



HARFORD

COUNTY

BARRY GLASSMAN, COUNTY EXECUTIVE



Fiscal Year 2022

APPROVED

Annual Capital Budget &
Capital Improvement Program

HARFORD COUNTY, MARYLAND
APPROVED ANNUAL CAPITAL BUDGET AND CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2021-2022



BARRY GLASSMAN, COUNTY EXECUTIVE

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HARFORD COUNTY COUNCIL

Council President
Patrick S. Vincenti

Andre V. Johnson - District A
Joseph M. Woods - District B
Tony "G" Giangiordano - District C
Chad Shrodes - District D
Robert S. Wagner - District E
Curtis L. Beulah - District F

Harford County Government
Department of Administration, Budget and Management Research
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July, 2021

Elected Officials



**Harford County
Government**



**County Executive
Barry Glassman**

Elected Officials



Harford County Government



Andre V. Johnson
District A



Joseph M. Woods
District B



**Tony "G"
Giangiordano**
District C



Patrick S. Vincenti
Council President



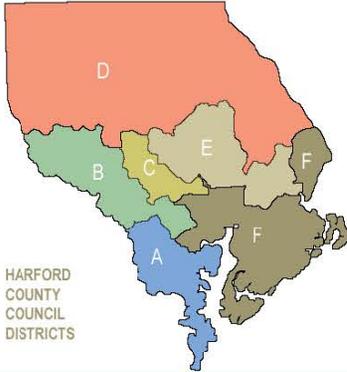
Chad Shrodes
District D



Robert S. Wagner
District E



Curtis L. Beulah
District F



HARFORD
COUNTY
COUNCIL
DISTRICTS



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

Harford County

Maryland

For the Fiscal Year Beginning

July 1, 2020

Christopher P. Morill

Executive Director

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

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Harford County, Maryland for its annual budget for the fiscal year beginning July 1, 2020.

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

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

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**HARFORD COUNTY, MARYLAND
ANNUAL PROPOSED CAPITAL BUDGET AND CAPITAL
IMPROVEMENT PROGRAM FISCAL YEAR 2021-2022
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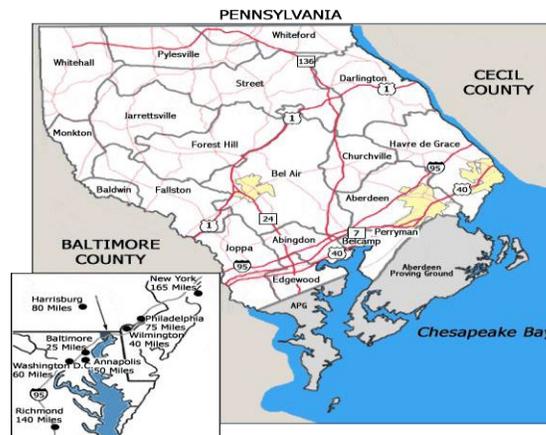
INTRODUCTION

I COUNTY OVERVIEW

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

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

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



* Per the MD Geological Survey 1/24/07

INTRODUCTION

II WHY CAPITAL PROGRAMMING

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

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

III CAPITAL PROGRAM OBJECTIVES

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

INTRODUCTION

IV FACTORS FOR INCLUSION IN THE CAPITAL PROGRAM

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

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

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

V CAPITAL PROGRAM PROJECT PROFILE

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

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

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

VI THE BASIS FOR HARFORD COUNTY'S CAPITAL BUDGET POLICY

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

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

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

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A HARFORD COUNTY CHARTER, ARTICLE V, BUDGET AND FINANCE

1 ARTICLE V, BUDGET AND FINANCE

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

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

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

The County may incur debt per the Charter, however:

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

2 PLANNING ADVISORY BOARD

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

INTRODUCTION

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

B ANNOTATED CODE OF MARYLAND – DEBT LIMIT

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

C CODE OF HARFORD COUNTY, MARYLAND – FISCAL IMPACT STATEMENTS

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

D HARFORD COUNTY’S FIVE YEAR BUSINESS PLAN

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

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

INTRODUCTION

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

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

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

INTRODUCTION

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

VII CAPITAL IMPROVEMENT BUDGET POLICIES

A GENERALLY

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

B FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

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

INTRODUCTION

C FINANCING PROJECTS

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

VIII HARFORD COUNTY'S ADMINISTRATIVE FISCAL POLICIES

A LONG TERM FINANCING TECHNIQUES

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

INTRODUCTION

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

B MULTIPLE USE OF FACILITIES

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

IX HARFORD COUNTY'S ACCOUNTING POLICIES

A FUND CATEGORIES

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

Harford County Government maintains 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.

INTRODUCTION

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

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C BASIS OF BUDGETING

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

X HARFORD COUNTY'S BUDGET POLICIES

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

A FUND STRUCTURE

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

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

1 PROJECT TYPES

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

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

INTRODUCTION

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

INTRODUCTION

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

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

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

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

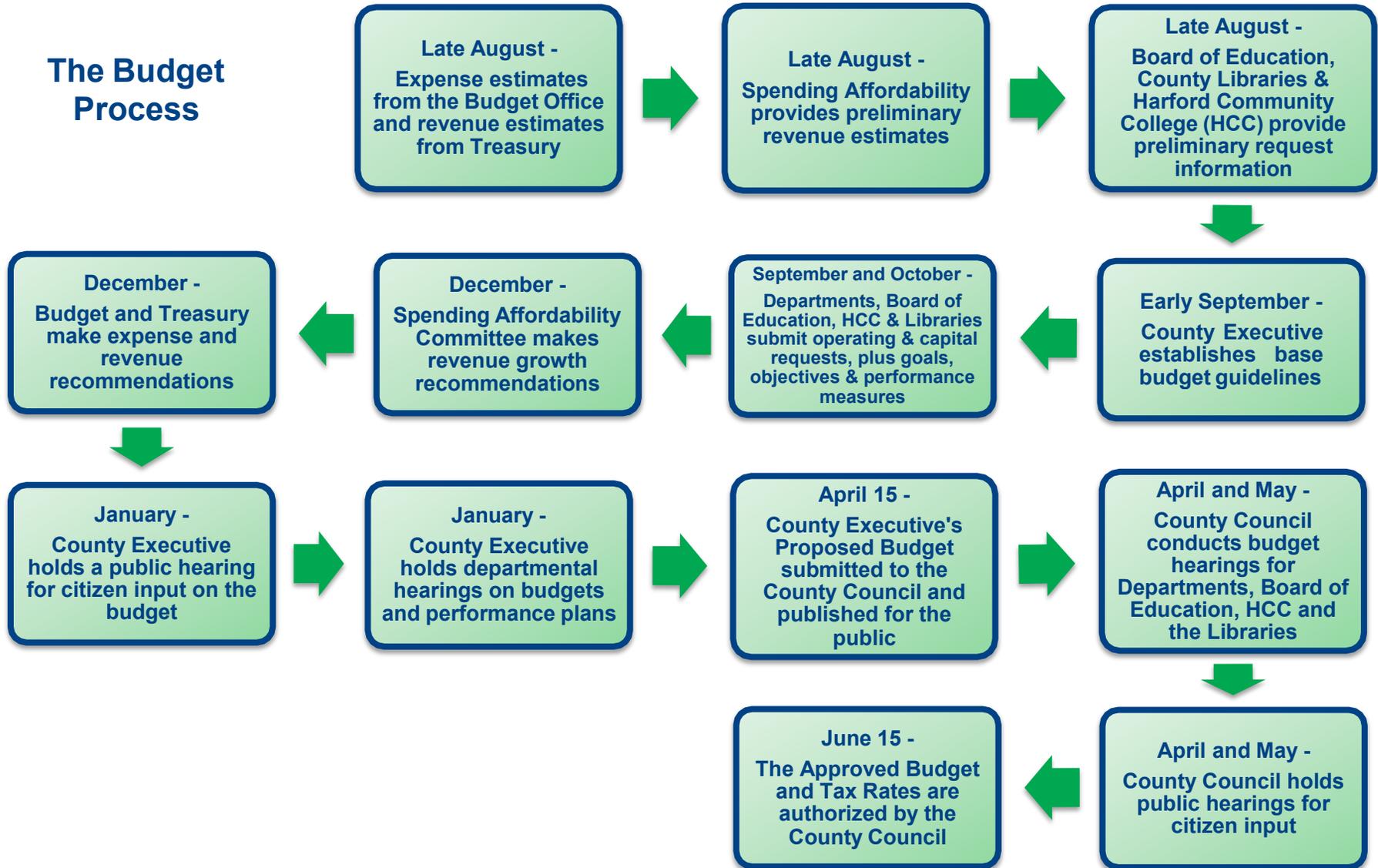
Type of Residential Development

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

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

INTRODUCTION

The Budget Process



INTRODUCTION

XII THE COUNTY'S CAPITAL BUDGET CALENDAR

LATE AUGUST

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

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

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

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

EARLY SEPTEMBER

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

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

INTRODUCTION

EARLY OCTOBER

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

NOVEMBER

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

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

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

DECEMBER

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

INTRODUCTION

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

JANUARY

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

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

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

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

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

FEBRUARY

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

LATE FEBRUARY THROUGH LATE MARCH

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

INTRODUCTION

APRIL 15

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

APRIL THROUGH MAY

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

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

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

JUNE 15

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

XIII OUTSIDE AGENCIES

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

INTRODUCTION

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

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

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM			
					FY 2024	FY 2025	FY 2026	FY 2027
TOTAL COUNTY BY CATEGORY								
GENERAL FUND								
General Capital	388,054,152	162,243,240	55,060,912	33,450,000	35,450,000	33,450,000	34,950,000	33,450,000
Watershed Management	145,925,358	75,952,508	12,472,850	11,300,000	11,400,000	11,500,000	11,600,000	11,700,000
Sheriff/Emergency/Fire	106,823,568	71,291,340	18,110,000	5,205,557	3,205,557	3,205,557	3,205,557	2,600,000
Harford Community College	54,375,678	19,447,375	6,505,000	22,824,345	5,598,958	0	0	0
Library	12,185,100	10,685,100	250,000	250,000	250,000	250,000	250,000	250,000
Board of Education	391,614,769	266,498,509	52,853,260	36,131,500	36,131,500	0	0	0
SUB-TOTAL GENERAL FUND PROJECTS	1,098,978,625	606,118,072	145,252,022	109,161,402	92,036,015	48,405,557	50,005,557	48,000,000
SOLID WASTE SERVICES	22,726,723	22,017,635	84,088	125,000	125,000	125,000	125,000	125,000
PARKS & RECREATION	189,117,520	105,934,020	20,128,500	15,200,000	17,180,000	6,935,000	7,955,000	15,785,000
HIGHWAYS FUND								
Bridges	79,935,912	33,160,912	7,950,000	7,165,000	9,150,000	7,275,000	8,150,000	7,085,000
Roadways	56,215,648	34,780,648	6,135,000	6,985,000	1,585,000	1,235,000	3,335,000	2,160,000
Resurfacing	82,300,976	36,300,976	16,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Other	62,420,750	37,120,750	4,825,000	5,075,000	3,775,000	3,875,000	3,875,000	3,875,000
TOTAL HIGHWAYS PROJECTS	280,873,286	141,363,286	34,910,000	25,225,000	20,510,000	18,385,000	21,360,000	19,120,000
WATER & SEWER FUNDS								
Water Projects	67,857,211	38,590,000	3,517,211	3,150,000	6,950,000	8,400,000	5,700,000	1,550,000
Sewer Projects	135,186,554	85,794,375	12,842,179	12,150,000	7,200,000	3,500,000	4,900,000	8,800,000
Miscellaneous Projects	28,625,650	16,175,650	2,075,000	1,925,000	2,425,000	2,175,000	1,925,000	1,925,000
TOTAL WATER & SEWER PROJECTS	231,669,415	140,560,025	18,434,390	17,225,000	16,575,000	14,075,000	12,525,000	12,275,000
COUNTY TOTAL BY PROJECTS	1,823,365,569	1,015,993,038	218,809,000	166,936,402	146,426,015	87,925,557	91,970,557	95,305,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM			
					FY 2024	FY 2025	FY 2026	FY 2027

TOTAL COUNTY BY FUND SOURCE

Paygo (All)	377,419,683	236,409,276	24,693,179	21,810,557	26,490,557	21,115,557	23,645,557	23,255,000
Impact Fee	0	0	0	0	0	0	0	0
Future Bonds	264,033,894	0	66,165,000	76,245,137	50,983,757	25,205,000	21,360,000	24,075,000
Prior Bonds	527,933,894	527,933,894	0	0	0	0	0	0
Reappropriated	3,690,144	3,460,754	229,390	0	0	0	0	0
Transfer Tax	55,604,535	104,535	8,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000
Recordation Tax	111,101,953	24,296,953	15,125,000	14,915,000	14,640,000	13,135,000	13,960,000	15,030,000
State	247,910,522	137,754,516	37,611,260	30,590,708	24,504,038	5,400,000	5,650,000	6,400,000
Program Open Space	32,992,000	18,048,500	2,568,500	1,925,000	3,050,000	1,340,000	1,930,000	4,130,000
Federal	86,568,276	27,918,276	40,030,000	2,540,000	4,760,000	3,020,000	4,560,000	3,740,000
Developer/Other	50,069,651	29,025,317	17,886,671	410,000	1,497,663	210,000	865,000	175,000
Lease Purchase	2,041,017	2,041,017	0	0	0	0	0	0
Lease Finance	64,000,000	9,000,000	6,500,000	9,000,000	11,000,000	9,000,000	10,500,000	9,000,000

