0
Total Cost:	600,000	0	600,000	250,000	0	250,000	0	0	1,100,000



Water Meter Upgrade

WATER

Project Number: W136729
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,647,383



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

2022: Large meter evaluation
 2022 - 2023: Large meter replacement
 Estimated 7,000 upgrades needed.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	150,000		150,000	250,000		250,000			650,000
Land Acquisition			0						0
Construction	1,020,000		1,020,000						1,020,000
Inspection Fees			0						0
Equipment/Furnishing	940,000		940,000						940,000
Total Cost:	2,110,000	0	2,110,000	250,000	0	250,000	0	0	2,610,000

FUNDING SCHEDULE

R8750 Paygo	2,110,000		2,110,000	250,000		250,000			2,610,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	2,110,000	0	2,110,000	250,000	0	250,000	0	0	2,610,000



Water Tank Design and Construction

WATER

Project Number: W196152
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$179,069



■ 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 2020-2021.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction			0	400,000	3,000,000				3,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	300,000	0	300,000	400,000	3,000,000	0	0	0	3,700,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000	400,000					700,000
R7000 Future Bonds			0		3,000,000				3,000,000
			0						0
			0						0
			0						0
Total Cost:	300,000	0	300,000	400,000	3,000,000	0	0	0	3,700,000



Water Zone Improvements

WATER

Project Number: W146660
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$334,502



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This is an ongoing project to maintain the condition of critical water infrastructure.

2021-2022: Design Conowingo Road loop replace; design Briar Hill water main improve; 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	930,000		930,000	200,000	100,000	200,000			1,430,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,030,000	0	1,030,000	200,000	100,000	200,000	0	0	1,530,000

FUNDING SCHEDULE

R8750 Paygo	1,030,000		1,030,000	200,000	100,000	200,000			1,530,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,030,000	0	1,030,000	200,000	100,000	200,000	0	0	1,530,000

OPEN / ACTIVE PROJECTS



Abingdon Road Water

WATER

Project Number: W086687
Council District: Multiple
Location: Abingdon
Est. Debt Service: \$81,789 (annual)

Expended/Encumbered as of 2/9/22:

\$271,540



■ 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.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$6,250 (annual)

Expended/Encumbered as of 2/9/22:

\$241,502



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design scheduled for calendar year 2020-2021, construction projected for calendar year 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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: \$32,500 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Havre de Grace Water Treatment Plant Upgrade

WATER

Project Number: W196141
Council District: F
Location: Havre de Grace
Est. Debt Service: \$28,750 (annual)

Expended/Encumbered as of 2/9/22:

\$20,728



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is complete, construction anticipated for 2022. Modifications to solids handling piping in 2022; modifications to electrical system metering at the solids handling facility in 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	150,000		150,000						150,000
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	0	1,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,150,000		1,150,000						1,150,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	1,150,000	0	1,150,000	0	0	0	0	0	1,150,000



Magnolia Booster Station

WATER

Project Number: W106709
Council District: A
Location: Various
Est. Debt Service: \$36,250 (annual)

Expended/Encumbered as of 2/9/22:
 \$293,008



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Redesign and relocation anticipated during calendar year 2022.

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	550,000		550,000						550,000
Land Acquisition			0						0
Construction	1,250,000		1,250,000						1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,800,000	0	1,800,000	0	0	0	0	0	1,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
R8750 Paygo	350,000		350,000						350,000
			0						0
			0						0
			0						0
Total Cost:	1,800,000	0	1,800,000	0	0	0	0	0	1,800,000



Replacement of Water Booster Station SCADA

WATER

Project Number: W156492
Council District: Multiple
Location: Abingdon
Est. Debt Service: \$48,750 (annual)

Expended/Encumbered as of 2/9/22:
 \$242,014



■ Expended/Enc.
 ■ Budget

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

Project Schedule/Status:

Design complete, construction in 2021.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction	1,950,000		1,950,000						1,950,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,250,000	0	2,250,000	0	0	0	0	0	2,250,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,950,000		1,950,000						1,950,000
R8750 Paygo	300,000		300,000						300,000
			0						0
			0						0
			0						0
Total Cost:	2,250,000	0	2,250,000	0	0	0	0	0	2,250,000



US 40 and Rt. 159 SHA Water Relocation

WATER

Project Number: W166375
Council District: Multiple
Location: Various
Est. Debt Service: \$97,500 (annual)

Expended/Encumbered as of 2/9/22:

\$3,890,328



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

This project will be closed and removed from the FY 23 Capital Improvement Program following completion of the audit in July, 2022.