COUNTY TOTAL BY FUNDING SOURCE	1,823,365,569	1,015,993,038	218,809,000	166,936,402	146,426,015	87,925,557	91,970,557	95,305,000
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**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
GENERAL FUND									
GENERAL CAPITAL									
FY 22 Funded Projects									
Board of Education Debt Service 22	124,880,000	0	19,880,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000
Disparity Study	600,000	0	600,000	0	0	0	0	0	0
Efficiency Capital Investment Projects	1,185,400	1,160,400	25,000	0	0	0	0	0	0
Facilities Repair Program	49,518,213	34,012,301	5,505,912	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Fleet Replacement	27,540,000	15,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Harford County Metro Area Network (HMAN)	36,280,000	16,280,000	20,000,000	0	0	0	0	0	0
Lease Revenue General	50,000,000	7,000,000	4,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000	7,000,000
Refresh Program	5,353,478	3,603,478	500,000	250,000	250,000	250,000	250,000	250,000	250,000
Safeguarding Business Operations	21,875,400	18,025,400	1,350,000	500,000	500,000	500,000	500,000	500,000	500,000
Site Acquisition	28,607,761	25,607,761	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Underground and Aboveground Storage Tank Management	2,344,000	1,144,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Open Projects									
Abingdon Library Window and HVAC Replacement	1,259,000	1,259,000	0	0	0	0	0	0	0
Courthouse Building Repairs	10,034,900	10,034,900	0	0	0	0	0	0	0
Fleet Maintenance Facility	16,126,000	16,126,000	0	0	0	0	0	0	0
Harford County Agricultural Research and Exposition Center	2,800,000	2,800,000	0	0	0	0	0	0	0
Harford Cable Network High-Definition Upgrade	600,000	600,000	0	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0	0
1201 Technology Drive	2,000,000	2,000,000	0	0	0	0	0	0	0
General Capital Total by Project	388,054,152	162,243,240	55,060,912	33,450,000	35,450,000	33,450,000	34,950,000	33,450,000	33,450,000
Paygo	62,453,491	44,578,491	4,125,000	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000
Prior Paygo	0	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0	0
Future Bonds	19,440,000	0	5,940,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000
Prior Bonds	100,920,069	100,879,157	40,912	0	0	0	0	0	0
Transfer Tax	55,500,000	0	8,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000
Recordation Tax	69,380,000	0	11,880,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000
State	13,995,400	3,770,400	10,225,000	0	0	0	0	0	0
Federal	13,075,692	2,725,692	10,350,000	0	0	0	0	0	0
Developer/Other	1,729,500	1,729,500	0	0	0	0	0	0	0
Lease Purchase	1,560,000	1,560,000	0	0	0	0	0	0	0
Lease Revenue	50,000,000	7,000,000	4,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000	7,000,000
General Capital Total by Fund	388,054,152	162,243,240	55,060,912	33,450,000	35,450,000	33,450,000	34,950,000	33,450,000	33,450,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
WATERSHED MANAGEMENT									
FY 22 Funded Projects									
County Owned Stormwater Mngmnt Rehabilitation & Repair	1,000,000	350,000	150,000	100,000	100,000	100,000	100,000	100,000	100,000
County Owned Watershed Restoration Improvements	36,350,000	15,400,000	3,775,000	3,275,000	3,325,000	3,425,000	3,525,000	3,625,000	3,625,000
Joppatowne Area Watershed Restoration	8,300,000	5,800,000	150,000	150,000	550,000	550,000	550,000	550,000	550,000
Maintenance/Repair of Stormwater Facilities	872,850	0	872,850	0	0	0	0	0	0
Middle Bynum Run Watershed Restoration Improvements	5,250,000	1,450,000	200,000	600,000	750,000	750,000	750,000	750,000	750,000
Plumtree Run Watershed Restoration	13,143,452	7,643,452	1,000,000	900,000	900,000	900,000	900,000	900,000	900,000
Riverside Area Watershed Restoration	9,635,886	3,585,886	975,000	1,575,000	875,000	875,000	875,000	875,000	875,000
Sams Branch Watershed Restoration	6,172,922	3,772,922	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Septic System Disconnection	900,000	500,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000
Stormwater Pollution Prevention	2,331,395	1,331,395	250,000	150,000	150,000	150,000	150,000	150,000	150,000
Upper Bynum Run Watershed Restoration Improvements	14,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Watershed Restoration Assessment	16,800,000	8,500,000	1,300,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
Watershed Restoration Improvements	10,450,000	6,250,000	650,000	550,000	750,000	750,000	750,000	750,000	750,000
Watershed Restoration Maintenance	1,360,000	560,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000
Wheel Creek Watershed Restoration	7,489,607	7,189,607	300,000	0	0	0	0	0	0
Outyear Projects									
Maintenance/Repair of Dams	2,755,000	2,505,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Open Projects									
Bynum Run @ St. Andrews Way Stream Restoration	2,297,026	2,297,026	0	0	0	0	0	0	0
Lilly Run Watershed Restoration	725,000	725,000	0	0	0	0	0	0	0
Stormwater Enhancement	900,000	900,000	0	0	0	0	0	0	0
Sunnyview Stream Restoration	5,192,220	5,192,220	0	0	0	0	0	0	0
Watershed Management Total by Project	145,925,358	75,952,508	12,472,850	11,300,000	11,400,000	11,500,000	11,600,000	11,700,000	11,700,000
Paygo - Special Dedicated Paygo	10,287,508	7,187,508	850,000	450,000	450,000	450,000	450,000	450,000	450,000
Prior Bonds	36,300,000	36,300,000	0	0	0	0	0	0	0
Future Bonds	42,000,000	0	6,750,000	6,850,000	6,950,000	7,050,000	7,150,000	7,250,000	7,250,000
Reappropriated	0	0	0	0	0	0	0	0	0
Recordation Tax	200,000	200,000	0	0	0	0	0	0	0
State	48,557,016	25,157,016	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000
Federal	4,197,984	3,597,984	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Developer/Other	4,382,850	3,510,000	872,850	0	0	0	0	0	0
Watershed Management Total by Fund	145,925,358	75,952,508	12,472,850	11,300,000	11,400,000	11,500,000	11,600,000	11,700,000	11,700,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM					
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
PUBLIC SAFETY									
FY 22 Funded Projects:									
HCSO Body Worn Camera Program	2,772,228	0	350,000	605,557	605,557	605,557	605,557	605,557	0
HCSO Computer Equipment/Networks	3,480,415	3,020,415	460,000	0	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	0	6,000,000	0	0	0	0	0	0
Mobile/Portable Radio System Upgrade	8,765,000	5,265,000	2,000,000	1,100,000	100,000	100,000	100,000	100,000	100,000
Next-Gen 911	17,735,000	6,735,000	3,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
North Harford Station	4,700,000	2,700,000	2,000,000	0	0	0	0	0	0
Susquehanna Hose Company House 1	2,000,000	0	1,000,000	1,000,000	0	0	0	0	0
VFC Facility Repair	6,510,000	3,110,000	1,400,000	400,000	400,000	400,000	400,000	400,000	400,000
VFC Public Safety Equipment	6,525,000	2,125,000	1,400,000	600,000	600,000	600,000	600,000	600,000	600,000
Open Projects									
Aberdeen VFC Main Station Renovation	1,500,000	1,500,000	0	0	0	0	0	0	0
Emergency Operations Center Complex	37,494,525	37,494,525	0	0	0	0	0	0	0
HCSO Mobile Data Terminal Replacement	551,400	551,400	0	0	0	0	0	0	0
Joppa Magnolia Fire Station Expansion	1,240,000	1,240,000	0	0	0	0	0	0	0
Multi-Agency Public Safety Mobile Command Center	1,800,000	1,800,000	0	0	0	0	0	0	0
Public Safety Communication in School Buildings	750,000	750,000	0	0	0	0	0	0	0
Riverside Fire and EMS Station	3,800,000	3,800,000	0	0	0	0	0	0	0
Whiteford VFC Renovation of Main Station	1,200,000	1,200,000	0	0	0	0	0	0	0
Public Safety Total by Project	106,823,568	71,291,340	18,110,000	5,205,557	3,205,557	3,205,557	3,205,557	3,205,557	2,600,000
Paygo	24,003,551	14,771,323	810,000	2,605,557	1,605,557	1,605,557	1,605,557	1,605,557	1,000,000
Future Bonds	5,500,000	0	4,000,000	1,100,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	46,076,500	46,076,500	0	0	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0	0
State	18,098,000	7,098,000	3,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Federal	12,002,000	2,202,000	9,800,000	0	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0	0
Lease Purchase	481,017	481,017	0	0	0	0	0	0	0
Public Safety Total by Fund	106,823,568	71,291,340	18,110,000	5,205,557	3,205,557	3,205,557	3,205,557	3,205,557	2,600,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM			FY 2027
			FY 2022		FY 2024	FY 2025	FY 2026	
HARFORD COMMUNITY COLLEGE								
<u>FY 22 Funded Projects:</u>								
Chesapeake Welcome Center	38,818,728	3,890,425	6,505,000	22,824,345	5,598,958	0	0	0
<u>Open Projects:</u>								
Edgewood Hall Renovation and 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
College Total by Project	54,375,678	19,447,375	6,505,000	22,824,345	5,598,958	0	0	0
Future Bonds	16,500,770	0	1,462,000	13,517,575	1,521,195	0	0	0
Prior Bonds	9,676,575	9,676,575	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
State	26,825,670	9,770,800	5,043,000	9,306,770	2,705,100	0	0	0
Other	1,372,663	0	0	0	1,372,663	0	0	0
College Total by Fund	54,375,678	19,447,375	6,505,000	22,824,345	5,598,958	0	0	0
LIBRARIES								
<u>FY 22 Funded Projects:</u>								
Technology	3,109,100	1,609,100	250,000	250,000	250,000	250,000	250,000	250,000
<u>Open Projects:</u>								
Darlington Branch - Expansion	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 Total by Project	12,185,100	10,685,100	250,000	250,000	250,000	250,000	250,000	250,000
Paygo	3,165,100	1,665,100	250,000	250,000	250,000	250,000	250,000	250,000
Prior Bonds	6,720,000	6,720,000	0	0	0	0	0	0
State	1,000,000	1,000,000	0	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Developer/Other	900,000	900,000	0	0	0	0	0	0
Libraries Total by Fund	12,185,100	10,685,100	250,000	250,000	250,000	250,000	250,000	250,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM				
			YEAR FY 2022		FY 2024	FY 2025	FY 2026	FY 2027	
BOARD OF EDUCATION									
<u>FY 22 Projects</u>									
Abingdon Elementary School Central Plant	2,378,000	0	2,378,000	0	0	0	0	0	0
Athletic and Recreation Repairs and Improvements	673,937	473,937	200,000	0	0	0	0	0	0
Bel Air ES HVAC Systemic Renovation & Open Space Enclosure	7,509,236	7,644,000	(134,764)	0	0	0	0	0	0
Educational Facility Program	3,905,247	1,945,671	1,959,576	0	0	0	0	0	0
Fleet Replacement	5,510,159	1,558,159	3,952,000	0	0	0	0	0	0
HCPS Facilities Master Plan	870,000	670,000	200,000	0	0	0	0	0	0
HCPS Facilities Repair Program	1,173,665	923,665	250,000	0	0	0	0	0	0
HCPS Site Improvements	2,075,000	0	2,075,000	0	0	0	0	0	0
Homestead Wakefield Elementary School Major Project	78,263,000	0	6,000,000	36,131,500	36,131,500	0	0	0	0
Joppatowne High School Limited Renovation Project	42,057,260	23,510,000	18,547,260	0	0	0	0	0	0
Life, Health, Safety and Compliance Measures	2,425,226	688,226	1,737,000	0	0	0	0	0	0
Major HVAC	1,467,330	1,324,990	142,340	0	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	4,356,702	4,364,278	(7,576)	0	0	0	0	0	0
Roof Replacement - Center for Educational Opportunity (CEO)	4,329,000	0	4,329,000	0	0	0	0	0	0
Roof Replacement - Hickory Elementary School	3,306,424	4,016,000	(709,576)	0	0	0	0	0	0
Technology Infrastructure	13,355,860	1,420,860	11,935,000	0	0	0	0	0	0
<u>Open Projects</u>									
Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0	0
Center for Educational Opportunity	4,625,000	4,625,000	0	0	0	0	0	0	0
Fallston High School Comprehensive HVAC Systemic Project	17,546,940	17,546,940	0	0	0	0	0	0	0
George D. Lisby HVAC Systemic Renovation	9,250,000	9,250,000	0	0	0	0	0	0	0
Havre de Grace Middle/High School Replacement	99,268,000	99,268,000	0	0	0	0	0	0	0
North Bend Elementary School Central Plant & Fire Alarm Upgrade	2,031,000	2,031,000	0	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	4,685,000	0	0	0	0	0	0	0
Relocatable Classrooms	2,706,896	2,706,896	0	0	0	0	0	0	0
Roof Replacement - Bel Air Middle School	7,480,000	7,480,000	0	0	0	0	0	0	0
Roye Williams HVAC Systemic Renovation	11,720,000	11,720,000	0	0	0	0	0	0	0
Security Initiative Program for Schools	1,728,000	1,728,000	0	0	0	0	0	0	0
Security Measures	2,481,600	2,481,600	0	0	0	0	0	0	0
Textbook/Supplemental Materials Refresh	4,909,421	4,909,421	0	0	0	0	0	0	0
Youth's Benefit Elementary School Replacement	48,861,866	48,861,866	0	0	0	0	0	0	0
Education Total by Project	391,614,769	266,498,509	52,853,260	36,131,500	36,131,500	0	0	0	0

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2022		FY 2024	FY 2025	FY 2026	FY 2027
BOARD OF EDUCATION								
Paygo	13,703,203	10,841,203	2,862,000	0	0	0	0	0
Future Bonds	61,183,124	0	20,688,000	20,247,562	20,247,562	0	0	0
Prior Bonds	169,022,375	169,022,375	0	0	0	0	0	0
Reappropriated	640,000	640,000	0	0	0	0	0	0
Transfer Tax	104,535	104,535	0	0	0	0	0	0
State	123,900,636	79,829,500	12,303,260	15,883,938	15,883,938	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	23,060,896	6,060,896	17,000,000	0	0	0	0	0
Education Total by Fund	391,614,769	266,498,509	52,853,260	36,131,500	36,131,500	0	0	0
SUB-TOTAL GENERAL FUND CAPITAL	1,098,978,625	606,118,072	145,252,022	109,161,402	92,036,015	48,405,557	50,005,557	48,000,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM				
					FY 2024	FY 2025	FY 2026	FY 2027	
SOLID WASTE SERVICES									
<u>FY 22 Funded Projects:</u>									
HWDC Compost Area Facilities	484,088	525,000	(40,912)	0	0	0	0	0	0
HWDC Landfill Capping	10,320,000	9,570,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
<u>Open Projects:</u>									
Environmental Studies and Projects	233,801	233,801	0	0	0	0	0	0	0
HWDC Pavement Upgrades	800,000	800,000	0	0	0	0	0	0	0
Scarboro Landfill Groundwater Trmnt. Plant Eval & Upgrades	250,000	250,000	0	0	0	0	0	0	0
Solid Waste Facilities Repair Program	2,000,000	2,000,000	0	0	0	0	0	0	0
Tollgate Yard Trim Recycling Center	475,081	475,081	0	0	0	0	0	0	0
Waste-to-Energy Facility Closure	8,163,753	8,163,753	0	0	0	0	0	0	0
Solid Waste Services Total by Project	22,726,723	22,017,635	84,088	125,000	125,000	125,000	125,000	125,000	125,000
Paygo	20,293,321	19,543,321	125,000	125,000	125,000	125,000	125,000	125,000	125,000
Prior Paygo	0	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0	0
Prior Bonds	2,433,402	2,474,314	(40,912)	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0
Solid Waste Services Total by Fund	22,726,723	22,017,635	84,088	125,000	125,000	125,000	125,000	125,000	125,000

TOTAL GENERAL FUND CAPITAL	1,121,705,348	628,135,707	145,336,110	109,286,402	92,161,015	48,530,557	50,130,557	48,125,000
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**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM					
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
<u>PARKS & RECREATION FUND</u>									
<u>FY 22 Funded Projects:</u>									
Aberdeen Activity Center	9,000,000	0	9,000,000	0	0	0	0	0	0
Anita C. Leight Center Improvements	1,055,000	1,005,000	50,000	0	0	0	0	0	0
Athletic Field Improvements	35,050,000	20,050,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Benson Field Development	1,275,000	0	100,000	0	1,000,000	0	0	0	175,000
Bulkhead Renovations	555,000	0	40,000	0	515,000	0	0	0	0
Dog Park Construction & Improvements	953,500	90,000	583,500	0	90,000	90,000	0	0	100,000
Emily Bayless Graham Park	4,145,000	3,045,000	350,000	0	250,000	0	500,000	0	0
Emmorton Recreation and Tennis Center Improvements	2,210,000	1,785,000	25,000	0	0	0	400,000	0	0
Facility Renovations	1,249,000	459,000	190,000	100,000	100,000	100,000	150,000	150,000	150,000
Heavenly Waters Park - Soma	800,000	100,000	100,000	525,000	0	75,000	0	0	0
Mariner Point Park - DMP Site Remediation	1,200,000	100,000	1,100,000	0	0	0	0	0	0
McFaul Activity Center Renovations	250,000	0	250,000	0	0	0	0	0	0
Norrisville Park	2,525,000	125,000	1,250,000	600,000	0	0	0	0	550,000
Oakington Peninsula Park System	2,400,000	0	250,000	0	150,000	1,000,000	0	0	1,000,000
Park Improvements	455,000	155,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Parking Lot Paving	1,799,000	954,000	195,000	150,000	150,000	0	175,000	175,000	175,000
Parkland Acquisition	19,746,000	11,761,000	1,560,000	1,075,000	1,075,000	1,075,000	1,600,000	1,600,000	1,600,000
Playground Equipment	6,140,000	2,855,000	1,795,000	175,000	175,000	240,000	400,000	500,000	500,000
Prospect Mill Park	610,000	0	250,000	0	0	0	180,000	180,000	180,000
SWM Pond Repair and Renovation	1,325,000	710,000	195,000	120,000	0	150,000	0	150,000	150,000
Tennis/Multipurpose Court	2,260,000	1,390,000	170,000	100,000	150,000	150,000	150,000	150,000	150,000
Vale Road Park	1,275,000	0	125,000	1,000,000	0	0	150,000	0	0
<u>Outyear Projects</u>									
ADA Improvements	850,000	395,000	0	75,000	0	100,000	140,000	140,000	140,000
Backstop Renovations	475,000	270,000	0	50,000	0	50,000	65,000	40,000	40,000
Blake's Venture Park	1,100,000	0	0	0	0	100,000	0	1,000,000	0
Bleacher Renovations	650,000	490,000	0	80,000	0	80,000	0	0	0
Bush River Dredging and DMP Site	1,090,000	990,000	0	0	0	0	0	100,000	100,000
Canoe and Kayak Water Access	1,855,000	1,280,000	0	0	325,000	0	250,000	0	0
Churchville Center Renovations	1,175,000	575,000	0	100,000	500,000	0	0	0	0
Darlington Park Development	2,035,000	1,985,000	0	0	0	50,000	0	0	0
Debris/Derelict Boats	200,000	100,000	0	0	0	0	100,000	0	0
Demarco Memorial Park Improvements	140,000	40,000	0	0	0	0	0	100,000	100,000
Disc Golf Course	100,000	50,000	0	0	0	50,000	0	0	0
Eden Mill Park Rehabilitation	1,480,000	1,255,000	0	0	100,000	0	0	0	125,000
Edgeley Grove Farm	940,000	140,000	0	0	0	50,000	0	750,000	0
Edgewood Recreation and Community Center	425,000	225,000	0	200,000	0	0	0	0	0
Edgewood Recreation Park	800,000	50,000	0	100,000	500,000	0	0	0	150,000
Enlarged Gymnasiums & Joint Facilities	1,900,000	1,200,000	0	0	700,000	0	0	0	0
Equestrian Center Improvements	975,000	575,000	0	0	100,000	0	300,000	0	0
Flying Point Park Improvements	1,203,000	1,053,000	0	0	0	0	150,000	0	0
Graybeal Fields	125,000	0	0	0	0	125,000	0	0	0
Gunpowder River Dredging	3,384,000	2,234,000	0	0	0	0	150,000	1,000,000	0

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
<u>PARKS & RECREATION FUND</u>									
<u>Outyear Projects (cont.)</u>									
Gymnasium Floor Repair and Renovation	410,000	210,000	0	50,000	0	50,000	50,000	50,000	50,000
Jarrettsville Recreation Complex/Center	7,410,775	710,775	0	6,500,000	200,000	0	0	0	0
Joppa/Joppatowne Youth/Senior Center	7,300,000	0	0	500,000	6,500,000	300,000	0	0	0
Northern Regional Park	6,825,000	575,000	0	250,000	1,500,000	0	0	0	4,500,000
Rockfield Park Improvements	470,000	270,000	0	100,000	0	0	100,000	0	0
Perryman Park Development	1,270,000	120,000	0	500,000	500,000	0	150,000	0	0
Robert Copenhagen Park Improvements	550,000	300,000	0	250,000	0	0	0	0	0
Rock Glenn Park	1,450,000	1,300,000	0	0	0	0	150,000	0	0
Swan Harbor Farm Improvements	1,014,000	764,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Tollgate Woodshop	85,000	40,000	0	0	0	0	45,000	0	0
Trails & Linear Parks	18,200,000	17,200,000	0	0	0	500,000	0	500,000	0
<u>Open Projects</u>									
Cedar Lane Sports Complex Improvements	2,461,000	2,461,000	0	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0	0
Forest Hill Recreation Complex Improvements	800,000	800,000	0	0	0	0	0	0	0
Fox Meadows Park Improvements	450,000	450,000	0	0	0	0	0	0	0
Francis Silver Park Improvements	425,000	425,000	0	0	0	0	0	0	0
Heavenly Waters Park	2,120,000	2,120,000	0	0	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	1,474,000	1,474,000	0	0	0	0	0	0	0
Mariner Point Park Renovations	736,000	736,000	0	0	0	0	0	0	0
Nuttal Avenue Park Development	650,000	650,000	0	0	0	0	0	0	0
Otter Point Creek Boat Launch	560,000	560,000	0	0	0	0	0	0	0
Schucks Road Regional Complex	8,110,415	8,110,415	0	0	0	0	0	0	0
Tudor Hall Rehabilitation	610,000	610,000	0	0	0	0	0	0	0
Parks & Rec Total by Project	189,117,520	105,934,020	20,128,500	15,200,000	17,180,000	6,935,000	7,955,000	15,785,000	15,785,000
Paygo	4,471,322	4,471,322	0	0	0	0	0	0	0
Paygo - Parks and Recreation Fund	905,000	655,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Future Bonds	44,700,000	0	11,500,000	9,500,000	10,400,000	3,800,000	2,500,000	7,000,000	7,000,000
Prior Bonds	34,206,830	34,206,830	0	0	0	0	0	0	0
Reappropriated	1,979,415	1,979,415	0	0	0	0	0	0	0
Recordation Tax	41,521,953	24,096,953	3,245,000	3,415,000	3,140,000	1,635,000	2,460,000	3,530,000	3,530,000
State	9,486,000	5,081,000	2,640,000	0	515,000	0	250,000	1,000,000	1,000,000
Program Open Space	32,992,000	18,048,500	2,568,500	1,925,000	3,050,000	1,340,000	1,930,000	4,130,000	4,130,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0	0
Developer	175,000	0	175,000	0	0	0	0	0	0
Other	11,445,000	10,160,000	0	310,000	25,000	110,000	765,000	75,000	75,000
Parks & Rec Total by Fund	189,117,520	105,934,020	20,128,500	15,200,000	17,180,000	6,935,000	7,955,000	15,785,000	15,785,000
TOTAL PARKS & RECREATION CAPITAL	189,117,520	105,934,020	20,128,500	15,200,000	17,180,000	6,935,000	7,955,000	15,785,000	15,785,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM				
					FY 2024	FY 2025	FY 2026	FY 2027	

HIGHWAYS FUND

BRIDGES

FY 22 Funded Projects:

Abingdon Road Bridge #169 over CSX	5,230,000	1,830,000	3,400,000	0	0	0	0	0
Boggs Road Bridge #66	1,400,000	250,000	50,000	1,100,000	0	0	0	0
Bridge and Culvert Rehabilitation	9,950,000	5,350,000	850,000	750,000	750,000	750,000	750,000	750,000
Bridge and Road Scour Repairs	3,475,000	1,975,000	250,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Program - Over 20' Spans	6,600,000	1,500,000	1,500,000	0	1,700,000	0	1,900,000	0
Bridge Painting	1,950,000	500,000	450,000	200,000	200,000	200,000	200,000	200,000
Deep Run Road Bridge #152	1,325,000	250,000	50,000	1,025,000	0	0	0	0
Glen Cove Road Bridge #155	1,225,912	1,075,912	150,000	0	0	0	0	0
Glenville Road Bridge #30	1,810,000	410,000	100,000	0	1,300,000	0	0	0
Grier Nursery Road Bridge #43	2,500,000	500,000	100,000	0	1,900,000	0	0	0
Hookers Mill Road Bridge #13	2,750,000	0	100,000	2,650,000	0	0	0	0
Madonna Road Bridge #113	3,250,000	500,000	100,000	0	0	2,650,000	0	0
Scarboro Road Bridge #140	1,475,000	0	350,000	25,000	1,100,000	0	0	0
Trappe Church Road Bridge #161	1,850,000	0	500,000	50,000	0	0	1,300,000	0

Outyear Projects:

Ayres Chapel Road Bridge #116	1,400,000	0	0	400,000	25,000	975,000	0	0
Bridge Deck Replacements	1,600,000	0	0	0	600,000	1,000,000	0	0
Bridge Inspection Program - Under 20' Spans	1,175,000	350,000	0	265,000	0	275,000	0	285,000
Chestnut Hill Road Bridge #41	500,000	0	0	0	0	0	0	500,000
Cullum Road Bridge #112	400,000	0	0	0	0	0	400,000	0
Edwards Lane Culvert	975,000	0	0	0	0	0	0	975,000
Fawn Grove Road Bridge #132	1,735,000	10,000	0	0	350,000	50,000	1,325,000	0
Hess Road Bridge #81	550,000	0	0	0	0	500,000	50,000	0
Kalmia Road Bridge #223	525,000	0	0	0	0	0	500,000	25,000
Lake Fanny Road Bridge #211	400,000	0	0	0	0	0	400,000	0
Moores Road Bridge #78	2,200,000	0	0	0	500,000	50,000	0	1,650,000
Rush Road Bridge #97	425,000	0	0	0	400,000	25,000	0	0
St. Clair Road Bridge #100	2,425,000	0	0	0	0	500,000	25,000	1,900,000
Stafford Road Bridge #19	500,000	0	0	0	0	0	0	500,000
Stafford Road Bridge #162	1,425,000	0	0	400,000	25,000	0	1,000,000	0
Structural Evaluation	770,000	520,000	0	50,000	50,000	50,000	50,000	50,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
HIGHWAYS FUND									
BRIDGES									
<u>Open Projects:</u>									
Bridge Inspection Program	3,640,000	3,640,000	0	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	2,065,000	0	0	0	0	0	0	0
Culvert Rehabilitation	4,730,000	4,730,000	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	1,450,000	1,450,000	0	0	0	0	0	0	0
Stafford Road Bridge #24	3,405,000	3,405,000	0	0	0	0	0	0	0
Bridges Total by Project	79,935,912	33,160,912	7,950,000	7,165,000	9,150,000	7,275,000	8,150,000	7,085,000	7,085,000
Paygo	32,364,762	17,619,762	700,000	1,595,000	2,725,000	2,850,000	3,430,000	3,445,000	3,445,000
Prior Paygo	0	0	0	0	0	0	0	0	0
Future Bonds	9,130,000	0	2,470,000	3,130,000	1,765,000	1,505,000	260,000	0	0
Prior Bonds	4,648,912	4,648,912	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0	0
Federal	33,723,000	10,823,000	4,780,000	2,440,000	4,660,000	2,920,000	4,460,000	3,640,000	3,640,000
Bridges Total by Fund	79,935,912	33,160,912	7,950,000	7,165,000	9,150,000	7,275,000	8,150,000	7,085,000	7,085,000
ROADWAYS									
<u>FY 22 Funded Projects:</u>									
Drainage Improvements	2,275,000	1,675,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Guardrails	1,975,000	1,075,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	6,566,728	4,516,728	150,000	380,000	380,000	380,000	380,000	380,000	380,000
New Roads and Stormdrains	4,025,000	2,825,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Rehabilitation	2,791,231	1,891,231	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Tollgate Road/Vale Road Corridor	1,775,000	0	200,000	450,000	200,000	0	0	0	925,000
Traffic Calming, Bicycle & Road Safety Improvements	1,400,000	750,000	50,000	120,000	120,000	120,000	120,000	120,000	120,000
Traffic Signals	1,219,601	409,601	135,000	135,000	135,000	135,000	135,000	135,000	135,000
Woodley Road Extension to MD 715	12,250,000	2,250,000	5,000,000	5,000,000	0	0	0	0	0
<u>Outyear Projects:</u>									
Carrs Mill Road (MD152 - Grafton Shop Road)	200,000	0	0	100,000	100,000	0	0	0	0
Trimble Road (Joppa Road to Garnett Road)	2,375,000	25,000	0	200,000	50,000	0	2,100,000	0	0

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
HIGHWAYS FUND								
ROADWAYS								
<u>Open Projects:</u>								
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Moores Mill Road	10,363,088	10,363,088	0	0	0	0	0	0
Spesutia Road Reconstruction/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Village of Scot's Fancy Starmount Lane	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 Total by Project	56,215,648	34,780,648	6,135,000	6,985,000	1,585,000	1,235,000	3,335,000	2,160,000
Paygo	20,745,072	11,685,072	835,000	1,435,000	1,285,000	1,135,000	3,235,000	1,135,000
Future Bonds	6,775,000	0	200,000	5,450,000	200,000	0	0	925,000
Prior Bonds	17,615,975	17,615,975	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
State	720,000	720,000	0	0	0	0	0	0
Federal	5,000,000	0	5,000,000	0	0	0	0	0
Developer/Other	5,250,000	4,650,000	100,000	100,000	100,000	100,000	100,000	100,000
Roadways Total by Fund	56,215,648	34,780,648	6,135,000	6,985,000	1,585,000	1,235,000	3,335,000	2,160,000
RESURFACING								
<u>FY 22 Funded Projects:</u>								
Highways Infrastructure Investment Project	10,000,000	0	10,000,000	0	0	0	0	0
Resurfacing Roadways	66,697,870	30,697,870	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
<u>Open Projects:</u>								
Resurfacing Roadways 15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Total by Project	82,300,976	36,300,976	16,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Paygo	72,300,976	36,300,976	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Federal	10,000,000	0	10,000,000	0	0	0	0	0
Resurfacing Total by Fund	82,300,976	36,300,976	16,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FIVE YEAR CAPITAL PROGRAM					
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
HIGHWAYS FUND									
OTHER									
<u>FY 22 Funded Projects:</u>									
APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0	0
Efficiency Capital Investment Project	380,000	355,000	25,000	0	0	0	0	0	0
Fleet Replacement	30,292,000	16,142,000	2,050,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	2,500,000
Highways Facilities Repair Program	1,927,000	1,327,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Lease Revenue Highways	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Norrisville Highways Facility	3,000,000	0	1,500,000	1,500,000	0	0	0	0	0
Sidewalks and Handicapped Ramps	2,579,300	1,679,300	150,000	150,000	150,000	150,000	150,000	150,000	150,000
<u>Outyear Projects</u>									
Refresh Program	990,500	740,500	0	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,087,450	3,712,450	0	75,000	75,000	75,000	75,000	75,000	75,000
<u>Open Projects:</u>									
Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0	0
Fuel Dispensing Upgrade	950,000	950,000	0	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0	0
Other Total by Project	62,420,750	37,120,750	4,825,000	5,075,000	3,775,000	3,875,000	3,875,000	3,875,000	3,875,000
Paygo	42,881,708	26,920,529	2,486,179	2,475,000	2,675,000	2,775,000	2,775,000	2,775,000	2,775,000
Future Bonds	3,600,000	0	1,600,000	1,600,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	7,566,000	7,566,000	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0	0
State	230,000	230,000	0	0	0	0	0	0	0
Developer/Other	973,742	1,234,921	(261,179)	0	0	0	0	0	0
Lease Finance	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Other Total by Fund	62,420,750	37,120,750	4,825,000	5,075,000	3,775,000	3,875,000	3,875,000	3,875,000	3,875,000
TOTAL HIGHWAYS CAPITAL	280,873,286	141,363,286	34,910,000	25,225,000	20,510,000	18,385,000	21,360,000	21,360,000	19,120,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
WATER & SEWER FUND								
WATER PROJECTS								
<u>FY 22 Funded Projects:</u>								
Abingdon Road Water	3,271,540	3,300,000	(28,460)	0	0	0	0	0
Abingdon Water Treatment Plant pH Control System	250,000	2,750,000	(2,500,000)	0	0	0	0	0
Abingdon WTP Switch Gear/Generator Upgrade	4,150,000	1,650,000	2,500,000	0	0	0	0	0
City of Baltimore - Deer Creek PS and Valve Improvements	5,200,000	3,700,000	1,500,000	0	0	0	0	0
City of Baltimore Raw Water Supply	1,300,000	3,300,000	(2,000,000)	0	0	0	0	0
Infrastructure Management System Enhancements	850,000	425,000	125,000	100,000	100,000	100,000	0	0
Magnolia Booster Station	1,800,000	1,550,000	250,000	0	0	0	0	0
MDTA I-95 Improvements	4,250,000	250,000	1,200,000	1,800,000	1,000,000	0	0	0
Renewal and Replacement Water Infrastructure	3,050,000	2,000,000	150,000	0	300,000	300,000	0	300,000
SCADA Information Management Systems	4,750,000	1,200,000	800,000	250,000	2,500,000	0	0	0
SHA Improvement Projects (Prev. Construction Unanticipated 15)	1,110,000	660,000	(350,000)	0	300,000	0	500,000	0
Tank Painting	270,671	300,000	(29,329)	0	0	0	0	0
US 40 Water Main Replacement	3,100,000	200,000	400,000	0	500,000	0	2,000,000	0
Water & Sewer Infrastructure Improvements Projects	8,450,000	2,100,000	1,350,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Water Meter Upgrade	3,110,000	1,960,000	150,000	0	500,000	250,000	0	250,000
<u>Outyear Projects:</u>								
Central W&S Laboratory	2,085,000	85,000	0	0	0	0	2,000,000	0
Perryman Wellfield Improvements	3,850,000	350,000	0	0	0	3,500,000	0	0
Water Tank Design and Construction	3,700,000	300,000	0	0	400,000	3,000,000	0	0
Water Zone Improvements	1,830,000	1,030,000	0	0	350,000	250,000	200,000	0
<u>Open Projects:</u>								
Havre de Grace Water Treatment Plant Upgrade	1,150,000	1,150,000	0	0	0	0	0	0
Oak Grove Booster Station (Ridgeley's Reserve)	330,000	330,000	0	0	0	0	0	0
Perryman GAC Plant Improvements	1,000,000	1,000,000	0	0	0	0	0	0
Replacement of Water Booster Station SCADA	2,250,000	2,250,000	0	0	0	0	0	0
US 40 and Rt. 159 SHA Water Relocation	3,900,000	3,900,000	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	50,000	50,000	0	0	0	0	0	0
Water and Sewer Billing Project	2,500,000	2,500,000	0	0	0	0	0	0
Water System Model Study	300,000	300,000	0	0	0	0	0	0
Water Total by Project	67,857,211	38,590,000	3,517,211	3,150,000	6,950,000	8,400,000	5,700,000	1,550,000
Paygo	49,325,650	25,350,650	4,600,000	4,075,000	7,375,000	2,825,000	2,625,000	2,475,000
Prior Paygo	(379,329)	0	(379,329)	0	0	0	0	0
Future Bonds	12,650,000	0	900,000	0	1,000,000	6,750,000	4,000,000	0
Prior Bonds	26,906,540	27,435,000	(528,460)	0	0	0	0	0
Reappropriated	300,000	300,000	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0
Lease Finance	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Developer/Other	300,000	300,000	0	0	0	0	0	0
Water Total by Fund	96,482,861	54,765,650	5,592,211	5,075,000	9,375,000	10,575,000	7,625,000	3,475,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
SEWER PROJECTS								
<u>FY 22 Funded Projects:</u>								
Bill Bass PS FM Replacement	810,302	900,384	(90,082)	0	0	0	0	0
Bio Solids Facilities Enhancements	38,350,000	11,500,000	8,000,000	10,000,000	6,000,000	0	350,000	2,500,000
Brentwood Park Pumping Station	2,200,000	1,950,000	250,000	0	0	0	0	0
Infiltration and Inflow 10	1,100,000	550,000	250,000	0	200,000	0	100,000	0
Renewal and Replacement Sewer Infrastructure	3,350,000	1,450,000	700,000	0	600,000	300,000	0	300,000
Sod Run Facility Improvements	15,982,261	8,100,000	3,532,261	2,150,000	0	0	200,000	2,000,000
Utility Protection/Restoration	1,500,000	1,300,000	200,000	0	0	0	0	0
<u>Outyear Projects</u>								
Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	0	2,000,000	0
Edgewood Interceptor Sewer Parallel	1,150,000	650,000	0	0	0	0	0	500,000
Inventory Storage and Control Improvements	4,585,000	385,000	0	0	0	3,200,000	1,000,000	0
Plum Tree Collector Sewer and Pumping Station	2,750,000	0	0	0	0	0	250,000	2,500,000
Pumping Station Improvements	965,000	565,000	0	0	400,000	0	0	0
Sod Run WWTP Ultraviolet Disinfection Project	6,200,000	4,200,000	0	0	0	0	1,000,000	1,000,000
<u>Open Projects:</u>								
Bush Creek Pump 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	150,000	150,000	0	0	0	0	0	0
Hickory Sewer Infrastructure Improvement Project	3,000,000	3,000,000	0	0	0	0	0	0
Lower Bynum Run Interceptor Phase 6&7	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
Oaklyn Manor/Joppa Area Sewer Relief	1,950,300	1,950,300	0	0	0	0	0	0
Town Center Drive Pump Station Replacement	810,567	810,567	0	0	0	0	0	0
Woodridge Sewer Petition	4,020,300	4,020,300	0	0	0	0	0	0
Sewer Total by Project	135,186,554	85,794,375	12,842,179	12,150,000	7,200,000	3,500,000	4,900,000	8,800,000
Paygo	20,519,019	14,819,019	1,050,000	0	1,200,000	300,000	350,000	2,800,000
Prior Paygo	379,329	0	379,329	0	0	0	0	0
Future Bonds	42,555,000	0	10,655,000	12,150,000	6,000,000	3,200,000	4,550,000	6,000,000
Prior Bonds	65,840,716	65,312,256	528,460	0	0	0	0	0
Reappropriated	229,390	0	229,390	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
Sewer Total by Fund	135,186,554	85,794,375	12,842,179	12,150,000	7,200,000	3,500,000	4,900,000	8,800,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM				
					FY 2024	FY 2025	FY 2026	FY 2027	
WATER & SEWER MISCELLANEOUS PROJECTS									
<u>FY 22 Funded Projects:</u>									
Efficiency Capital Investment Projects	455,000	430,000	25,000	0	0	0	0	0	0
Fleet Replacement	11,472,000	6,922,000	550,000	800,000	800,000	800,000	800,000	800,000	800,000
Lease Revenue	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Water & Sewer Facilities Repair Program	1,750,000	500,000	500,000	0	500,000	250,000	0	0	0
<u>Outyear Projects</u>									
Refresh Program	1,017,000	767,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,291,650	3,916,650	0	75,000	75,000	75,000	75,000	75,000	75,000
<u>Open Projects:</u>									
HMAN (Harford County Metro Area Network)	1,220,000	1,220,000	0	0	0	0	0	0	0
Fleet Maintenance Facility	1,420,000	1,420,000	0	0	0	0	0	0	0
Miscellaneous Total by Project	28,625,650	16,175,650	2,075,000	1,925,000	2,425,000	2,175,000	1,925,000	1,925,000	1,925,000
Paygo	18,075,650	12,875,650	575,000	925,000	925,000	925,000	925,000	925,000	925,000
Prior Paygo	0	0	0	0	0	0	0	0	0
Future Bonds	1,250,000	0	500,000	0	500,000	250,000	0	0	0
Prior Bonds	1,920,000	1,920,000	0	0	0	0	0	0	0
Lease Finance	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Reappropriated	0	0	0	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0
Sewer Total by Fund	28,625,650	16,175,650	2,075,000	1,925,000	2,425,000	2,175,000	1,925,000	1,925,000	1,925,000
TOTAL WATER & SEWER CAPITAL	231,669,415	140,560,025	18,434,390	17,225,000	16,575,000	14,075,000	12,525,000	12,275,000	12,275,000
	TOTAL COST	PRIOR APPROP	BUDGET FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
TOTAL CAPITAL IMPROVEMENT PROGRAM	1,823,365,569	1,015,993,038	218,809,000	166,936,402	146,426,015	87,925,557	91,970,557	95,305,000	

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 whatever actions are necessary 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 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>GENERAL PROJECTS:</u>			
Facilities Repair Program	\$23,867,396	\$5,280,912	\$582,966
Harford County Metro Area Network	\$16,200,000	\$0	\$324,000
Site Acquisition	\$24,507,761	\$500,000	\$500,155
Underground and Aboveground Storage Tank Management	\$539,000	\$200,000	\$14,780
Abingdon Library Window & HVAC Replacement	\$589,000	\$0	\$11,780
Courthouse Building Repairs	\$9,800,000	\$0	\$196,000
Fleet Maintenance Facility	\$16,126,000	\$0	\$322,520
Harford County Agricultural Research & Exposition Center	\$2,250,000	\$0	\$45,000
Humane Society	\$6,000,000	\$0	\$120,000
1201 Technology Drive	\$1,000,000	\$0	\$20,000

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>WATERSHED MANAGEMENT PROJECTS:</u>			
County Owned Watershed Restoration Improvements	\$9,950,000	\$2,550,000	\$250,000
Joppatowne Area Watershed Restoration	\$2,950,000	\$0	\$59,000
Middle Bynum Run Watershed Restoration Improvements	\$450,000	\$200,000	\$13,000
Plumtree Run Watershed Restoration	\$4,650,000	\$500,000	\$103,000
Riverside Area Watershed Restoration	\$1,720,000	\$500,000	\$44,400
Sams Branch Watershed Restoration	\$870,000	\$300,000	\$23,400
Upper Bynum Run Watershed Restoration Improvements	\$1,200,000	\$1,000,000	\$44,000
Watershed Restoration Assessment	\$6,050,000	\$900,000	\$139,000
Watershed Restoration Improvements	\$3,650,000	\$500,000	\$83,000
Watershed Restoration Maintenance	\$160,000	\$0	\$4,464
Wheel Creek Watershed Restoration	\$1,650,000	\$300,000	\$33,000
Bynum Run at St. Andrews Way Stream Restoration	\$338,961	\$0	\$6,779
Sunnyview Stream Restoration	\$2,661,039	\$0	\$53,221

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>PUBLIC SAFETY PROJECTS:</u>			
Mobile/Portable Radio System Upgrade	\$5,115,000	\$2,000,000	\$142,300
North Harford Station	\$2,700,000	\$2,000,000	\$54,000
Emergency Operations Center Complex	\$32,661,500	\$0	\$653,230
Multi-Agency Public Safety Mobile Command Center	\$1,800,000	\$0	\$36,000
Riverside Fire and EMS Station	\$3,800,000	\$0	\$76,000
<u>HARFORD COMMUNITY COLLEGE PROJECTS:</u>			
Chesapeake Welcome Center	\$2,747,425	\$1,462,000	\$84,189
Edgewood Hall Renovation & Expansion	\$3,464,575	\$0	\$69,292
Fallston Hall Renovations	\$3,464,575	\$0	\$69,292
<u>HARFORD COUNTY PUBLIC LIBRARIES PROJECTS:</u>			
Havre de Grace Expansion	\$6,720,000	\$0	\$134,400

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>BOARD OF EDUCATION PROJECTS:</u>			
Abingdon Elementary School Central Plant	\$0	\$1,247,000	\$24,940
Athletic and Recreation Repairs and Improvements	\$212,299	\$0	\$4,246
Educational Facility Program	\$0	\$709,576	\$14,192
Fleet Replacement	\$16,159	\$0	\$323
HCPS Facilities Repair Program	\$904,148	\$0	\$18,083
Homestead Wakefield Elementary School Major Project	\$0	\$6,000,000	\$120,000
Joppatowne High School Limited Renovation Project	\$15,440,000	\$9,854,000	\$505,880
Life, Health, Safety and Compliance Measures	\$554,195	\$1,737,000	\$34,740
Major HVAC	\$1,324,990	\$142,340	\$29,347
Roof Replacement - Aberdeen Middle	\$1,485,278	(\$7,576)	\$29,554
Roof Replacement - Center for Educational Opportunity (CEO)	\$0	\$1,850,000	\$37,000
Roof Replacement - Hickory Elementary School	\$1,513,000	(\$709,576)	\$16,068
Bel Air ES HVAC Systemic Renovation & Open Space Enclosure	\$3,485,000	(\$134,764)	\$67,005
Center for Educational Opportunity - HVAC	\$2,200,000	\$0	\$44,000
George D. Lisby HVAC Systemic Renovation	\$4,840,000	\$0	\$96,800
Fallston HS Comprehensive HVAC Systemic Project	\$7,673,940	\$0	\$153,479