PROJECT DESCRIPTION:

This project provided funding for the improvements to US Rt. 40 and Rt. 159 near the intersection of Rt. 7 and Rt. 40. The County has major waste transmission mains that parallel both sides of Rt. 40 that are in conflict with the SHA improvements. The County lines are in SHA right of way by license permission only and when road improvements are required it is the responsibility of the County to pay for the water relocations. This project allowed for approximately 1,100 linear feet of 24" water transmission main reconstruction.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	2,600,000		2,600,000						2,600,000
Land Acquisition			0						0
Construction	1,300,000		1,300,000						1,300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,900,000	0	3,900,000	0	0	0	0	0	3,900,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,900,000		3,900,000						3,900,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,900,000	0	3,900,000	0	0	0	0	0	3,900,000

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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SEWER PROJECTS

FY 23 Projects

Brentwood Park PS Improve.	2,987,045	2,200,000	787,045	0	0	0	0	0
Infiltration & Inflow	1,500,000	800,000	200,000	200,000	200,000	100,000	0	0
Oaklyn Manor/Joppa Area Sewer	1,678,255	1,950,300	(272,045)	0	0	0	0	0
Pumping Station Improve.	1,965,000	565,000	500,000	0	400,000	0	500,000	0
Renewal/Replace. Sewer	5,650,000	2,150,000	100,000	800,000	1,500,000	900,000	200,000	0
Sod Run Facility Improvements	29,893,151	11,632,261	6,710,890	0	350,000	4,450,000	6,750,000	0
Sod Run WWTP UV Disinfection	7,700,000	4,200,000	2,500,000	1,000,000	0	0	0	0
Town Ctr Dr PS Replacements	599,677	810,567	(210,890)	0	0	0	0	0

Outyear Projects

Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	2,000,000	0	0
Edgewood Interceptor Sewer	1,150,000	650,000	0	0	0	0	500,000	0
Inventory Storage & Control	4,785,000	385,000	0	0	400,000	4,000,000	0	0
Plum Tree Collector Sewer/PS	2,750,000	0	0	0	0	250,000	2,500,000	0

Open Projects

Bill Bass PS FM Replacement	810,302	810,302	0	0	0	0	0	0
Bio Solids Facilities Enhancement	37,350,000	19,500,000	0	7,000,000	7,000,000	0	350,000	3,500,000
Bush Creek Pumping Station	28,400,000	28,400,000	0	0	0	0	0	0
Bynum Ridge Replacement Sewer	800,000	800,000	0	0	0	0	0	0
Fallston Area Sewer	3,800,000	3,800,000	0	0	0	0	0	0
Freys Road Sewer Petition	1,275,000	1,275,000	0	0	0	0	0	0
Future Petition Projects	375,000	375,000	0	0	0	0	0	0
Hickory Sewer Infrastructure	3,000,000	3,000,000	0	0	0	0	0	0
Lower Bynum Run Interceptor	9,120,324	9,120,324	0	0	0	0	0	0
Magnolia Sewer Petition	692,500	692,500	0	0	0	0	0	0
Woodbridge Sewer Petition	4,020,300	4,020,300	0	0	0	0	0	0