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>BOARD OF EDUCATION PROJECTS:</u>			
Havre de Grace Middle/High School Replacement	\$77,474,000	\$0	\$1,549,480
North Bend ES Central Plant and Fire Alarm Upgrade	\$1,054,500	\$0	\$21,090
Prospect Mill Elementary School HVAC	\$2,294,000	\$0	\$45,880
Roof Replacement - Bel Air Middle School	\$3,196,000	\$0	\$63,920
Roye Williams HVAC Systemic Renovation	\$6,743,000	\$0	\$134,860
Youth's Benefit Elementary School Replacement	\$38,611,866	\$0	\$772,237
<u>SOLID WASTE PROJECTS:</u>			
HWDC Compost Area Facilities	\$525,000	(\$40,912)	\$9,682
Solid Waste Facilities Repair Program	\$1,500,000	\$0	\$30,000
Tollgate Yard Trim Recycling Center	\$449,314	\$0	\$8,986
<u>PARKS AND RECREATION PROJECTS:</u>			
Athletic Field Improvements	\$17,900,000	\$2,500,000	\$408,000
Aberdeen Activity Center	\$0	\$9,000,000	\$180,000
Enlarged Gymnasiums & Joint Facilities	\$1,200,000	\$0	\$33,480
Jarrettsville Recreation Complex/Center	\$200,000	\$0	\$4,000

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>PARKS AND RECREATION PROJECTS:</u>			
Trails & Linear Parks	\$4,000,000	\$0	\$80,000
Cedar Lane Sports Complex Improvements	\$100,000	\$0	\$2,000
Churchville Complex Development	\$7,176,830	\$0	\$143,537
Heavenly Waters Park	\$1,100,000	\$0	\$22,000
Schucks Road Regional Complex	\$2,530,000	\$0	\$50,600
TOTAL ESTIMATED ANNUAL DEBT SERVICE - GENERAL FUND:			\$9,067,577

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>HIGHWAYS PROJECTS:</u>			
Abingdon Road Bridge #169 over CSX	\$250,000	\$680,000	\$18,600
Boggs Road Bridge #66	\$250,000	\$50,000	\$6,000
Bridge and Culvert Rehabilitation	\$0	\$850,000	\$17,000
Trappe Church Road Bridge #161	\$0	\$100,000	\$2,000
Scarboro Road Bridge #140	\$0	\$350,000	\$7,000
Chestnut Hill Bridge #40	\$508,000	\$0	\$10,160
Stafford Road Bridge #24	\$765,000	\$0	\$15,300
Intersection Improvements	\$1,235,000	\$0	\$24,700
Tollgate Road/Vale Road Corridor	\$0	\$200,000	\$4,000
Woodley Road Extension to MD 715	\$2,250,000	\$0	\$45,000
Moores Mill Road	\$6,730,975	\$0	\$134,620

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>HIGHWAYS PROJECTS:</u>			
Spesutia Road Reconstruction/Upgrade	\$5,750,000	\$0	\$105,000
Washington Court Access Road	\$2,150,000	\$0	\$43,000
Highways Facilities Repair Program	\$320,000	\$100,000	\$8,400
Norrisville Highways Facility	\$0	\$1,500,000	\$30,000
Fleet Maintenance Facility	\$7,246,000	\$0	\$144,920
Deep Run Road Bridge #152	\$250,000	\$50,000	\$6,000
Glen Cove Road Bridge #155	\$1,075,912	\$150,000	\$24,518
Glenville Road Bridge #30	\$0	\$60,000	\$1,200
Grier Nursery Road Bridge #43	\$0	\$60,000	\$1,200
Hookers Mill Road Bridge #13	\$0	\$60,000	\$1,200
Madonna Road Bridge #113	\$100,000	\$60,000	\$3,200
Johnson Mill Road Bridge #45	\$1,450,000	\$0	\$29,000
TOTAL ESTIMATED ANNUAL DEBT SERVICE - HIGHWAYS FUND:			\$682,018

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>WATER AND SEWER PROJECTS:</u>			
Abingdon Road Water	\$3,300,000	(\$28,460)	\$65,431
Abingdon Water Treatment Plant pH Control System	\$2,750,000	(\$2,500,000)	\$5,000
Abingdon WTP Switch Gear/Generator Upgrade	\$1,650,000	\$2,500,000	\$83,000
City of Baltimore - Deer Creek PS & Valve Improvements	\$3,700,000	\$1,500,000	\$104,000
City of Baltimore Raw Water Supply	\$3,300,000	(\$2,000,000)	\$26,000
Magnolia Booster Station	\$1,450,000	\$0	\$29,000
Renewal & Replacement Water Infrastructure	\$1,600,000	\$0	\$32,000
US 40 Water Main Replacement	\$200,000	\$400,000	\$12,000
Water & Sewer Facilities Repair Program	\$500,000	\$500,000	\$20,000
Central W&S Laboratory	\$85,000	\$0	\$1,700
Edgewood Interceptor Sewer Parallel	\$650,000	\$0	\$13,000
Perryman Wellfield Improvements	\$150,000	\$0	\$3,000
Havre de Grace Water Treatment Plant Upgrade	\$1,150,000	\$0	\$23,000

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

<u>Project Title/Purpose</u>	<u>Prior Bond Appropriation</u>	<u>FY 22 Bond Funding</u>	<u>Estimated Annual Debt Service</u>
<u>WATER AND SEWER PROJECTS:</u>			
Fleet Maintenance Facility	\$1,420,000	\$0	\$28,400
Fallston Area Sewer	\$3,800,000	\$0	\$76,000
Magnolia Sewer Petition	\$85,000	\$0	\$1,700
Oak Grove Booster Station (Ridgeley's Reserve)	\$330,000	\$0	\$6,600
Replacement of Water Booster Station SCADA	\$1,950,000	\$0	\$39,000
US 40 and Rt. 159 SHA Water Relocation	\$3,900,000	\$0	\$78,000
Bill Bass PS FM Replacement	\$790,102	(\$90,082)	\$14,000
Bio Solids Facilities Enhancements	\$11,300,000	\$8,000,000	\$226,000
Brentwood Park Pumping Station Enhancements	\$1,250,000	\$0	\$25,000
Sod Run Facility Improvements	\$3,900,000	\$3,273,542	\$143,471
Sod Run WWTP Ultraviolet Disinfection Project	\$4,000,000	\$0	\$80,000
Bush Creek Pump Station	\$26,500,000	\$0	\$530,000
Hickory Sewer Infrastructure Improvement Project	\$3,000,000	\$0	\$60,000
Lower Bynum Interceptor Phase 6&7	\$8,647,154	\$0	\$172,943
Oaklyn Manor/Joppa Area Sewer Relief	\$1,005,000	\$0	\$20,100
Woodridge Sewer Petition	\$385,000	\$0	\$7,700

TOTAL ESTIMATED ANNUAL DEBT SERVICE - WATER AND SEWER FUND:	\$1,926,045
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CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 22 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
GENERAL PROJECTS:			
<u>Refresh Program</u> This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	\$500,000	\$5,353,478	Ability to order large volume of computers at one time, reducing the impact of replacing large quantities of equipment at one time.
<u>Safeguarding Business Operations</u> The purpose of this project is to integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning, Applications, & Database modernization.	\$1,350,000	\$21,875,400	Annual license/maintenance fees associated with this project.
<u>Harford County Ag Research and Exposition Center</u> This facility provides a space for federal, state and local ag agencies to be housed in one location. Phase III includes two educational hiking trails, a public pavilion and an agricultural themed playground.	\$0	\$2,800,000	Additional grounds maintenance for hiking trails, pavilion and playground.
WATERSHED MANAGEMENT PROJECTS:			
<u>County Owned Watershed Restoration Improvements</u> This project will be used for design & construction of projects located on County owned property. Water quality restoration projects are required under the County's municipal NPDES or MS4 permit and through the Chesapeake Bay Watershed Implementation Plan as required under the Bay TMDL.	\$3,775,000	\$36,350,000	Long term maintenance fees for new stormwater facilities, stormwater retrofits and stream channel restoration and stabilization.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 22 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<i>WATERSHED MANAGEMENT PROJECTS:</i>			
<u>Middle Bynum Run Watershed Restoration Improvements</u> This project will assess and prioritize restoration projects including stream restorations and stormwater management retrofits to improve water quality.	\$200,000	\$5,250,000	Long term maintenance fees for new stormwater facilities.
<u>Sunnyview Stream Restoration</u> This project will fund the design and construction of a stream restoration on Farnandis Branch, restoring 2,220 feet of stream as a result of the project.	\$0	\$5,192,220	Long term maintenance fees for new stormwater facilities.
<i>PUBLIC SAFETY PROJECTS:</i>			
<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.	\$2,000,000	\$4,700,000	Maintenance and staffing expenses funded within the operating budget.
<u>Riverside Fire and EMS Station</u> 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.	\$0	\$3,800,000	Maintenance and staffing expenses funded within the operating budget.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

<u>Project Title/Description</u>	<u>FY 22 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<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.	\$2,500,000	\$35,050,000	Weekly maintenance, including field grooming.
<u>Emily Bayless Graham Park</u> Funding for this project will provide engineering and renovation of the farmhouse and outbuildings at this passive park site.	\$350,000	\$4,145,000	This park includes walking trails and picnic pavilions. Weekly maintenance, including grass mowing and trash collection.
<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.	\$1,560,000	\$19,746,000	The Department currently pays approximately \$26.10/acre to mow at park sites. Assuming a 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>Eden Mill Park Rehabilitation</u> This project continues renovations and improvements to Eden Mill, including installation of a fire alarm system at the Nature Center.	\$0	\$1,480,000	Additional maintenance fees for the new fire alarm system.
<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.	\$0	\$18,200,000	Weekly maintenance, including trail maintenance and trash collection.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

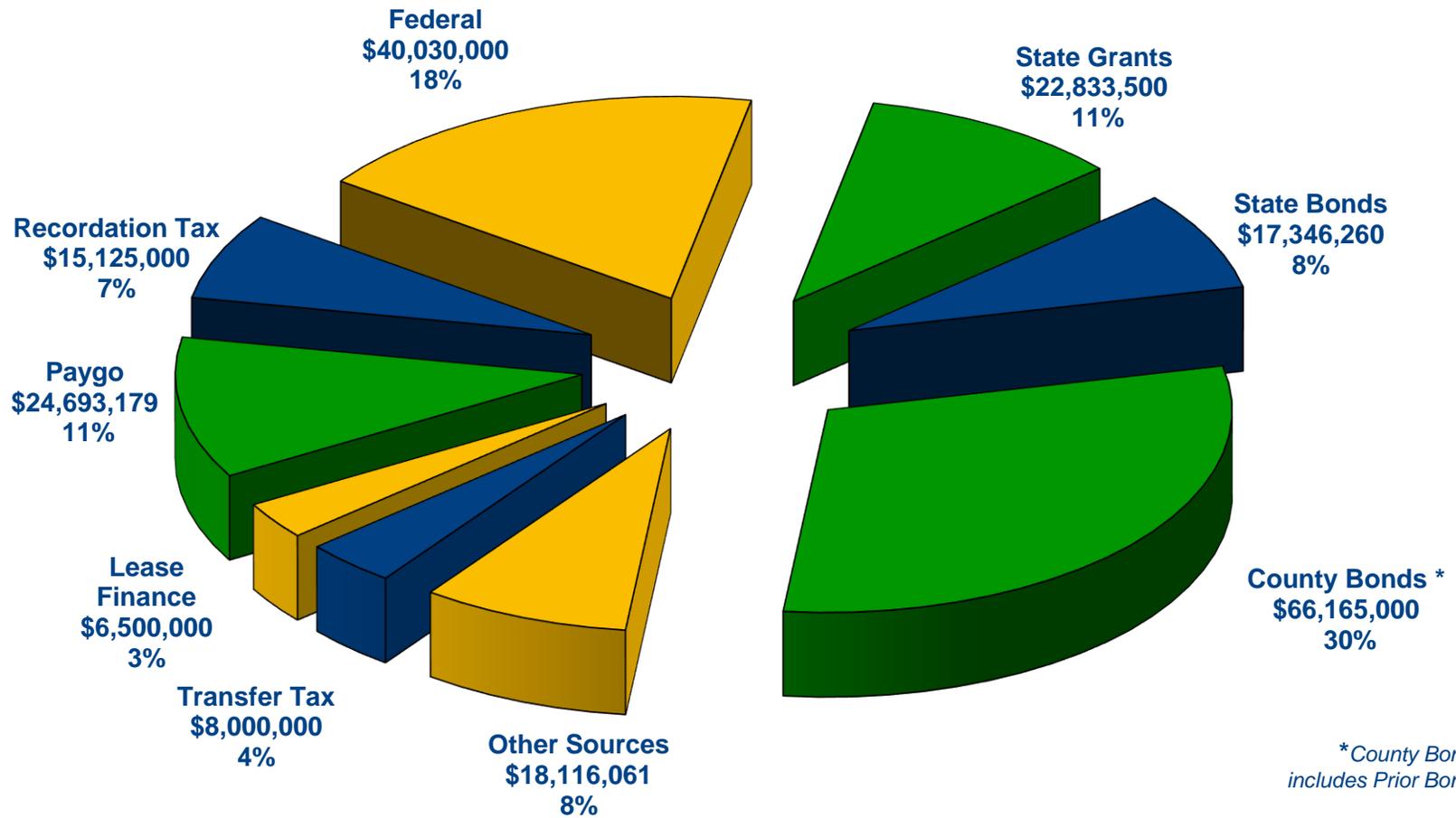
<u>Project Title/Description</u>	<u>FY 22 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<i>HIGHWAYS PROJECTS:</i>			
<u>Fleet Replacement</u> The purpose of this project is to replace existing vehicles and equipment that has exceeded their useful life.	\$2,050,000	\$30,292,000	Long term reductions in vehicle maintenance expenditures and downtime of needed equipment.
<u>Refresh Program</u> This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	\$0	\$990,500	Ability to order large volume of computers at one time, reducing the impact of replacing too much equipment at one time.
<u>Safeguarding Business Operations</u> The purpose of this project is to integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning, Applications, & Database modernization.	\$0	\$4,087,450	Annual license/maintenance fees associated with this project.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

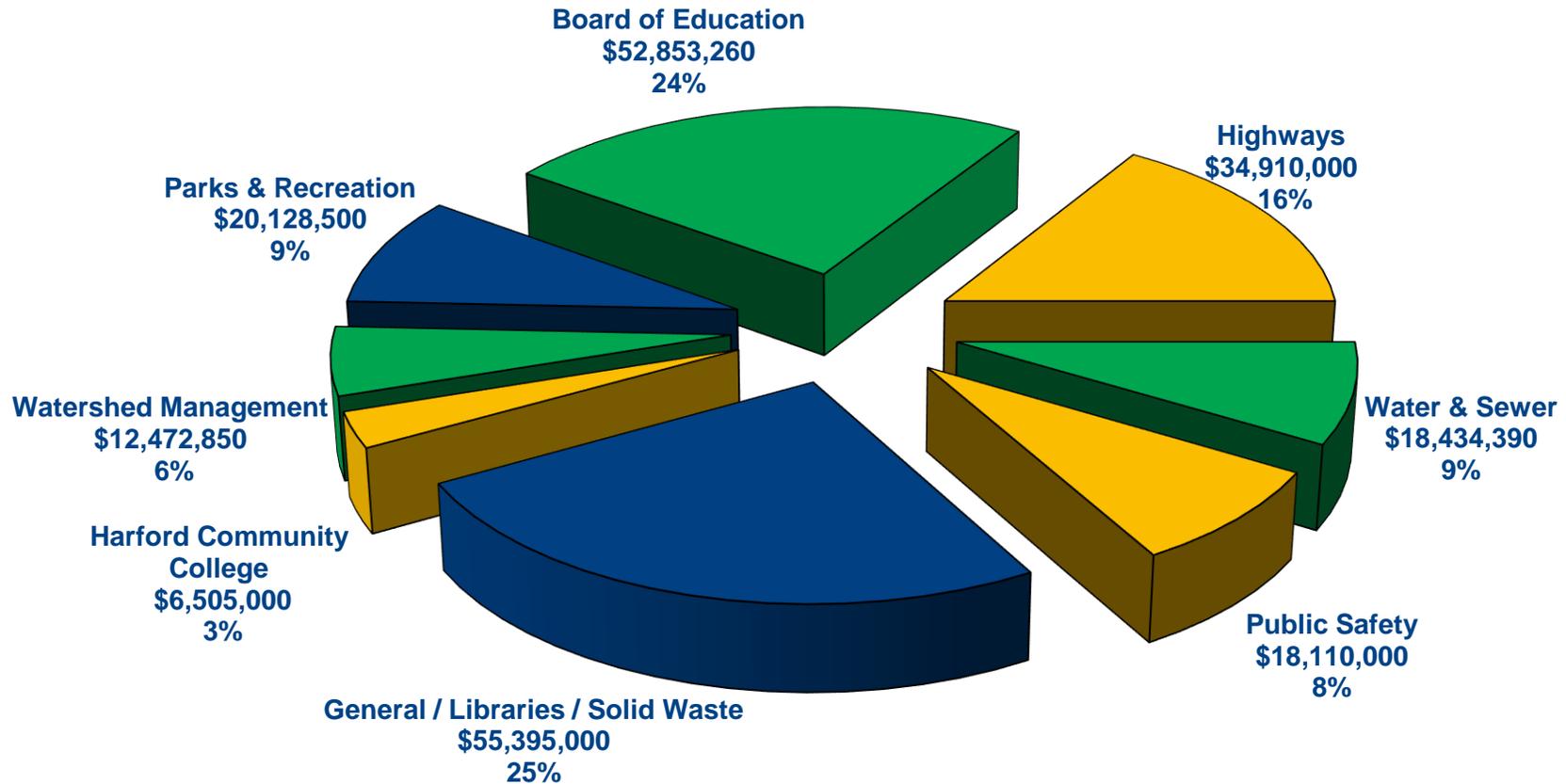
<u>Project Title/Description</u>	<u>FY 22 Budget Appropriation</u>	<u>Total Project Cost Including Outyears</u>	<u>Operating Budget Impact</u>
<i>WATER AND SEWER PROJECTS:</i>			
<u>Fleet Replacement</u> The purpose of this project is to replace existing vehicles and equipment that has exceeded their useful life.	\$550,000	\$11,472,000	Long term reductions in vehicle maintenance expenditures and downtime of needed equipment.
<u>Refresh Program</u> This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	\$0	\$1,017,000	Ability to order large volume of computers at one time, reducing the impact of replacing too much equipment at one time.
<u>Safeguarding Business Operations</u> The purpose of this project is to integrate and modernize enterprise software applications and architecture across the County. Projects will include Enterprise Resource Planning, Applications, & Database modernization.	\$0	\$4,291,650	Annual license/maintenance fees associated with this project.