SEWER BY PROJECT	152,526,554	97,361,554	10,315,000	9,000,000	9,850,000	11,700,000	10,800,000	3,500,000
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Paygo	21,373,348	14,973,348	1,100,000	1,000,000	950,000	350,000	3,000,000	0
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	229,390	229,390	0	0	0	0	0	0
Future Bonds	48,765,000	0	9,215,000	8,000,000	8,900,000	11,350,000	7,800,000	3,500,000
Prior Bonds	76,495,716	76,495,716	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	4,717,800	4,717,800	0	0	0	0	0	0
Federal	765,300	765,300	0	0	0	0	0	0
Developer/Other	180,000	180,000	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

SEWER BY FUND	152,526,554	97,361,554	10,315,000	9,000,000	9,850,000	11,700,000	10,800,000	3,500,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
SEWER PROJECTS											
Brentwood Park PS Improvement	787,045	0	300,000	272,045	215,000	0	0	0	0	0	0
Infiltration and Inflow	200,000	0	200,000	0	0	0	0	0	0	0	0
Oaklyn Manor/Joppa Sewer	(272,045)	0	0	(272,045)	0	0	0	0	0	0	0
Pumping Station Improvements	500,000	0	500,000	0	0	0	0	0	0	0	0
Ren. & Repl. Sewer Infrastructure	100,000	0	100,000	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	6,710,890	210,890	0	0	6,500,000	0	0	0	0	0	0
Sod Run WWTP UV Disinfection	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0
Town Ctr Drive PS Replacement	(210,890)	(210,890)	0	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER	10,315,000	0	1,100,000	0	9,215,000	0	0	0	0	0	0



Brentwood Park Pumping Station Improvements

SEWER

Project Number: S186057
Council District: Multiple
Location: Various
Est. Debt Service: \$38,051 (annual)

Expended/Encumbered as of 2/9/22:

\$225,570



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is 95% complete and construction is anticipated in calendar year 2022.

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.

Prior Bond funding in the amount of \$486,009 has been reallocated from the Oaklyn Manor/Joppa Area Sewer Relief (S137016) project.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	100,000	300,000	400,000						400,000
Land Acquisition			0						0
Construction	1,850,000	487,045	2,337,045						2,337,045
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost:	2,200,000	787,045	2,987,045	0	0	0	0	0	2,987,045

FUNDING SCHEDULE

R8750 Paygo	950,000	300,000	1,250,000						1,250,000
R7100 Prior Bonds	1,250,000	272,045	1,522,045						1,522,045
R7000 Future Bonds		215,000	215,000						215,000
			0						0
			0						0
Total Cost:	2,200,000	787,045	2,987,045	0	0	0	0	0	2,987,045



Infiltration and Inflow

SEWER

Project Number: S106714
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$319,943



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

CY 2021-2022: manhole evaluations, modeling.
 2022: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	500,000	200,000	700,000	200,000					900,000
Land Acquisition			0						0
Construction	300,000		300,000		200,000	100,000			600,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	800,000	200,000	1,000,000	200,000	200,000	100,000	0	0	1,500,000

FUNDING SCHEDULE

R8750 Paygo	800,000	200,000	1,000,000	200,000	200,000	100,000			1,500,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	800,000	200,000	1,000,000	200,000	200,000	100,000	0	0	1,500,000



Oaklyn Manor/Joppa Area Sewer Relief

SEWER

Project Number: S137016
Council District: A
Location: Joppa
Est. Debt Service: \$18,324 (annual)

Expended/Encumbered as of 2/9/22:

\$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.

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,950,300	(272,045)	1,678,255						1,678,255
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,950,300	(272,045)	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	1,005,000	(272,045)	732,955						732,955
R6330 Developer	180,000		180,000						180,000
			0						0
			0						0
Total Cost:	1,950,300	(272,045)	1,678,255	0	0	0	0	0	1,678,255



Pumping Station Improvements

SEWER

Project Number: S186112
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$121,307



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Study/Design - Summer 2021-2022
 Construction in 2023
 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.