**FY 22
CAPITAL BUDGET
SUMMARY**

APPROVED CAPITAL BUDGET REVENUES FISCAL YEAR 2021 - 2022 TOTAL BUDGET \$218,809,000



**APPROVED CAPITAL BUDGET
APPROPRIATIONS
FISCAL YEAR 2021 - 2022
TOTAL BUDGET \$218,809,000**



FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
GENERAL FUND													
GENERAL CAPITAL													
Board of Education Debt Service	19,880,000	0	0	0	0	0	0	8,000,000	11,880,000	0	0	0	0
Disparity Study	600,000	0	600,000	0	0	0	0	0	0	0	0	0	0
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Facilities Repair Program	5,505,912	0	0	40,912	5,240,000	0	0	0	0	225,000	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	20,000,000	0	0	0	0	0	0	0	0	10,000,000	0	10,000,000	0
Lease Revenue	4,500,000	0	0	0	0	4,500,000	0	0	0	0	0	0	0
Refresh Program	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	1,350,000	0	1,000,000	0	0	0	0	0	0	0	0	350,000	0
Site Acquisition	500,000	0	0	0	500,000	0	0	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0
SUB-TOTAL GENERAL	55,060,912	0	4,125,000	40,912	5,940,000	4,500,000	0	8,000,000	11,880,000	10,225,000	0	10,350,000	0

WATERSHED MANAGEMENT

County Owned Stormwater Management Rehab and Repair*	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
County Owned Watershed Restoration Improvements	3,775,000	0	0	0	2,550,000	0	0	0	0	1,225,000	0	0	0
Joppatowne Area Watershed Restoration	150,000	0	0	0	0	0	0	0	0	150,000	0	0	0
Maintenance/Repair of Stormwater Facilities	872,850	0	0	0	0	0	0	0	0	0	0	0	872,850
Middle Bynum Run Watershed Restoration Improvements	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0
Plumtree Run Watershed Restoration	1,000,000	0	0	0	500,000	0	0	0	0	500,000	0	0	0
Riverside Area Watershed Restoration	975,000	0	0	0	500,000	0	0	0	0	475,000	0	0	0
Sams Branch Watershed Restoration	400,000	0	0	0	300,000	0	0	0	0	100,000	0	0	0
Septic System Disconnection*	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention*	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Upper Bynum Run Watershed Restoration Improvements	2,000,000	0	0	0	1,000,000	0	0	0	0	1,000,000	0	0	0
Watershed Restoration Assessment	1,300,000	0	0	0	900,000	0	0	0	0	300,000	0	100,000	0
Watershed Restoration Improvements	650,000	0	0	0	500,000	0	0	0	0	150,000	0	0	0
Watershed Restoration Maintenance*	300,000	0	300,000	0	0	0	0	0	0	0	0	0	0
Wheel Creek Watershed Restoration	300,000	0	0	0	300,000	0	0	0	0	0	0	0	0
<i>*Special Dedicated Paygo</i>													
SUB-TOTAL WATERSHED MANAGEMENT	12,472,850	0	850,000	0	6,750,000	0	0	0	0	3,900,000	0	100,000	872,850

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
GENERAL FUND													
PUBLIC SAFETY													
HCSO Body Worn Camera Program	350,000	0	350,000	0	0	0	0	0	0	0	0	0	0
HCSO Computer Equipment/Networks	460,000	0	460,000	0	0	0	0	0	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	0	0	0	0	0	0	0	0	0	0	6,000,000	0
Mobile/Portable Radio System Upgrade	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0
Next-Gen 911	3,500,000	0	0	0	0	0	0	0	0	3,500,000	0	0	0
North Harford Station	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0
Susquehanna Hose Company House 1 Replacement	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	0
VFC Facility Repair	1,400,000	0	0	0	0	0	0	0	0	0	0	1,400,000	0
VFC Public Safety Equipment	1,400,000	0	0	0	0	0	0	0	0	0	0	1,400,000	0
SUB-TOTAL PUBLIC SAFETY	18,110,000	0	810,000	0	4,000,000	0	0	0	0	3,500,000	0	9,800,000	0
HARFORD COMMUNITY COLLEGE													
Chesapeake Welcome Center	6,505,000	0	0	0	1,462,000	0	0	0	0	5,043,000	0	0	0
SUB-TOTAL HARFORD COMMUNITY COLLEGE	6,505,000	0	0	0	1,462,000	0	0	0	0	5,043,000	0	0	0
LIBRARIES													
HCPL Technology	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
BOARD OF EDUCATION													
Abingdon Elementary School Central Plant	2,378,000	0	0	0	1,247,000	0	0	0	0	1,131,000	0	0	0
Athletic and Recreation Repairs and Improvements	200,000	0	0	0	0	0	0	0	0	0	0	0	200,000
Bel Air ES HVAC Systemic Renovation and Open Space Enc	(134,764)	0	0	(134,764)	0	0	0	0	0	0	0	0	0
Educational Facility Program	1,959,576	0	800,000	709,576	0	0	0	0	0	0	0	0	450,000
Fleet Replacement	3,952,000	0	1,102,000	0	0	0	0	0	0	0	0	0	2,850,000
HCPS Facilities Master Plan	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
HCPS Facilities Repair Program	250,000	0	0	0	0	0	0	0	0	0	0	0	250,000
HCPS Site Improvements	2,075,000	0	500,000	0	0	0	0	0	0	0	0	0	1,575,000
Homestead Wakefield ES Major School Project	6,000,000	0	0	0	6,000,000	0	0	0	0	0	0	0	0
Joppatowne High School Limited Renovation Project	18,547,260	0	0	0	9,854,000	0	0	0	0	8,693,260	0	0	0
Life, Health, Safety and Compliance Measures	1,737,000	0	0	0	1,737,000	0	0	0	0	0	0	0	0
Major HVAC	142,340	0	0	142,340	0	0	0	0	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	(7,576)	0	0	(7,576)	0	0	0	0	0	0	0	0	0
Roof Replacement - Center for Educational Opportunity (CEO)	4,329,000	0	0	0	1,850,000	0	0	0	0	2,479,000	0	0	0
Roof Replacement - Hickory Elementary School	(709,576)	0	0	(709,576)	0	0	0	0	0	0	0	0	0
Technology Infrastructure	11,935,000	0	260,000	0	0	0	0	0	0	0	0	0	11,675,000
SUB-TOTAL BOARD OF EDUCATION	52,853,260	0	2,862,000	0	20,688,000	0	0	0	0	12,303,260	0	0	17,000,000
SUB-TOTAL GENERAL FUND CAPITAL	145,252,022	0	8,897,000	40,912	38,840,000	4,500,000	0	8,000,000	11,880,000	34,971,260	0	20,250,000	17,872,850
SOLID WASTE SERVICES													
SOLID WASTE SERVICES													
HWDC Compost Area Facilities	(40,912)	0	0	(40,912)	0	0	0	0	0	0	0	0	0
HWDC Landfill Capping	125,000	0	125,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	84,088	0	125,000	(40,912)	0	0	0	0	0	0	0	0	0
TOTAL ALL GENERAL FUND CAPITAL	145,336,110	0	9,022,000	0	38,840,000	4,500,000	0	8,000,000	11,880,000	34,971,260	0	20,250,000	17,872,850

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
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PARKS & RECREATION FUND

PARKS & RECREATION

Aberdeen Activity Center	9,000,000	0	0	0	9,000,000	0	0	0	0	0	0	0	0
Anita C. Leight Center Improvements	50,000	0	0	0	0	0	0	0	50,000	0	0	0	0
Athletic Field Improvements	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0	0	0
Benson Field Development	100,000	0	0	0	0	0	0	0	100,000	0	0	0	0
Bulkhead Renovations	40,000	0	0	0	0	0	0	0	0	40,000	0	0	0
Dog Park Construction & Improvements	583,500	0	0	0	0	0	0	0	250,000	0	333,500	0	0
Emily Bayless Graham Park	350,000	0	0	0	0	0	0	0	250,000	0	0	0	100,000
Emmorton Recreation and Tennis Center Improvements	25,000	0	0	0	0	0	0	0	25,000	0	0	0	0
Facility Renovations	190,000	0	0	0	0	0	0	0	190,000	0	0	0	0
Heavenly Waters Park - Soma	100,000	0	0	0	0	0	0	0	100,000	0	0	0	0
Mariner Point Park - DMP Site Remediation	1,100,000	0	0	0	0	0	0	0	0	1,100,000	0	0	0
McFaul Activity Center Renovations	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0
Norrisville Park	1,250,000	0	0	0	0	0	0	0	500,000	0	750,000	0	0
Oakington Peninsula Park System	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0
Park Improvements	50,000	0	0	0	0	0	0	0	50,000	0	0	0	0
Parking Lot Paving	195,000	0	0	0	0	0	0	0	195,000	0	0	0	0
Parkland Acquisition	1,560,000	0	0	0	0	0	0	0	75,000	0	1,485,000	0	0
Playground Equipment	1,795,000	0	0	0	0	0	0	0	220,000	1,500,000	0	0	75,000
Prospect Mill Park	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0
SWM Pond Repair and Renovation	195,000	0	0	0	0	0	0	0	195,000	0	0	0	0
Tennis/Multipurpose Court	170,000	0	0	0	0	0	0	0	170,000	0	0	0	0
Vale Road Park	125,000	0	0	0	0	0	0	0	125,000	0	0	0	0

TOTAL PARKS & RECREATION CAPITAL	20,128,500	0	0	0	11,500,000	0	0	0	3,245,000	2,640,000	2,568,500	0	175,000
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FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
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HIGHWAYS FUND

HIGHWAYS

BRIDGES

Abingdon Road Bridge #169 over CSX	3,400,000	0	0	0	680,000	0	0	0	0	0	0	2,720,000	0
Boggs Road Bridge #66	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Bridge and Culvert Rehabilitation	850,000	0	0	0	850,000	0	0	0	0	0	0	0	0
Bridge and Road Scour Repairs	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program - Over 20' Spans	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000	0
Bridge Painting	450,000	0	450,000	0	0	0	0	0	0	0	0	0	0
Deep Run Road Bridge #152	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Glen Cove Road Bridge #155	150,000	0	0	0	150,000	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Grier Nursery Road Bridge #43	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Hookers Mill Road Bridge #13	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Madonna Road Bridge #113	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Scarboro Road Bridge #140	350,000	0	0	0	350,000	0	0	0	0	0	0	0	0
Trappe Church Road Bridge #161	500,000	0	0	0	100,000	0	0	0	0	0	0	400,000	0
SUB-TOTAL BRIDGES	7,950,000	0	700,000	0	2,470,000	0	0	0	0	0	0	4,780,000	0

ROADWAYS

Drainage Improvements	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Guardrails	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Intersection Improvements	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
New Roads and Stormdrains	200,000	0	100,000	0	0	0	0	0	0	0	0	0	100,000
Stormdrain Rehabilitation	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Tollgate Road/Vale Road Corridor	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle & Road Safety Improvements	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0	0	0
Woodley Road Extension to MD 715	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000	0
SUB-TOTAL ROADWAYS	6,135,000	0	835,000	0	200,000	0	0	0	0	0	0	5,000,000	100,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
HIGHWAYS FUND													
HIGHWAYS													
RESURFACING													
Highways Infrastructure Investment Project	10,000,000	0	0	0	0	0		0	0	0	0	10,000,000	0
Resurfacing Roadways	6,000,000	0	6,000,000	0	0	0		0	0	0	0	0	0
SUB-TOTAL RESURFACING	16,000,000	0	6,000,000	0	0	0	0	0	0	0	0	10,000,000	0
OTHER													
APG Gate Pilot	0	0	261,179	0	0	0	0	0	0	0	0	0	(261,179)
Efficiency Capital Investment Project	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	2,050,000	0	2,050,000	0	0	0	0	0	0	0	0	0	0
Highways Facilities Repair Program	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Lease Revenue Highways	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0
Norrisville Highways Facility	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	4,825,000	0	2,486,179	0	1,600,000	1,000,000	0	0	0	0	0	0	(261,179)
TOTAL HIGHWAYS FUND CAPITAL	34,910,000	0	10,021,179	0	4,270,000	1,000,000	0	0	0	0	0	19,780,000	(161,179)

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>WATER & SEWER FUND</u>													
<u>WATER PROJECTS</u>													
Abingdon Road Water	(28,460)	0	0	(28,460)	0	0	0	0	0	0	0	0	0
Abingdon Water Treatment Plant pH Control System	(2,500,000)	0	0	(2,500,000)	0	0	0	0	0	0	0	0	0
Abingdon WTP Switch Gear/Generator Upgrade	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0
City of Baltimore - Deer Creek Pump Station & Valve Improve	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0
City of Baltimore - Raw Water Supply	(2,000,000)	0	0	(2,000,000)	0	0	0	0	0	0	0	0	0
Infrastructure Management System Enhancements	125,000	0	125,000	0	0	0	0	0	0	0	0	0	0
Magnolia Booster Station	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
MDTA I-95 Improvements	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	0
Renewal and Replacement Water Infrastructure	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SCADA Information Management Systems	800,000	0	800,000	0	0	0	0	0	0	0	0	0	0
SHA Improvement Projects (Previously Construction Unant 15)	(350,000)	(350,000)	0	0	0	0	0	0	0	0	0	0	0
Tank Painting	(29,329)	(29,329)	0	0	0	0	0	0	0	0	0	0	0
US 40 Water Main Replacement	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0
Water & Sewer Facilities Repair Program	500,000	0	0	0	500,000	0	0	0	0	0	0	0	0
Water & Sewer Infrastructure Improvements Projects	1,350,000	0	1,350,000	0	0	0	0	0	0	0	0	0	0
Water Meter Upgrade	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	4,017,211	(379,329)	4,025,000	(528,460)	900,000	0	0	0	0	0	0	0	0
<u>SEWER PROJECTS</u>													
Bill Bass PS FM Replacement	(90,082)	0	0	(90,082)	0	0	0	0	0	0	0	0	0
Bio Solids Facilities Enhancements	8,000,000	0	0	0	8,000,000	0	0	0	0	0	0	0	0
Brentwood Park Pumping Station Improvements	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Infiltration and Inflow	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Renewal and Replacement Sewer Infrastructure	700,000	350,000	350,000	0	0	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	3,532,261	29,329	0	618,542	2,655,000	0	229,390	0	0	0	0	0	0
Utility Protection/Restoration	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER PROJECTS	12,842,179	379,329	1,050,000	528,460	10,655,000	0	229,390	0	0	0	0	0	0
<u>WATER & SEWER MISCELLANEOUS</u>													
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	550,000	0	550,000	0	0	0	0	0	0	0	0	0	0
Lease Revenue Water & Sewer	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0
SUB-TOTAL MISCELLANEOUS PROJECTS	1,575,000	0	575,000	0	0	1,000,000	0	0	0	0	0	0	0
TOTAL WATER & SEWER FUND CAPITAL	18,434,390	0	5,650,000	0	11,555,000	1,000,000	229,390	0	0	0	0	0	0
TOTAL APPROVED CAPITAL BUDGET	218,809,000	0	24,693,179	0	66,165,000	6,500,000	229,390	8,000,000	15,125,000	37,611,260	2,568,500	40,030,000	17,886,671

FISCAL YEAR 2022 APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2022 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.

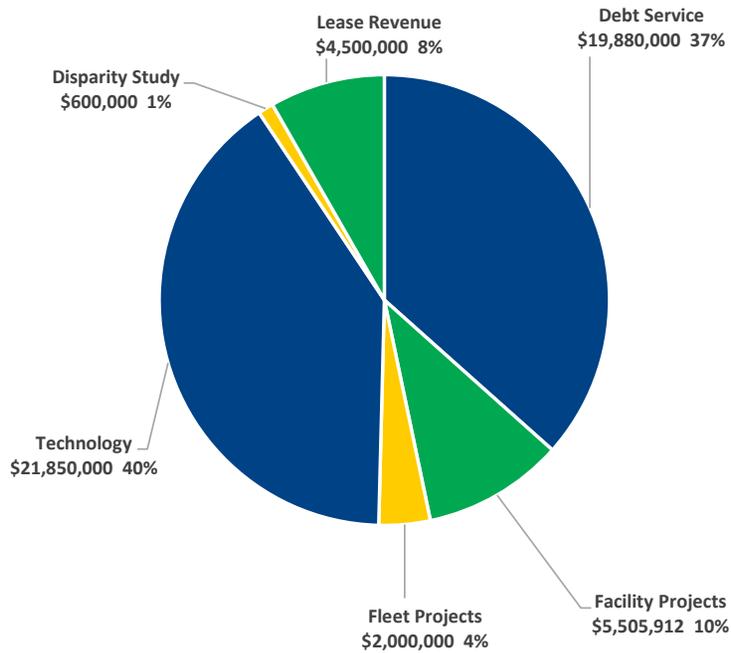
The Approved Fiscal Year 2022 Capital Budget consists of 135 projects at a total cost of \$218,809,000. With the continued demands of a tough economy this budget supports our most pressing challenges including school modernization issues, public safety, sustaining a strong infrastructure, and the environment.

Harford County's financial operations are characterized by maintenance of sound reserves, a conservative approach to budget development, and timely revenue and spending adjustments. Fiscal policies governing multi-year planning, reserve retention and use of surplus funds for capital and other one-time spending aid in steady operating performance. In January 2021, Moody's Investor Service, Fitch Ratings and Standard and Poor's all reaffirmed Harford County's AAA bond rating.

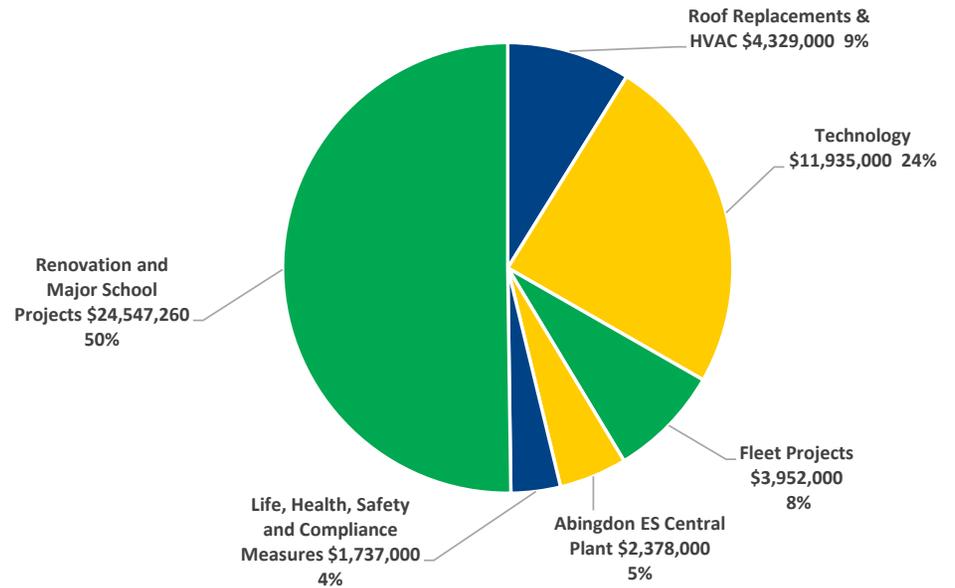
The County imposes a Recordation Tax on home sales and refinances, and a Transfer Tax on the sale of new or existing homes. Each of these generate revenues that are in part restricted to school construction and/or school debt service. A description of Recordation and Transfer Tax history and restrictions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

FISCAL YEAR 2022 APPROVED CAPITAL BUDGET HIGHLIGHTS

General Capital Projects



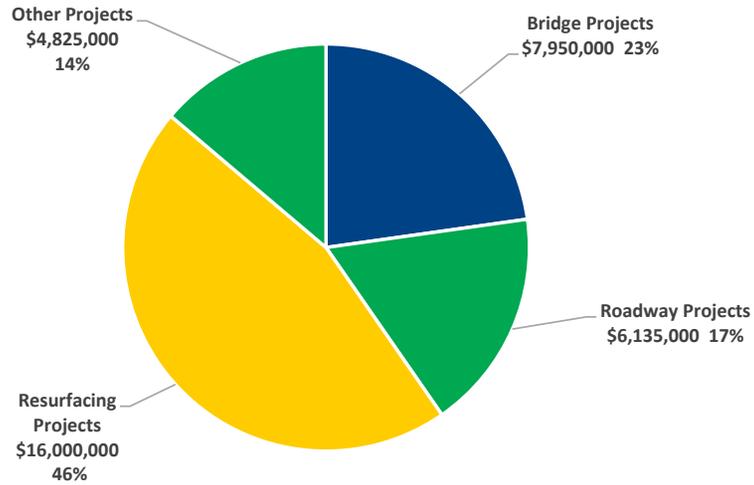
Board of Education Projects



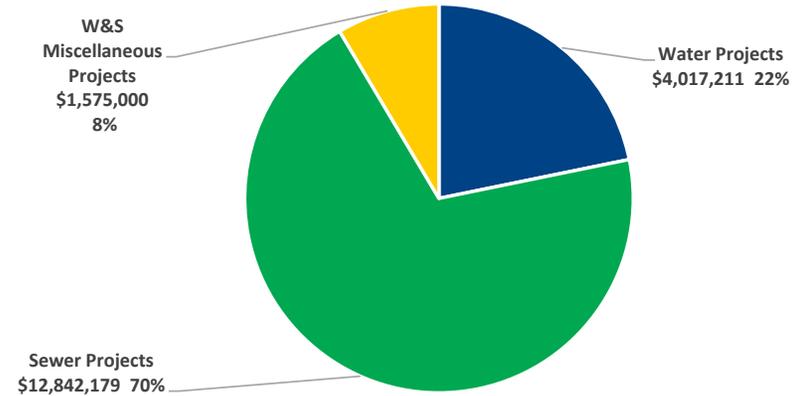
FISCAL YEAR 2022 APPROVED CAPITAL BUDGET HIGHLIGHTS