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	215,000	500,000	715,000		400,000		500,000		1,615,000
Land Acquisition			0						0
Construction	350,000		350,000						350,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	565,000	500,000	1,065,000	0	400,000	0	500,000	0	1,965,000

FUNDING SCHEDULE

R8750 Paygo	565,000	500,000	1,065,000		400,000		500,000		1,965,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	565,000	500,000	1,065,000	0	400,000	0	500,000	0	1,965,000



Renewal and Replacement Sewer Infrastructure

SEWER

Project Number: S126726
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$1,100,853



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Reline or replace sewer line section downstream of ps manholes at McPhail Road - 2021-2022; Bel Forest cleanout replacement/lining 2022; Aerial pipeline coatings 2023-2024; Harford Square sewer 2025. This project is ongoing and used as required when advanced deterioration of piping system is discovered through field investigations.

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0	500,000		900,000	200,000		1,600,000
Land Acquisition			0						0
Construction	2,150,000	100,000	2,250,000	300,000	1,500,000				4,050,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	2,150,000	100,000	2,250,000	800,000	1,500,000	900,000	200,000	0	5,650,000

FUNDING SCHEDULE

R8750 Paygo	2,150,000	100,000	2,250,000	800,000			200,000		3,250,000
R7000 Future Bonds			0		1,500,000	900,000			2,400,000
			0						0
			0						0
			0						0
Total Cost:	2,150,000	100,000	2,250,000	800,000	1,500,000	900,000	200,000	0	5,650,000



Sod Run Facility Improvements

SEWER

Project Number: S126724
Council District: F
Location: Perryman
Est. Debt Service: \$341,839 (annual)

Expended/Encumbered as of 2/9/22:

\$3,498,819



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

New methanol tank construction complete. Digester design upgrades 2019-2021; construction in 2022-2024; primary clarifier upgrade design underway; construction 2022-2024.

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.

Reallocating funds from Town Ctr PS (S146737)

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	4,979,329		4,979,329		350,000				5,329,329
Land Acquisition	1,000,000		1,000,000						1,000,000
Construction	5,652,932	6,710,890	12,363,822			4,450,000	6,750,000		23,563,822
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	11,632,261	6,710,890	18,343,151	0	350,000	4,450,000	6,750,000	0	29,893,151

FUNDING SCHEDULE

R8750 Paygo	4,229,329		4,229,329		350,000				4,579,329
R7100 Prior Bonds	7,173,542		7,173,542						7,173,542
R7000 Future Bonds		6,500,000	6,500,000			4,450,000	6,750,000		17,700,000
R8751 Prior Paygo		210,890	210,890						210,890
R8770 Reappropriated	229,390		229,390						229,390
Total Cost:	11,632,261	6,710,890	18,343,151	0	350,000	4,450,000	6,750,000	0	29,893,151



Sod Run WWTP Ultraviolet Disinfection Project

SEWER

Project Number: S186113
Council District: Multiple
Location: Various
Est. Debt Service: \$80,000 (annual)

Expended/Encumbered as of 2/9/22:

\$832,270



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is 95% complete; construction is planned for 2023-2024.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	4,000,000	2,500,000	6,500,000	1,000,000					7,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	4,200,000	2,500,000	6,700,000	1,000,000	0	0	0	0	7,700,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	4,000,000		4,000,000						4,000,000
R7000 Future Bonds		2,500,000	2,500,000	1,000,000					3,500,000
			0						0
			0						0
Total Cost:	4,200,000	2,500,000	6,700,000	1,000,000	0	0	0	0	7,700,000



Town Center Drive Pump Station Replacement

SEWER

Project Number: S146737
Council District: A
Location: Joppatowne
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$605,688



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design and construction are complete.

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

PROJECT DESCRIPTION:

This project will allow for the design and construction of a replacement pump station in Joppatowne. The existing pump station was originally built in the 1960's. This project entails upgrades to the electrical controls, pump motors, HVAC, roof coatings for walls, exterior siding improvements, new flow meters and other improvements to update the station. Pump station capacity will remain at 690 gpm.