DEPARTMENT OF PUBLIC WORKS PROJECTS

Highways Projects



Water and Sewer Projects



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, 2020	<u>8,664,952</u>	<u>2,449,785</u>	<u>1,879,165</u>	<u>12,993,902</u>
Less: Restricted Fund Balance				
Recordation and Transfer Tax	2,171,564	0	350,861	2,522,425
Bond Proceeds	479,564	0	0	479,564
Less: Unrestricted Fund Balance				
Appropriation of Fund Balance	3,740,321	679,608	0	4,419,929
Encumbrances	<u>2,273,503</u>	<u>1,770,177</u>	<u>1,528,304</u>	<u>5,571,984</u>
	<u>8,664,952</u>	<u>2,449,785</u>	<u>1,879,165</u>	<u>12,993,902</u>
Fund Balance Available for Appropriation at June 30, 2020				
Undesignated Fund Balance	0	0	0	0
Estimated Revenues - Open Project	606,675,946	165,801,751	108,729,020	881,206,717
Estimated Expenditures - Open Project	<u>(606,610,276)</u>	<u>(165,774,417)</u>	<u>(108,303,658)</u>	<u>(880,688,351)</u>
Fund Balance Available for Appropriation at June 30, 2021				
Undesignated Fund Balance	<u>65,670</u>	<u>27,334</u>	<u>425,362</u>	<u>518,366</u>
Fund Balance Available for Appropriation at June 30, 2021				
Undesignated Fund Balance	65,670	27,334	425,362	518,366
Estimated Revenues Fiscal Year 2022				
Paygo	9,022,000	10,021,179	0	19,043,179
Recordation Tax	11,880,000	0	3,245,000	15,125,000
Transfer Tax	8,000,000	0	0	8,000,000
Future Bonds	38,840,000	4,270,000	11,500,000	54,610,000
Federal Grant	20,250,000	19,780,000	0	40,030,000
State Bonds	17,346,260	0	0	17,346,260
State Grants	17,625,000	0	5,208,500	22,833,500
Lease Finance	4,500,000	1,000,000	0	5,500,000
Developer/Other	<u>17,872,850</u>	<u>(161,179)</u>	<u>175,000</u>	<u>17,886,671</u>
Total Estimated Revenues Fiscal Year 2022	<u>145,336,110</u>	<u>34,910,000</u>	<u>20,128,500</u>	<u>200,374,610</u>
Estimated Expenditures Fiscal Year 2022	<u>(128,336,110)</u>	<u>(34,910,000)</u>	<u>(20,128,500)</u>	<u>(183,374,610)</u>
Fund Balance Available for Appropriation at June 30, 2021				
Undesignated Fund Balance	<u>17,065,670</u>	<u>27,334</u>	<u>425,362</u>	<u>17,518,366</u>

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

	WATER & SEWER
Unrestricted Net Assets June 30, 2020	0
Estimated Revenues - Open Projects	143,925,458
Estimated Expenditures - Open Projects	(143,925,458)
Estimated Unrestricted Net Assets June 30, 2021	0
 Estimated Revenues Fiscal Year 2022	
Paygo	5,650,000
Future Bonds	11,555,000
Lease Finance	1,000,000
Reappropriated	229,390
Total Estimated Revenues Fiscal Year 2022	18,434,390
Estimated Expenditures Fiscal Year 2022	(18,434,390)
Estimated Unrestricted Net Assets June 30, 2022	0

<p>DEDICATED RECORDATION TAX</p> <p>STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE</p>
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	BOARD OF EDUCATION	PARKS & RECREATION	WATERSHED MANAGEMENT
UNDESIGNATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2020	1,604,500	350,861	10,139,874
Plus Fiscal Year 2021 Estimated Recordation Tax Revenues	11,916,960	3,079,240	3,079,240
Plus Fiscal Year 2021 Estimated Other Revenue	400,000	0	20,760
Less Fiscal Year 2021 Estimated Expenditures	<u>(11,933,334)</u>	<u>(1,371,500)</u>	<u>(3,445,000)</u>
ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2021	1,988,126	2,058,601	9,794,874
Plus Fiscal Year 2022 Estimated Revenues:			
Plus Fiscal Year 2022 Estimated Recordation Tax Revenues	11,880,000	2,970,000	2,970,000
Plus Fiscal Year 2022 Estimated Other Revenue	0	0	50,000
Less Fiscal Year 2022 Estimated Expenditures	<u>(11,880,000)</u>	<u>(3,245,000)</u>	<u>(4,280,500)</u>
ESTIMATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	<u><u>1,988,126</u></u>	<u><u>1,783,601</u></u>	<u><u>8,534,374</u></u>

DEDICATED TRANSFER TAX
STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	AGRICULTURAL PRESERVATION	BOARD OF EDUCATION
TOTAL FUND BALANCE AT JUNE 30, 2020	46,929,141	567,064
Plus Fiscal Year 2021:		
Transfer Tax		
2021 Transfer Tax receipts	8,000,000	8,000,000
Other Revenues	13,155,000	0
Less Fiscal Year 2021 Estimated Expenditures	(16,200,000)	(8,567,064)
Less: Committed Fund Balance Designated for Other Purposes	<u>(33,000,000)</u>	<u>0</u>
 UNDESIGNATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2021	 18,884,141	 0
Plus Fiscal Year 2022 Estimated Revenues:		
Transfer Tax		
2022 Transfer Tax receipts	8,000,000	8,000,000
Other Revenue	479,000	0
Less Fiscal Year 2022 Estimated Expenditures	<u>(25,479,000)</u>	<u>(8,000,000)</u>
 ESTIMATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	 <u>1,884,141</u>	 <u>0</u>

<p>DEDICATED IMPACT FEE</p> <p>STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE</p>

	BOARD OF EDUCATION
UNDESIGNATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2020	0
Plus Fiscal Year 2021 Estimated Impact Fee Revenues	3,500,000
Less Fiscal Year 2021 Estimated Expenditures	<u>(3,500,000)</u>
ESTIMATE IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2021	0
Plus Fiscal Year 2022 Estimated Revenues:	
Fiscal Year 2022 Impact Fee Revenues	3,500,000
Less Fiscal Year 2022 Estimated Expenditures	<u>(3,500,000)</u>
ESTIMATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2022	<u><u>0</u></u>

DEDICATED CAPITAL FUNDING

Harford County has three revenue streams that are dedicated to funding school capacity and modernization projects and/or the debt service incurred for them, park and recreation facilities, and the preservation of agricultural farm land. The following pages provide an explanation of their origin, the taxes, and the details of which ones have been appropriated for FY 22.

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 new school construction
 - o major improvements and capital improvements to existing school facilities
 - 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%

DEDICATED CAPITAL FUNDING

For FY 22 Recordation Tax revenues are appropriated as follows:

<u>Harford County's FY 22 Operating Budget</u>		\$13,318,097
From FY 22 Estimated Recordation Tax Receipts:		\$13,318,097
Board of Education Debt Service		\$11,880,000
Principal Payments	\$10,196,619	
Interest Payments	1,683,381	
	\$11,880,000	
Watershed Management Debt Service		\$1,438,097
<u>Harford County's FY 22 Capital Budget</u>		\$3,245,000
Parks & Recreation Projects		\$3,245,000
Anita C. Leight Center Improvements	50,000	
Benson Field Development	100,000	
Dog Park Construction & Improvements	250,000	
Emily Bayless Graham Park	250,000	
Emmorton Recreation & Tennis Ctr Improve.	25,000	
Facility Renovations	190,000	
Heavenly Waters Park Soma	100,000	
McFaul Activity Center Renovations	250,000	
Norrisville Park	500,000	
Oakington Peninsula Park System	250,000	
Park Improvements	50,000	
Parking Lot Paving	195,000	
Parkland Acquisition	75,000	
Playground Equipment	220,000	
Prospect Mill Park	250,000	
SWM Pond Repair and Renovation	195,000	
Tennis/Multipurpose Court	170,000	
Vale Road Park	125,000	
Total Recordation Tax revenues appropriated for Fiscal Year 2022		\$16,563,097

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 22 Transfer Tax revenues are appropriated as follows:

Harford County's FY 22 Operating Budget

From FY 22 Estimated Transfer Tax Receipts:		\$16,000,000
Agricultural Preservation Fund		\$8,000,000
Board of Education Debt Service		\$8,000,000
	Principal Payments	\$5,382,745
	Interest Payments	2,617,255
		\$8,000,000

DEDICATED CAPITAL FUNDING

PUBLIC SCHOOL DEVELOPMENT IMPACT FEE

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

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

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

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

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

Development Impact Fee revenues for the last five completed fiscal years and the projected amount for Fiscal Year 2022 are presented in the following table:

Fiscal Year	Public Schools
2016	2,444,400
2017	2,707,200
2018	3,531,600
2019	3,438,000
2020	3,660,600
2021*	1,750,000
2022*	3,500,000
*Estimate	

**HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION
DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS
FY 22 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS**

FY 22 RECORDATION TAX AVAILABLE	11,880,000
FY 22 TRANSFER TAX AVAILABLE	8,000,000
IMPACT FEES APPROPRIATED	3,500,000
GENERAL FUNDS APPROPRIATED	10,667,826
TOTAL FUNDS AVAILABLE FOR SCHOOL DEBT SERVICE	34,047,826

FUNDS APPROPRIATED FOR SCHOOL DEBT SERVICE:

PRINCIPAL

	FY 22 RECORDATION	FY 22 TRANSFER	IMPACT FEE	FY 22 GENERAL FUNDS	TOTAL
Refunding Bonds of 2010	535,918				535,918
Refunding Bonds of 2012	469,731				469,731
School Bonds of 2012	748,170				748,170
School Bonds of 2013	507,992				507,992
Refunding Bonds of 2013	4,506,832				4,506,832
School Bonds of 2014	193,058				193,058
School Bonds of 2015	590,892				590,892
Refunding Bonds of 2015	2,644,026	1,976,870			4,620,896
School Bonds of 2016		517,307			517,307
School Bonds of 2017		1,353,349			1,353,349
School Bonds of 2018		1,535,219	125,076		1,660,295
School Bonds of 2019			788,021		788,021
School Bonds of 2020			713,927		713,927
Refunding Bonds of 2020				4,921,900	4,921,900
School Bonds of 2021				1,482,400	1,482,400
TOTAL	10,196,619	5,382,745	1,627,024	6,404,300	23,610,688

**HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION
DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS
FY 22 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS**

	INTEREST				
	FY 22 RECORDATION	FY 22 TRANSFER	IMPACT FEE	FY 22 GENERAL FUNDS	TOTAL
Refunding Bonds of 2010	13,398				13,398
Refunding Bonds of 2012	28,648				28,648
School Bonds of 2012	251,486				251,486
School Bonds of 2013	205,665				205,665
Refunding Bonds of 2013	806,049				806,049
School Bonds of 2014	94,507				94,507
School Bonds of 2015	283,628				283,628
Refunding Bonds of 2015		1,611,440			1,611,440
School Bonds of 2016		248,307			248,307
School Bonds of 2017		757,508			757,508
School Bonds of 2018			1,050,966		1,050,966
School Bonds of 2019			589,045		589,045
School Bonds of 2020			232,965	251,613	484,578
Refunding Bonds of 2020				2,529,513	2,529,513
School Bonds of 2021				1,482,400	1,482,400
TOTAL	1,683,381	2,617,255	1,872,976	4,263,526	10,437,138

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM				
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
GENERAL FUND								
GENERAL CAPITAL								
FY 22 Funded Projects								
Board of Education Debt Service 22	124,880,000	0	19,880,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000
Disparity Study	600,000	0	600,000	0	0	0	0	0
Efficiency Capital Investment Projects	1,185,400	1,160,400	25,000	0	0	0	0	0
Facilities Repair Program	49,518,213	34,012,301	5,505,912	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Fleet Replacement	27,540,000	15,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Harford County Metro Area Network (HMAN)	36,280,000	16,280,000	20,000,000	0	0	0	0	0
Lease Revenue General	50,000,000	7,000,000	4,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000
Refresh Program	5,353,478	3,603,478	500,000	250,000	250,000	250,000	250,000	250,000
Safeguarding Business Operations	21,875,400	18,025,400	1,350,000	500,000	500,000	500,000	500,000	500,000
Site Acquisition	28,607,761	25,607,761	500,000	500,000	500,000	500,000	500,000	500,000
Underground and Aboveground Storage Tank Management	2,344,000	1,144,000	200,000	200,000	200,000	200,000	200,000	200,000
Open Projects								
Abingdon Library Window and HVAC Replacement	1,259,000	1,259,000	0	0	0	0	0	0
Courthouse Building Repairs	10,034,900	10,034,900	0	0	0	0	0	0
Fleet Maintenance Facility	16,126,000	16,126,000	0	0	0	0	0	0
Harford County Agricultural Research and Exposition Center	2,800,000	2,800,000	0	0	0	0	0	0
Harford Cable Network High-Definition Upgrade	600,000	600,000	0	0	0	0	0	0
Humane Society	7,050,000	7,050,000	0	0	0	0	0	0
1201 Technology Drive	2,000,000	2,000,000	0	0	0	0	0	0
General Capital Total by Project	388,054,152	162,243,240	55,060,912	33,450,000	35,450,000	33,450,000	34,950,000	33,450,000
Paygo	62,453,491	44,578,491	4,125,000	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	19,440,000	0	5,940,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000
Prior Bonds	100,920,069	100,879,157	40,912	0	0	0	0	0
Transfer Tax	55,500,000	0	8,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000
Recordation Tax	69,380,000	0	11,880,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000
State	13,995,400	3,770,400	10,225,000	0	0	0	0	0
Federal	13,075,692	2,725,692	10,350,000	0	0	0	0	0
Developer/Other	1,729,500	1,729,500	0	0	0	0	0	0
Lease Purchase	1,560,000	1,560,000	0	0	0	0	0	0
Lease Revenue	50,000,000	7,000,000	4,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000
General Capital Total by Fund	388,054,152	162,243,240	55,060,912	33,450,000	35,450,000	33,450,000	34,950,000	33,450,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>GENERAL FUND</u>													
<u>GENERAL CAPITAL</u>													
Board of Education Debt Service	19,880,000	0	0	0	0	0	0	8,000,000	11,880,000	0	0	0	0
Disparity Study	600,000	0	600,000	0	0	0	0	0	0	0	0	0	0
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Facilities Repair Program	5,505,912	0	0	40,912	5,240,000	0	0	0	0	225,000	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	20,000,000	0	0	0	0	0	0	0	0	10,000,000	0	10,000,000	0
Lease Revenue	4,500,000	0	0	0	0	4,500,000	0	0	0	0	0	0	0
Refresh Program	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	1,350,000	0	1,000,000	0	0	0	0	0	0	0	0	350,000	0
Site Acquisition	500,000	0	0	0	500,000	0	0	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0
SUB-TOTAL GENERAL	55,060,912	0	4,125,000	40,912	5,940,000	4,500,000	0	8,000,000	11,880,000	10,225,000	0	10,350,000	0

PROJECT: Board of Education Debt Service 22

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

A224101

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

This project will be ongoing to pay debt service.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		19,880,000	19,880,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	124,880,000
Total Cost	0	19,880,000	19,880,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	124,880,000

FUNDING SCHEDULE

R1515 Recordation Tax		11,880,000	11,880,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	69,380,000
R1525 Transfer Tax		8,000,000	8,000,000	9,500,000	9,500,000	9,500,000	9,500,000	9,500,000	55,500,000
R8027 Reappropriated Rec. Tax			0						0
			0						0
			0						0
			0						0
Total Funds	0	19,880,000	19,880,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	124,880,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	
Encumbered	0
Total	\$0

PROJECT: Disparity Study

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A224102

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		600,000	600,000						600,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	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
			0						0
Total Funds	0	600,000	600,000	0	0	0	0	0	600,000

Est. Annual Debt Service Cost:

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	0
Total	\$0

PROJECT: Efficiency Capital Investment Projects

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A134104

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

All years - implement energy efficient measures and projects throughout the county

PROJECT STATUS:

Ongoing

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	495,000	25,000	520,000						520,000
Total Cost	1,160,400	25,000	1,185,400	0	0	0	0	0	1,185,400

FUNDING SCHEDULE

R8750 Paygo	275,000	25,000	300,000						300,000
R6999 Other	30,000		30,000						30,000
R3399 State Other	855,400		855,400						855,400
			0						0
			0						0
			0						0
Total Funds	1,160,400	25,000	1,185,400	0	0	0	0	0	1,185,400

Est. Annual Debt Service Cost:

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	475,084
Encumbered	20,235
Total	\$495,319

PROJECT: Facilities Repair Program

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A034102

PROJECT DESCRIPTION / JUSTIFICATION:

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

State funds in FY 22 is authority to accept State Library funds to assist with equipping, etc. Darlington Library



PROJECT SCHEDULE:

FY 22: Replacement of the McFaul Senior Center HVAC, HCSO Detention Center elevators, Abingdon Transit roof, Jarrettsville pumps. Library / Northern Precinct parking lot, Edgewood Library parking lot, equipment for Darlington Library, 29 W. Courtland Renovations, and elevator replacement at Highland.

PROJECT STATUS:

Projects completed: Fallston and Joppa Library parking lot, 18 Office Street roof, 212 S. Bond Street elevators and Council Chambers HVAC system, Abingdon Library RTU's replacement, Northern Precinct security system and 220 S. Main Street heat pumps.

Prior Bonds in the amount of \$40,912 reallocated from the Solid Waste Capital Project HWDC Compost Area Facilities (D075601).

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	3,334,093	352,500	3,686,593	200,000	200,000	200,000	200,000	200,000	4,686,593
Land Acquisition			0						0
Construction	30,128,756	4,390,912	34,519,668	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	43,519,668
Inspection Fees	549,452	72,500	621,952						621,952
Equipment/Furnishing		690,000	690,000						690,000
Total Cost	34,012,301	5,505,912	39,518,213	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	49,518,213

FUNDING SCHEDULE

R8750 Paygo	7,489,613		7,489,613						7,489,613
R7000 Future Bonds	0	5,240,000	5,240,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	15,240,000
R3150 Federal - ARRA Funds	2,065,792		2,065,792						2,065,792
R3399 State Other	470,000	225,000	695,000						695,000
R6999 Other	119,500		119,500						119,500
R7100 Prior Bonds	23,867,396	40,912	23,908,308						23,908,308
			0						0
Total Funds	34,012,301	5,505,912	39,518,213	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	49,518,213

Est. Annual Debt Service Cost
\$582,966

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	25,468,507
Encumbered	2,046,537
Total	\$27,515,044

PROJECT: Fleet Replacement

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

A124102

PROJECT DESCRIPTION / JUSTIFICATION:

Provide funds for the replacement of essential vehicles and equipment to enable 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.