Paygo funds reallocated to Sod Run Facility (\$126724)

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction	460,567	(210,890)	249,677						249,677
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	810,567	(210,890)	599,677	0	0	0	0	0	599,677

FUNDING SCHEDULE

R8750 Paygo	810,567		810,567						810,567
R8751 Prior Paygo		(210,890)	(210,890)						(210,890)
			0						0
			0						0
			0						0
Total Cost:	810,567	(210,890)	599,677	0	0	0	0	0	599,677

OUTYEAR PROJECTS

FY 24 - FY 28



Delta WWTP Plant Upgrades

SEWER

Project Number: S186074
Council District: Multiple
Location: Delta
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$5,884



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	2,000,000	0	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	2,000,000	0	0	2,225,000



Edgewood Interceptor Sewer Parallel

SEWER

Project Number: S106712
Council District: A
Location: Edgewood
Est. Debt Service: \$16,250 (annual)

Expended/Encumbered as of 2/9/22:

\$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 2021-2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	550,000		550,000				500,000		1,050,000
Land Acquisition	100,000		100,000						100,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	650,000	0	650,000	0	0	0	500,000	0	1,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	650,000		650,000						650,000
R7000 Future Bonds			0				500,000		500,000
			0						0
			0						0
			0						0
Total Cost:	650,000	0	650,000	0	0	0	500,000	0	1,150,000



Inventory Storage and Control Improvements

SEWER

Project Number: S186104
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
\$107,178



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Final design and construction anticipated for fiscal year 2024-2025.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	385,000		385,000						385,000
Land Acquisition			0						0
Construction			0		400,000	4,000,000			4,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	385,000	0	385,000	0	400,000	4,000,000	0	0	4,785,000

FUNDING SCHEDULE

R8750 Paygo	385,000		385,000						385,000
R7000 Future Bonds			0		400,000	4,000,000			4,400,000
			0						0
			0						0
			0						0
Total Cost:	385,000	0	385,000	0	400,000	4,000,000	0	0	4,785,000



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 2/9/22:
 \$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0			250,000			250,000
Land Acquisition			0				2,500,000		2,500,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	0	0	0	0	0	250,000	2,500,000	0	2,750,000

FUNDING SCHEDULE

R8750 Paygo			0			250,000	2,500,000		2,750,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	0	0	0	0	0	250,000	2,500,000	0	2,750,000

OPEN / ACTIVE PROJECTS



Bill Bass PS FM Replacement

SEWER

Project Number: S136730
Council District: A
Location: Edgewood
Est. Debt Service: \$17,501 (annual)

Expended/Encumbered as of 2/9/22:

\$742,453



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	610,302		610,302						610,302
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	0	810,302

FUNDING SCHEDULE

R7100 Prior Bonds	700,020		700,020						700,020
R8750 Paygo	110,282		110,282						110,282
			0						0
			0						0
			0						0
Total Cost:	810,302	0	810,302	0	0	0	0	0	810,302



Bio Solids Facilities Enhancements

SEWER

Project Number: S176019
Council District: Multiple
Location: Various
Est. Debt Service: \$482,500 (annual)

Expended/Encumbered as of 2/9/22:
 \$5,486,177



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design scope for drying 2022; design of biogas optimization is underway. Dewatering building construction complete; digester upgrades at 50% design.

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. The study 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	1,350,000		1,350,000						1,350,000
Land Acquisition			0						0
Construction	17,600,000		17,600,000	7,000,000	7,000,000		350,000	3,500,000	35,450,000
Inspection Fees	550,000		550,000						550,000
Equipment/Furnishing			0						0
Total Cost:	19,500,000	0	19,500,000	7,000,000	7,000,000	0	350,000	3,500,000	37,350,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	19,300,000		19,300,000						19,300,000
R7000 Future Bonds			0	7,000,000	7,000,000		350,000	3,500,000	17,850,000
			0						0
			0						0
Total Cost:	19,500,000	0	19,500,000	7,000,000	7,000,000	0	350,000	3,500,000	37,350,000



Bush Creek Pumping Station

SEWER

Project Number: S086692
Council District: A
Location: Abingdon
Est. Debt Service: \$662,500 (annual)

Expended/Encumbered as of 2/9/22:
 \$26,479,638



■ Expended/Enc.
 ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

2021-2022: evaluate controls and pump design;
 2022: modify pumps and controls
 Design scope is underway.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	1,983,283		1,983,283						1,983,283
Land Acquisition			0						0
Construction	26,416,717		26,416,717						26,416,717
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	28,400,000	0	28,400,000	0	0	0	0	0	28,400,000

FUNDING SCHEDULE

R8750 Paygo	1,900,000		1,900,000						1,900,000
R7100 Prior Bonds	26,500,000		26,500,000						26,500,000
			0						0
			0						0
			0						0
Total Cost:	28,400,000	0	28,400,000	0	0	0	0	0	28,400,000



Bynum Ridge Replacement Sewer

SEWER

Project Number: S156010
Council District: D
Location: Rock Spring
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$639,972



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Right of Way and design is underway; project is developer dependent.

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	40,000		40,000						40,000
Land Acquisition			0						0
Construction	760,000		760,000						760,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	800,000	0	800,000	0	0	0	0	0	800,000

FUNDING SCHEDULE

R8750 Paygo	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



Fallston Area Sewer

SEWER

Project Number: S196165
Council District: Multiple
Location: Various
Est. Debt Service: \$95,000 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Study/evaluation is complete. Engineering and design in future years.

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	425,000		425,000						425,000
Land Acquisition			0						0
Construction	3,375,000		3,375,000						3,375,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,800,000	0	3,800,000	0	0	0	0	0	3,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,800,000		3,800,000						3,800,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,800,000	0	3,800,000	0	0	0	0	0	3,800,000



Freys Road Sewer Petition

SEWER

Project Number: S196190
Council District: A
Location: Edgewood
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design is 90% complete, easement acquisition complete. Construction planned for 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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



Future Petition Projects

SEWER

Project Number: S215403
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
Expenditures:
Cost Savings:
None: X

Project Schedule/Status:

Design scope in development, projects may be grant reimbursable.
2022-2023: Bagleys Reserve and Glenwood area design

PROJECT DESCRIPTION:

This project provides funding for design of future sewer petition projects.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	375,000		375,000						375,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	375,000	0	375,000	0	0	0	0	0	375,000

FUNDING SCHEDULE

R8750 Paygo	375,000		375,000						375,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	375,000	0	375,000	0	0	0	0	0	375,000



Hickory Sewer Infrastructure Improvement Project

SEWER

Project Number: S196211
Council District: Multiple
Location: Various
Est. Debt Service: \$75,000 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design scope in development, engineering and design anticipated for 2022-2023.

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.

EXPENDITURE SCHEDULE

Cost Element	Prior	FY 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0						0
Construction	2,500,000		2,500,000						2,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,000,000		3,000,000						3,000,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000



Lower Bynum Run Interceptor Phase 6&7

SEWER

Project Number: S096703
Council District: C
Location: Emmorton
Est. Debt Service: \$216,179 (annual)

Expended/Encumbered as of 2/9/22:

\$7,618,845



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Phase 7 is complete, the design for phase 6 of the project is modeling dependent, estimated for calendar year 2021.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	1,370,000		1,370,000						1,370,000
Land Acquisition			0						0
Construction	7,750,324		7,750,324						7,750,324
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	9,120,324	0	9,120,324	0	0	0	0	0	9,120,324

FUNDING SCHEDULE

R7100 Prior Bonds	8,647,154		8,647,154						8,647,154
R8750 Paygo	473,170		473,170						473,170
			0						0
			0						0
			0						0
Total Cost:	9,120,324	0	9,120,324	0	0	0	0	0	9,120,324



Magnolia Sewer Petition

SEWER

Project Number: S205428
Council District: B
Location: Edgewood
Est. Debt Service: \$2,125 (annual)

Expended/Encumbered as of 2/9/22:

\$15,672



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Design in 2021-2022 and construction in 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	85,000		85,000						85,000
Land Acquisition			0						0
Construction	607,500		607,500						607,500
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	692,500	0	692,500	0	0	0	0	0	692,500