PROJECT SCHEDULE:

PROJECT STATUS:

Ongoing.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	15,540,000	2,000,000	17,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	27,540,000
Total Cost	15,540,000	2,000,000	17,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	27,540,000

FUNDING SCHEDULE

R8750 Paygo	15,540,000	2,000,000	17,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	27,540,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	15,540,000	2,000,000	17,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	27,540,000

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	13,477,205
Encumbered	1,217,642
Total	\$14,694,847

PROJECT: Harford County Metro Area Network (HMAN)

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

A124131

PROJECT DESCRIPTION / JUSTIFICATION:

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



Federal and State appropriation authority for FY 22 to accept grant funding to be used to expand the HMAN footprint, creating additional diversity within the network.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	16,280,000		16,280,000						16,280,000
Land Acquisition			0						0
Construction		20,000,000	20,000,000						20,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	16,280,000	20,000,000	36,280,000	0	0	0	0	0	36,280,000

FUNDING SCHEDULE

R7100 Prior Bonds	16,200,000		16,200,000						16,200,000
R6999 Other	80,000		80,000						80,000
R7000 Future Bonds			0						0
R8750 Paygo			0						0
R3199 Federal Other		10,000,000	10,000,000						10,000,000
R3399 State Other		10,000,000	10,000,000						10,000,000
Total Funds	16,280,000	20,000,000	36,280,000	0	0	0	0	0	36,280,000

Est. Annual Debt Service Cost
\$324,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	14,548,870
Encumbered	893,631
Total	\$15,442,501

PROJECT: Lease Revenue General

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A214102

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	7,000,000	4,500,000	11,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000	50,000,000
Total Cost	7,000,000	4,500,000	11,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000	50,000,000

FUNDING SCHEDULE

R7150 - Lease Finance	7,000,000	4,500,000	11,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000	50,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	7,000,000	4,500,000	11,500,000	7,000,000	9,000,000	7,000,000	8,500,000	7,000,000	50,000,000

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Refresh Program

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A124103

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

Ongoing

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,603,478	500,000	4,103,478	250,000	250,000	250,000	250,000	250,000	5,353,478
Total Cost	3,603,478	500,000	4,103,478	250,000	250,000	250,000	250,000	250,000	5,353,478

FUNDING SCHEDULE

R8750 Paygo	3,603,478	500,000	4,103,478	250,000	250,000	250,000	250,000	250,000	5,353,478
			0						0
			0						0
			0						0
			0						0
Total Funds	3,603,478	500,000	4,103,478	250,000	250,000	250,000	250,000	250,000	5,353,478

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/22/21:

Expended	3,135,238
Encumbered	10,696
Total	\$3,145,934

PROJECT: Safeguarding Business Operations

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A114104

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

FY 22 funds appropriated to bring the Human Resources platform onto the ERP system. Appropriation authority to accept Federal funding for public safety licensing.

PROJECT STATUS:

Ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	18,025,400	1,350,000	19,375,400	500,000	500,000	500,000	500,000	500,000	21,875,400
Total Cost	18,025,400	1,350,000	19,375,400	500,000	500,000	500,000	500,000	500,000	21,875,400

FUNDING SCHEDULE

R8750 Paygo	16,465,400	1,000,000	17,465,400	500,000	500,000	500,000	500,000	500,000	19,965,400
R7160 Lease Purchase	1,560,000		1,560,000						1,560,000
R3199 Federal Other		350,000	350,000						350,000
			0						0
			0						0
			0						0
Total Funds	18,025,400	1,350,000	19,375,400	500,000	500,000	500,000	500,000	500,000	21,875,400

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
 Expended 14,229,269
 324,961 381,656
 Total \$14,610,925

PROJECT: Site Acquisition

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A064109

PROJECT DESCRIPTION / JUSTIFICATION:

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 and recreation, libraries, and other public purposes.



PROJECT SCHEDULE:

PROJECT STATUS:

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition	25,607,761	500,000	26,107,761	500,000	500,000	500,000	500,000	500,000	28,607,761
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	25,607,761	500,000	26,107,761	500,000	500,000	500,000	500,000	500,000	28,607,761

FUNDING SCHEDULE

R3199 Federal Other	525,000		525,000						525,000
R3399 State Other	225,000		225,000						225,000
R7100 Prior Bonds	24,507,761		24,507,761						24,507,761
R7000 Future Bonds		500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
R6330 Developer	350,000		350,000						350,000
Total Funds	25,607,761	500,000	26,107,761	500,000	500,000	500,000	500,000	500,000	28,607,761

Est. Annual Debt Service Cost
\$500,155

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 19,725,952
 Encumbered 0
 Total \$19,725,952

PROJECT: Underground and Aboveground Storage Tank Management

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A144104

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

- Upkeep on veeder root fuel tank monitoring systems located at all fuel sites in the County
- Add information software at remaining fuel sites that have been upgraded
- DEF tanks installed to provide DEF fluid to Harford County vehicles
- Refresh Countywide fueling systems and components



PROJECT STATUS:

This project is open and ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2021	FY 2022	FY 2023	FY 2024	FT 2025	
Engineering/Design	60,000	25,000	85,000						85,000
Land Acquisition			0						0
Construction	839,500	100,000	939,500						939,500
Inspection Fees	133,500	25,000	158,500						158,500
Equipment/Furnishing	111,000	50,000	161,000	200,000	200,000	200,000	200,000	200,000	1,161,000
Total Cost	1,144,000	200,000	1,344,000	200,000	200,000	200,000	200,000	200,000	2,344,000

FUNDING SCHEDULE

R8750 Paygo	605,000		605,000						605,000
R7000 Future Bonds		200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
R7100 Prior Bonds	539,000		539,000						539,000
			0						0
			0						0
			0						0
Total Funds	1,144,000	200,000	1,344,000	200,000	200,000	200,000	200,000	200,000	2,344,000

Est. Annual Debt Service Cost
14,780

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	655,138
Encumbered	0
Total	\$655,138

OPEN/ACTIVE PROJECTS

PROJECT: Abingdon Library Window and HVAC Replacement

GENERAL

COUNCIL DISTRICT: B

LOCATION: Abingdon

A194101

PROJECT DESCRIPTION / JUSTIFICATION:

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

Project also will replace existing HVAC system.

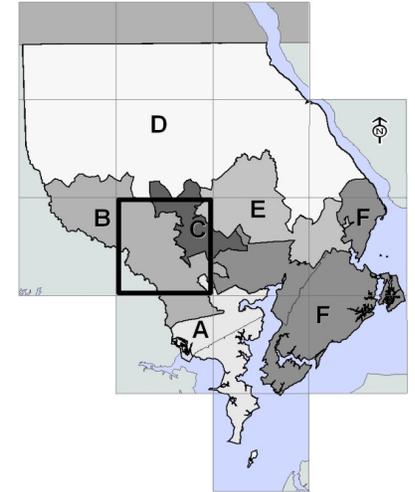
PROJECT SCHEDULE:

FY 20: Engineering/design, bid HVAC project

FY 21: Construction HVAC

PROJECT STATUS:

Curtainwall window project completed.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	1,259,000	0	1,259,000	0	0	0	0	0	1,259,000

Est. Annual Debt Service Cost:
\$11,780

OPERATING BUDGET IMPACT

Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	1,057,000
Encumbered	0
Total	\$1,057,000

PROJECT: Courthouse Building Repairs

GENERAL

COUNCIL DISTRICT: C

LOCATION: Bel Air

A094102

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

FY 21: Replacement of non-historic roof, upgrade of fire alarm system, renovation of bathrooms.

FY 22: Repointing of the non-historic side of building, modernizations of the bathrooms, renovation of slate floor in lobby area and upgrade of the power supply and distribution.

PROJECT STATUS:

Projects completed in the past year include the prisoner's elevator, replacement of the non-historic roof and renovation of the non-historic slate roof.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY2027	
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 Funds	134,900		134,900						134,900
R8750 Paygo	100,000		100,000						100,000
R7000 Future Bonds	0		0						0
R7100 Prior Bonds	9,800,000		9,800,000						9,800,000
R3399 State Other	0		0						0
			0						0
Total Funds	10,034,900	0	10,034,900	0	0	0	0	0	10,034,900

Est. Annual Debt Service Cost
\$196,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/2/21:

Expended	9,228,171
Encumbered	104,806
Total	\$9,332,977

PROJECT: Fleet Maintenance Facility

GENERAL

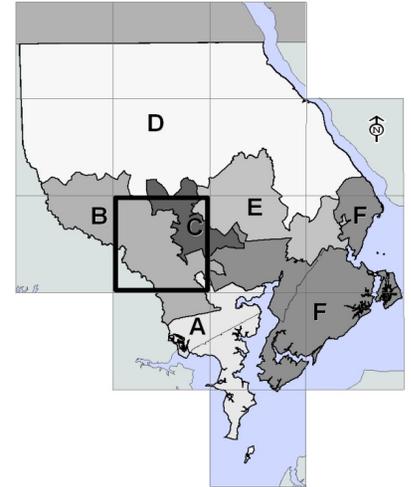
COUNCIL DISTRICT: C

LOCATION: Hickory

A164102

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

FY 19 - Design
FY 20 - Construction

PROJECT STATUS:

Project is currently under construction and on schedule.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	16,126,000	0	16,126,000	0	0	0	0	0	16,126,000

Est. Annual Debt Service Cost
\$322,520

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/2/21:

Expended	6,887,151
Encumbered	7,945,540
Total	\$14,832,691

PROJECT: Harford County Agricultural Research and Exposition Center

GENERAL

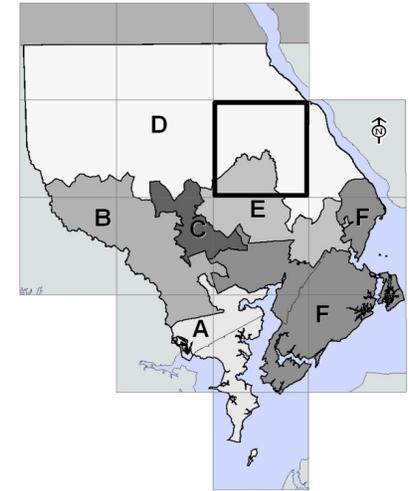
COUNCIL DISTRICT: D

LOCATION: Dublin

A164103

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide funding for site, 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.



PROJECT SCHEDULE

FY21: Phase III includes the two educational hiking trails that will highlight demonstration projects such as soils conservation best practices, gardens, and identify native species. The trails will also have a connection to Chesapeake Therapeutic Riding property. At the start of the trail there will be a public pavilion and an agricultural themed playground.

PROJECT STATUS:

Project is in design phase.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	850,000		850,000						850,000
Land Acquisition			0						0
Construction	1,950,000		1,950,000						1,950,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,800,000	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
R7920 State Bonds	550,000		550,000						550,000
R7000 Future Bonds			0						0
R3399 State Other			0						0
			0						0
			0						0
Total Funds	2,800,000	0	2,800,000	0	0	0	0	0	2,800,000

Est. Annual Debt Service Cost:
\$45,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
 Expended 1,450,045
 Encumbered 283,301
Total \$1,733,346

PROJECT: Harford Cable Network High-Definition Upgrade

GENERAL

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A184103

PROJECT DESCRIPTION / JUSTIFICATION:

Funding will provide for the upgrade of the standard definition equipment to high definition equipment, to allow for the transmission of a high definition channel.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	600,000		600,000						600,000
Total Cost	600,000	0	600,000	0	0	0	0	0	600,000

FUNDING SCHEDULE

R8750 Paygo	500,000		500,000						500,000
R6999 Other	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	0	600,000	0	0	0	0	0	600,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	433,396
Encumbered	
Total	\$433,396

PROJECT: Humane Society

GENERAL

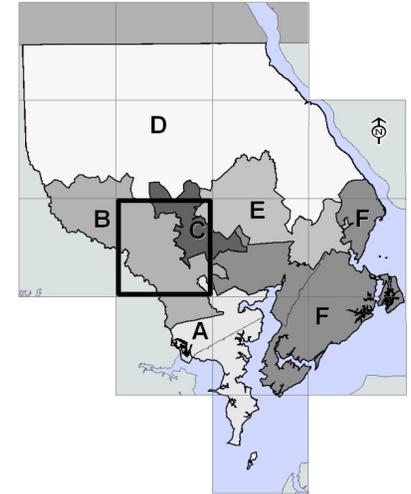
COUNCIL DISTRICT: B

LOCATION: Benson, MD

A114102

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	375,000		375,000						375,000
Land Acquisition			0						0
Construction	5,800,000		5,800,000						5,800,000
Inspection Fees	225,000		225,000						225,000
Equipment/Furnishing	650,000		650,000						650,000
Total Cost	7,050,000	0	7,050,000	0	0	0	0	0	7,050,000

FUNDING SCHEDULE

R7100 Prior Bonds	6,000,000		6,000,000						6,000,000
R6999 Other	1,050,000		1,050,000						1,050,000
			0						0
			0						0
			0						0
			0						0
Total Funds	7,050,000	0	7,050,000	0	0	0	0	0	7,050,000

Est. Annual Debt Service Cost
\$120,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	6,155,403
Encumbered	0
Total	\$6,155,403

PROJECT: 1201 Technology Drive

GENERAL

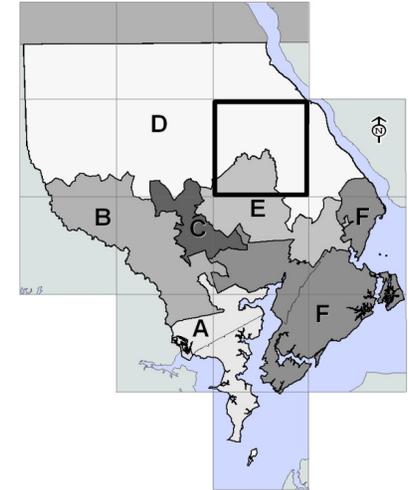
COUNCIL DISTRICT: D

LOCATION: Aberdeen

A204103

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funds for repairs and renovations to the facility located at 1201 Technology Drive to include roof, mechanical, electrical and plumbing.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,000,000		2,000,000						2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

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
			0						0
			0						0
			0						0
			0						0
Total Funds	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

Est. Annual Debt Service Cost:
\$20,000

OPERATING BUDGET IMPACT

Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	27,865
Encumbered	0
Total	\$27,865

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
GENERAL FUND									
WATERSHED MANAGEMENT									
<u>FY 22 Funded Projects</u>									
County Owned Stormwater Mmgmnt Rehabilitation & Repair	1,000,000	350,000	150,000	100,000	100,000	100,000	100,000	100,000	100,000
County Owned Watershed Restoration Improvements	36,350,000	15,400,000	3,775,000	3,275,000	3,325,000	3,425,000	3,525,000	3,625,000	3,625,000
Joppatowne Area Watershed Restoration	8,300,000	5,800,000	150,000	150,000	550,000	550,000	550,000	550,000	550,000
Maintenance/Repair of Stormwater Facilities	872,850	0	872,850	0	0	0	0	0	0
Middle Bynum Run Watershed Restoration Improvements	5,250,000	1,450,000	200,000	600,000	750,000	750,000	750,000	750,000	750,000
Plumtree Run Watershed Restoration	13,143,452	7,643,452	1,000,000	900,000	900,000	900,000	900,000	900,000	900,000
Riverside Area Watershed Restoration	9,635,886	3,585,886	975,000	1,575,000	875,000	875,000	875,000	875,000	875,000
Sams Branch Watershed Restoration	6,172,922	3,772,922	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Septic System Disconnection	900,000	500,000	150,000	50,000	50,000	50,000	50,000	50,000	50,000
Stormwater Pollution Prevention	2,331,395	1,331,395	250,000	150,000	150,000	150,000	150,000	150,000	150,000
Upper Bynum Run Watershed Restoration Improvements	14,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Watershed Restoration Assessment	16,800,000	8,500,000	1,300,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
Watershed Restoration Improvements	10,450,000	6,250,000	650,000	550,000	750,000	750,000	750,000	750,000	750,000
Watershed Restoration Maintenance	1,360,000	560,000	300,000	100,000	100,000	100,000	100,000	100,000	100,000
Wheel Creek Watershed Restoration	7,489,607	7,189,607	300,000	0	0	0	0	0	0
<u>Outyear Projects</u>									
Maintenance/Repair of Dams	2,755,000	2,505,000	0	50,000	50,000	50,000	50,000	50,000	50,000
<u>Open Projects</u>									
Bynum Run @ St. Andrews Way Stream Restoration	2,297,026	2,297,026	0	0	0	0	0	0	0
Lilly Run Watershed Restoration	725,000	725,000	0	0	0	0	0	0	0
Stormwater Enhancement	900,000	900,000	0	0	0	0	0	0	0
Sunnyview Stream Restoration	5,192,220	5,192,220	0	0	0	0	0	0	0
Watershed Management Total by Project	145,925,358	75,952,508	12,472,850	11,300,000	11,400,000	11,500,000	11,600,000	11,700,000	11,700,000
Paygo - Special Dedicated Paygo	10,287,508	7,187,508	850,000	450,000	450,000	450,000	450,000	450,000	450,000
Prior Bonds	36,300,000	36,300,000	0	0	0	0	0	0	0
Future Bonds	42,000,000	0	6,750,000	6,850,000	6,950,000	7,050,000	7,150,000	7,250,000	7,250,000
Reappropriated	0	0	0	0	0	0	0	0	0
Recordation Tax	200,000	200,000	0	0	0	0	0	0	0
State	48,557,016	25,157,016	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000
Federal	4,197,984	3,597,984	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Developer/Other	4,382,850	3,510,000	872,850	0	0	0	0	0	0
Watershed Management Total by Fund	145,925,358	75,952,508	12,472,850	11,300,000	11,400,000	11,500,000	11,600,000	11,700,000	11,700,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>GENERAL FUND</u>													
<u>WATERSHED MANAGEMENT</u>													
County Owned Stormwater Management Rehab and Repair*	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
County Owned Watershed Restoration Improvements	3,775,000	0	0	0	2,550,000	0	0	0	0	1,225,000	0	0	0
Joppatowne Area Watershed Restoration	150,000	0	0	0	0	0	0	0	0	150,000	0	0	0
Maintenance/Repair of Stormwater Facilities	872,850	0	0	0	0	0	0	0	0	0	0	0	872,850
Middle Bynum Run Watershed Restoration Improvements	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0
Plumtree Run Watershed Restoration	1,000,000	0	0	0	500,000	0	0	0	0	500,000	0	0	0
Riverside Area Watershed Restoration	975,000	0	0	0	500,000	0	0	0	0	475,000	0	0	0
Sams Branch Watershed Restoration	400,000	0	0	0	300,000	0	0	0	0	100,000	0	0	0
Septic System Disconnection*	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention*	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Upper Bynum Run Watershed Restoration Improvements	2,000,000	0	0	0	1,000,000	0	0	0	0	1,000,000	0	0	0
Watershed Restoration Assessment	1,300,000	0	0	0	900,000	0	0	0	0	300,000	0	100,000	0
Watershed Restoration Improvements	650,000	0	0	0	500,000	0	0	0	0	150,000	0	0	0
Watershed Restoration Maintenance*	300,000	0	300,000	0	0	0	0	0	0	0	0	0	0
Wheel Creek Watershed Restoration	300,000	0	0	0	300,000	0	0	0	0	0	0	0	0
<i>*Special Dedicated Paygo</i>													
SUB-TOTAL WATERSHED MANAGEMENT	12,472,850	0	850,000	0	6,750,000	0	0	0	0	3,900,000	0	100,000	872,850

PROJECT: County Owned Stormwater Management Rehabilitation and Repair

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

M184104

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

Fallston Library under design for repairs and retrofit. Retrofit expenditures charged to County Owned Watershed Restoration.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	335,000	145,000	480,000	90,000	90,000	90,000	90,000	90,000	930,000
Inspection Fees	15,000	5,000	20,000	10,000	10,000	10,000	10,000	10,000	70,000
Equipment/Furnishing			0						0
Total Cost	350,000	150,000	500,000	100,000	100,000	100,000	100,000	100,000	1,000,000