FUNDING SCHEDULE

R7100 Prior Bonds	85,000		85,000						85,000
R3399 State Other	75,000		75,000						75,000
R7910 State Loan	532,500		532,500						532,500
			0						0
			0						0
Total Cost:	692,500	0	692,500	0	0	0	0	0	692,500



Woodbridge Sewer Petition

SEWER

Project Number: S205429
Council District: B
Location: Fallston
Est. Debt Service: \$9,625 (annual)

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

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Project Schedule/Status:

Design phase underway; construction to begin calendar year 2022.

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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

FY 23 APPROVED CAPITAL IMPROVEMENT PROGRAM

Total	Prior Approp	Budget Year 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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W&S MISCELLANEOUS

Efficiency Capital Investment	480,000	455,000	25,000	0	0	0	0	0
Fleet Replacement	14,072,000	7,472,000	1,600,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Refresh Program	1,067,000	767,000	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Ops	4,366,650	3,916,650	75,000	75,000	75,000	75,000	75,000	75,000
700 MHz Wireless Radio System	607,660	649,000	(41,340)	0	0	0	0	0
Water & Sewer Facilities Repair	1,750,000	1,000,000	250,000	250,000	0	250,000	0	0
Open Projects								
Fleet Maintenance Facility	1,420,000	1,420,000	0	0	0	0	0	0
HMAN	1,220,000	1,220,000	0	0	0	0	0	0
Lease Asset	2,000,000	2,000,000	0	0	0	0	0	0
Under/Aboveground St. 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	29,533,310	21,449,650	1,958,660	1,375,000	1,125,000	1,375,000	1,125,000	1,125,000
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Paygo	23,921,650	16,546,650	1,750,000	1,125,000	1,125,000	1,125,000	1,125,000	1,125,000
Prior Paygo	(41,340)	0	(41,340)	0	0	0	0	0
Reappropriated	103,000	103,000	0	0	0	0	0	0
Future Bonds	750,000	0	250,000	250,000	0	250,000	0	0
Prior Bonds	2,420,000	2,420,000	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	2,000,000	2,000,000	0	0	0	0	0	0

W&S MISC. BY PROJECT	29,533,310	21,449,650	1,958,660	1,375,000	1,125,000	1,375,000	1,125,000	1,125,000
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FY 23 APPROVED CAPITAL BUDGET

	Total	Prior Paygo	Paygo	Prior Bonds	County Bonds	Reappro	Transfer Tax	Record. Tax	State	Federal	Develop/ Other
W&S MISCELLANEOUS											
Efficiency Capital Investments	25,000	0	25,000	0	0	0	0	0	0	0	0
Fleet Replacement	1,600,000	0	1,600,000	0	0	0	0	0	0	0	0
Refresh Program	50,000	0	50,000	0	0	0	0	0	0	0	0
Safeguarding Business Operations	75,000	0	75,000	0	0	0	0	0	0	0	0
700 MHz Wireless Radio System	(41,340)	(41,340)	0	0	0	0	0	0	0	0	0
W&S Facilities Repair Program	250,000	0	0	0	250,000	0	0	0	0	0	0
SUB-TOTAL MISCELLANEOUS	1,958,660	(41,340)	1,750,000	0	250,000	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 2/9/22:

\$233,192



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	285,000		285,000						285,000
Inspection Fees			0						0
Equipment/Furnishing	145,000	25,000	170,000						170,000
Total Cost:	455,000	25,000	480,000	0	0	0	0	0	480,000

FUNDING SCHEDULE

R8750 Paygo	75,000	25,000	100,000						100,000
R3399 State Other	380,000		380,000						380,000
			0						0
			0						0
			0						0
Total Cost:	455,000	25,000	480,000	0	0	0	0	0	480,000



Fleet Replacement

WATER & SEWER MISCELLANEOUS

Project Number: O126727
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:
 \$7,153,943



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	7,472,000	1,600,000	9,072,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	14,072,000
Total Cost:	7,472,000	1,600,000	9,072,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	14,072,000

FUNDING SCHEDULE

R8750 Paygo	7,472,000	1,600,000	9,072,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	14,072,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	7,472,000	1,600,000	9,072,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	14,072,000



Refresh Program

WATER & SEWER MISCELLANEOUS

Project Number: O136733
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$608,256



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	767,000	50,000	817,000	50,000	50,000	50,000	50,000	50,000	1,067,000
Total Cost:	767,000	50,000	817,000	50,000	50,000	50,000	50,000	50,000	1,067,000

FUNDING SCHEDULE

R8750 Paygo	767,000	50,000	817,000	50,000	50,000	50,000	50,000	50,000	1,067,000
			0						0
			0						0
			0						0
			0						0
Total Cost:	767,000	50,000	817,000	50,000	50,000	50,000	50,000	50,000	1,067,000



Safeguarding Business Operations

WATER & SEWER MISCELLANEOUS

Project Number: O116716
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$3,416,612



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,916,650	75,000	3,991,650	75,000	75,000	75,000	75,000	75,000	4,366,650
Total Cost:	3,916,650	75,000	3,991,650	75,000	75,000	75,000	75,000	75,000	4,366,650

FUNDING SCHEDULE

R8750 Paygo	3,916,650	75,000	3,991,650	75,000	75,000	75,000	75,000	75,000	4,366,650
			0						0
			0						0
			0						0
			0						0
Total Cost:	3,916,650	75,000	3,991,650	75,000	75,000	75,000	75,000	75,000	4,366,650



700 MHz Wireless Radio System Equipment

WATER

Project Number: O126728
Council District: Multiple
Location: Various
Est. Debt Service: (annual)

Expended/Encumbered as of 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	103,000		103,000						103,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	546,000	(41,340)	504,660						504,660
Total Cost:	649,000	(41,340)	607,660	0	0	0	0	0	607,660

FUNDING SCHEDULE

R8089 Reappr. Paygo	103,000		103,000						103,000
R8750 Paygo	546,000		546,000						546,000
R8751 Prior Paygo		(41,340)	(41,340)						(41,340)
			0						0
			0						0
Total Cost:	649,000	(41,340)	607,660	0	0	0	0	0	607,660



Water & Sewer Facilities Repair Program

WATER & SEWER MISCELLANEOUS

Project Number: W205427
Council District: Multiple
Location: Various
Est. Debt Service: \$31,250 (annual)

Expended/Encumbered as of 2/9/22:

\$140,437



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

FY 22: 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0						0
Construction	500,000	250,000	750,000	250,000		250,000			1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost:	1,000,000	250,000	1,250,000	250,000	0	250,000	0	0	1,750,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,000,000		1,000,000						1,000,000
R7000 Future Bonds		250,000	250,000	250,000		250,000			750,000
			0						0
			0						0
			0						0
Total Cost:	1,000,000	250,000	1,250,000	250,000	0	250,000	0	0	1,750,000

OPEN / ACTIVE PROJECTS



Fleet Maintenance Facility

WATER & SEWER MISCELLANEOUS

Project Number: O186037
Council District: C
Location: Hickory
Est. Debt Service: \$35,500 (annual)

Expended/Encumbered as of 2/9/22:

\$1,099,953



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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)

Expended/Encumbered as of 2/9/22:

\$1,174,479



■ 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 Asset

WATER & SEWER MISCELLANEOUS

Project Number: O215402
Council District: Multiple
Location: Various
Est. Debt Service: \$0 (annual)

Expended/Encumbered as of 2/9/22:

\$0



Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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	2,000,000		2,000,000						2,000,000
			0						0
			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 2/9/22:

\$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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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 2/9/22:

\$1,065,473



■ Expended/Enc. ■ Budget

Operating Budget Impact

Revenues:
 Expenditures:
 Cost Savings:
 None: X

Project Schedule/Status:

Implementation is underway 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 2023	Approp Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	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