FUNDING SCHEDULE

R8750 Special Dedicated Paygo	350,000	150,000	500,000	100,000	100,000	100,000	100,000	100,000	1,000,000
									0
Total Funds	350,000	150,000	500,000	100,000	100,000	100,000	100,000	100,000	1,000,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: County Owned Watershed Restoration Improvements

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A164105

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

- Magnolia Middle Stream Restoration (Construction completed Sep 2020)
- C Milton Wright Stream RestoratIn (Design 75% complete, 1 easement needed)
- Jarrettsville Elementary SWM Retrofit (Planning)
- Fallston High & Middle (Final design pending)
- Fallston Library (Design complete)
- Church Creek ES SWM Retrofit and Stream Restoration (Design complete, 1 easement needed)
- Fallston Firehouse (Design complete, 1 easement needed)
- Heavenly Wetland and Stream Creation (Construction out for bid Dec 2020, construction to begin after stream closure June 15, 2021)
- Courthouse Retrofit (Construction completed May 2020)

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	3,660,000	1,150,000	4,810,000	150,000	325,000	325,000	325,000	325,000	6,260,000
Land Acquisition			0						0
Construction	9,735,000	1,935,000	11,670,000	2,850,000	2,700,000	2,800,000	2,900,000	3,000,000	25,920,000
Inspection Fees	2,005,000	690,000	2,695,000	275,000	300,000	300,000	300,000	300,000	4,170,000
Equipment/Furnishing			0						0
Total Cost	15,400,000	3,775,000	19,175,000	3,275,000	3,325,000	3,425,000	3,525,000	3,625,000	36,350,000

FUNDING SCHEDULE

R7100 Prior Bonds	9,950,000		9,950,000						9,950,000
R3320 State DNR/SWM	5,150,000	1,225,000	6,375,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	12,500,000
R3199 Federal Other	300,000		300,000						300,000
R7000 Future Bonds		2,550,000	2,550,000	2,050,000	2,100,000	2,200,000	2,300,000	2,400,000	13,600,000
Total Funds	15,400,000	3,775,000	19,175,000	3,275,000	3,325,000	3,425,000	3,525,000	3,625,000	36,350,000

Est. Annual Debt Service Cost
\$250,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
Expended 5,186,520
Encumbered 1,021,621
Total \$6,208,141

PROJECT: Joppatowne Area Watershed Restoration

WATERSHED MANAGEMENT

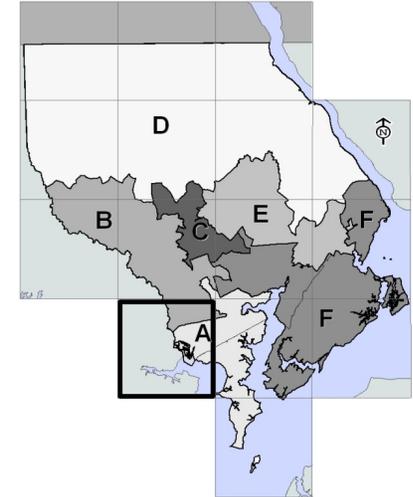
COUNCIL DISTRICT: A

LOCATION: Joppatowne

A124104

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

Foster Branch at Stillmeadow (Construction contract awarded, construction when stream closure is over June 15, 2021).

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,990,000	150,000	2,140,000	150,000	100,000	100,000	100,000	100,000	2,690,000
Land Acquisition			0						0
Construction	3,375,000		3,375,000	0	400,000	400,000	400,000	400,000	4,975,000
Inspection Fees	435,000		435,000		50,000	50,000	50,000	50,000	635,000
Equipment/Furnishing			0						0
Total Cost	5,800,000	150,000	5,950,000	150,000	550,000	550,000	550,000	550,000	8,300,000

FUNDING SCHEDULE

Funding Source	Prior	FY 2022	Appropriation	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
R8750 Paygo	525,000		525,000						525,000
R7100 Prior Bonds	2,950,000		2,950,000						2,950,000
R3320 State DNR/SWM	2,150,000	150,000	2,300,000	150,000	150,000	150,000	150,000	150,000	3,050,000
R3199 Federal Other	175,000		175,000						175,000
R7000 Future Bonds			0		400,000	400,000	400,000	400,000	1,600,000
			0						0
Total Funds	5,800,000	150,000	5,950,000	150,000	550,000	550,000	550,000	550,000	8,300,000

OPERATING BUDGET IMPACT:

\$59,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	1,811,114
Encumbered	564,490
Total	\$2,375,604

PROJECT: Maintenance/Repair of Stormwater Facilities

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

M224103

PROJECT DESCRIPTION / JUSTIFICATION:

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).

PROJECT SCHEDULE:



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	872,850	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 Funds	0	872,850	872,850	0	0	0	0	0	872,850

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Middle Bynum Run Watershed Restoration Improvements

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

M204104

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	575,000	200,000	775,000	600,000	200,000	200,000	200,000	200,000	2,175,000
Land Acquisition			0						0
Construction	687,500		687,500		500,000	500,000	500,000	500,000	2,687,500
Inspection Fees	187,500		187,500		50,000	50,000	50,000	50,000	387,500
Equipment/Furnishing			0						0
Total Cost	1,450,000	200,000	1,650,000	600,000	750,000	750,000	750,000	750,000	5,250,000

FUNDING SCHEDULE

R3320 State DNR/SWM	1,000,000		1,000,000						1,000,000
R7100 Prior Bonds	450,000		450,000						450,000
R7000 Future Bonds		200,000	200,000	600,000	750,000	750,000	750,000	750,000	3,800,000
Total Funds	1,450,000	200,000	1,650,000	600,000	750,000	750,000	750,000	750,000	5,250,000

Est. Annual Debt Service Cost
\$13,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
Expended 1,450,000
Encumbered 0
Total \$1,450,000

PROJECT: Plumtree Run Watershed Restoration

WATERSHED MANAGEMENT

COUNCIL DISTRICT: C

LOCATION: Bel Air

A124105

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,193,452	370,000	1,563,452	270,000	270,000	270,000	270,000	270,000	2,913,452
Land Acquisition			0						0
Construction	5,450,000	495,000	5,945,000	495,000	495,000	495,000	495,000	495,000	8,420,000
Inspection Fees	1,000,000	135,000	1,135,000	135,000	135,000	135,000	135,000	135,000	1,810,000
Equipment/Furnishing			0						0
Total Cost	7,643,452	1,000,000	8,643,452	900,000	900,000	900,000	900,000	900,000	13,143,452

FUNDING SCHEDULE

R8750 Paygo	418,452		418,452						418,452
R3320 State DNR/SWM	2,050,000	500,000	2,550,000	500,000	500,000	500,000	500,000	500,000	5,050,000
R3199 Federal Other	525,000		525,000						525,000
R7100 Prior Bonds	4,650,000		4,650,000						4,650,000
R7000 Future Bonds		500,000	500,000	400,000	400,000	400,000	400,000	400,000	2,500,000
			0						0
Total Funds	7,643,452	1,000,000	8,643,452	900,000	900,000	900,000	900,000	900,000	13,143,452

Est. Annual Debt Service Cost
\$103,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 5,187,636
 Encumbered 200,940
Total \$5,388,576

PROJECT: Riverside Area Watershed Restoration

WATERSHED MANAGEMENT

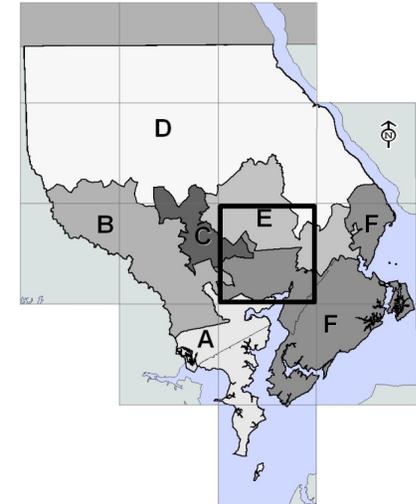
COUNCIL DISTRICT: F

LOCATION: Riverside

A154103

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

Northwest Branch Declaration Run Stream Restoration (Design 95% complete, 5 easements needed)

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	860,886	250,000	1,110,886	150,000	150,000	150,000	150,000	150,000	1,860,886
Land Acquisition			0						0
Construction	2,400,000	600,000	3,000,000	1,200,000	600,000	600,000	600,000	600,000	6,600,000
Inspection Fees	325,000	125,000	450,000	225,000	125,000	125,000	125,000	125,000	1,175,000
Equipment/Furnishing			0						0
Total Cost	3,585,886	975,000	4,560,886	1,575,000	875,000	875,000	875,000	875,000	9,635,886

FUNDING SCHEDULE

R3320 State DNR/SWM	1,575,000	475,000	2,050,000	475,000	475,000	475,000	475,000	475,000	4,425,000
R3199 Federal Other	75,000		75,000						75,000
R7100 Prior Bonds	1,720,000		1,720,000						1,720,000
R8750 Paygo	215,886		215,886						215,886
R7000 Future Bonds		500,000	500,000	1,100,000	400,000	400,000	400,000	400,000	3,200,000
Total Funds	3,585,886	975,000	4,560,886	1,575,000	875,000	875,000	875,000	875,000	9,635,886

Est. Annual Debt Service Cost
\$44,400

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 288,824
Encumbered 5,004
Total \$293,828

PROJECT: Sams Branch Watershed Restoration

WATERSHED MANAGEMENT

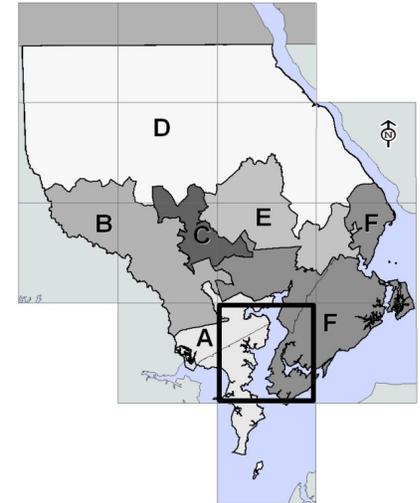
COUNCIL DISTRICT: A

LOCATION: Edgewood

A124106

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

Willoughby Beach Extended Retrofit and Stream Restoration (Construction completed May 2019)

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,422,922	100,000	1,522,922	100,000	100,000	100,000	100,000	100,000	2,022,922
Land Acquisition	0		0						0
Construction	2,075,000	250,000	2,325,000	250,000	250,000	250,000	250,000	250,000	3,575,000
Inspection Fees	275,000	50,000	325,000	50,000	50,000	50,000	50,000	50,000	575,000
Equipment/Furnishing	0		0						0
Total Cost	3,772,922	400,000	4,172,922	400,000	400,000	400,000	400,000	400,000	6,172,922

FUNDING SCHEDULE

R8750 Paygo	402,922		402,922						402,922
R7100 Prior Bonds	870,000		870,000						870,000
R3320 State DNR/SWM	2,350,000	100,000	2,450,000	100,000	100,000	100,000	100,000	100,000	2,950,000
R3199 Federal Other	150,000		150,000						150,000
R7000 Future Bonds		300,000	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
			0						0
Total Funds	3,772,922	400,000	4,172,922	400,000	400,000	400,000	400,000	400,000	6,172,922

Est. Annual Debt Service Cost
\$23,400

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,629,428
Encumbered 278,380
Total \$1,907,808

PROJECT: Septic System Disconnection

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

M174112

PROJECT DESCRIPTION / JUSTIFICATION:

As outlined the "Accounting for Stormwater Wasteload Allocations and Impervious Acres Treated", counties can receive watershed restoration credit towards their MS4 permit for septic systems that are connected to sanitary sewer. Funding to support these 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.

PROJECT SCHEDULE:



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	500,000	150,000	650,000	50,000	50,000	50,000	50,000	50,000	900,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	500,000	150,000	650,000	50,000	50,000	50,000	50,000	50,000	900,000

FUNDING SCHEDULE

R8750 Special Dedicated Paygo	500,000	150,000	650,000	50,000	50,000	50,000	50,000	50,000	900,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	150,000	650,000	50,000	50,000	50,000	50,000	50,000	900,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	140,933
Encumbered	345,306
Total	\$486,239

PROJECT: Stormwater Pollution Prevention

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

A124107

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,176,395	250,000	1,426,395	150,000	150,000	150,000	150,000	150,000	2,176,395
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	1,331,395	250,000	1,581,395	150,000	150,000	150,000	150,000	150,000	2,331,395

FUNDING SCHEDULE

R1515 Recordation Tax	140,000		140,000						140,000
R3320 State DNR/SWM	50,000		50,000						50,000
R8750 Special Dedicated Paygo	1,141,395	250,000	1,391,395	150,000	150,000	150,000	150,000	150,000	2,141,395
			0						0
Total Funds	1,331,395	250,000	1,581,395	150,000	150,000	150,000	150,000	150,000	2,331,395

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,088,486
 Encumbered 122,851
 Total \$1,211,337

PROJECT: Upper Bynum Run Watershed Restoration Improvements

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

M184105

PROJECT DESCRIPTION / JUSTIFICATION:

The Upper Bynum Run Watershed (5,500 acres) begins in Forest Hill near the intersection of Jarrestville Road and MD Route 24. An assessment of the watershed will be completed in the spring 2017 and 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.



PROJECT SCHEDULE:

PROJECT STATUS:

Hickory Vet Stormwater Retrofit (Design 95% complete)
 Spenceola Stormwater Retrofit (Design 30% complete)
 Gavigans Stormwater Retrofit (Design 95% complete)

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	850,000	500,000	1,350,000	500,000	500,000	500,000	500,000	500,000	3,850,000
Land Acquisition			0						0
Construction	850,000	1,200,000	2,050,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	8,050,000
Inspection Fees	300,000	300,000	600,000	300,000	300,000	300,000	300,000	300,000	2,100,000
Equipment/Furnishing			0						0
Total Cost	2,000,000	2,000,000	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,000,000

FUNDING SCHEDULE

R3320 State DNR/SWM	800,000	1,000,000	1,800,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,800,000
R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R7000 Future Bonds		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Total Funds	2,000,000	2,000,000	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,000,000

Est. Annual Debt Service Cost
\$44,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 165,089
 Encumbered 114,308
 Total \$279,397

PROJECT: Watershed Restoration Assessment

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A164106

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 22 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	7,100,000	1,300,000	8,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	15,400,000
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	8,500,000	1,300,000	9,800,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	16,800,000

FUNDING SCHEDULE

R7100 Prior Bonds	6,050,000		6,050,000						6,050,000
R3320 State DNR/SWM	1,925,000	300,000	2,225,000	300,000	300,000	300,000	300,000	300,000	3,725,000
R3199 Federal Other	525,000	100,000	625,000	100,000	100,000	100,000	100,000	100,000	1,125,000
R7000 Future Bonds		900,000	900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,900,000
Total Funds	8,500,000	1,300,000	9,800,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	16,800,000

Est. Annual Debt Service Cost
\$139,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 3,948,020
Encumbered 714,802
Total \$4,662,822

PROJECT: Watershed Restoration Improvements

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A164107

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

- Watervale Stream Restoration (Design 30% complete)
- Woodland Run Stream Restoration (Design 30% complete)
- Trib to First Mine Branch Stream Restoration (Design awarded)

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,385,000	125,000	1,510,000	75,000	125,000	125,000	125,000	125,000	2,085,000
Land Acquisition			0						0
Construction	4,140,000	425,000	4,565,000	425,000	575,000	575,000	575,000	575,000	7,290,000
Inspection Fees	725,000	100,000	825,000	50,000	50,000	50,000	50,000	50,000	1,075,000
Equipment/Furnishing			0						0
Total Cost	6,250,000	650,000	6,900,000	550,000	750,000	750,000	750,000	750,000	10,450,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,650,000		3,650,000						3,650,000
R7000 Future Bonds		500,000	500,000	400,000	600,000	600,000	600,000	600,000	3,300,000
R3320 State DNR/SWM	2,325,000	150,000	2,475,000	150,000	150,000	150,000	150,000	150,000	3,225,000
R3199 Federal Other	275,000		275,000						275,000
			0						0
			0						0
Total Funds	6,250,000	650,000	6,900,000	550,000	750,000	750,000	750,000	750,000	10,450,000

Est. Annual Debt Service Cost
\$83,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 603,983
 Encumbered 571,557
 Total \$1,175,540

PROJECT: Watershed Restoration Maintenance

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A164108

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	560,000	300,000	860,000	100,000	100,000	100,000	100,000	100,000	1,360,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	560,000	300,000	860,000	100,000	100,000	100,000	100,000	100,000	1,360,000

FUNDING SCHEDULE

R8750 Special Dedicated Paygo	400,000	300,000	700,000	100,000	100,000	100,000	100,000	100,000	1,200,000
R7100 Prior Bonds	160,000		160,000						160,000
									0
Total Funds	560,000	300,000	860,000	100,000	100,000	100,000	100,000	100,000	1,360,000

Est. Annual Debt Service Cost
\$4,464

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 322,598
Encumbered 233,437
Total \$556,035

PROJECT: Wheel Creek Watershed Restoration

WATERSHED MANAGEMENT

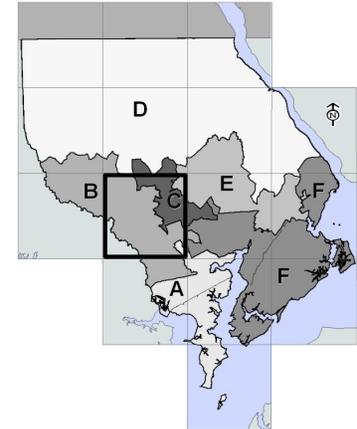
COUNCIL DISTRICT: B

LOCATION: Bel Air

A104102

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

All construction project have been completed that were recommended in the Wheel Creek Watershed Assessment.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	2,559,607		2,559,607						2,559,607
Land Acquisition			0						0
Construction	3,715,000	300,000	4,015,000						4,015,000
Inspection Fees	735,000		735,000						735,000
Equipment/Furnishing	180,000		180,000						180,000
Total Cost	7,189,607	300,000	7,489,607	0	0	0	0	0	7,489,607

FUNDING SCHEDULE

R8750 Paygo	1,989,607		1,989,607						1,989,607
R7100 Prior Bonds	1,650,000		1,650,000						1,650,000
R3320 State DNR/SWM	2,882,016		2,882,016						2,882,016
R3199 Federal Other	542,984		542,984						542,984
R6340 Corporate/Business	59,600		59,600						59,600
R6999 Other	65,400		65,400						65,400
R7000 Future Bonds		300,000	300,000						
Total Funds	7,189,607	300,000	7,489,607	0	0	0	0	0	7,189,607

Est. Annual Debt Service Cost
\$33,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 6,065,090
 Encumbered 286,793
 Total \$6,351,883

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: Maintenance/Repair of Dams

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A144128

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the annual maintenance of dams, which are the responsibility of Harford County, including but not limited to dams located at Deer Creek, Lake Serene, and Oaks of Harford. In addition, the project will provide the funding for 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 owner(s).

PROJECT SCHEDULE:



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,505,000		2,505,000	50,000	50,000	50,000	50,000	50,000	2,755,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,505,000	0	2,505,000	50,000	50,000	50,000	50,000	50,000	2,755,000

FUNDING SCHEDULE

R8750 Paygo	95,000		95,000						95,000
R1515 Recordation Tax	60,000		60,000						60,000
R8750 Special Dedicated Paygo	300,000		300,000	50,000	50,000	50,000	50,000	50,000	550,000
R6999 Other	1,300,000		1,300,000						1,300,000
R1602 Special Assessment	750,000		750,000						750,000
Total Funds	2,505,000	0	2,505,000	50,000	50,000	50,000	50,000	50,000	2,755,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 534,754
 Encumbered 77,226
 Total \$611,980

OPEN/ACTIVE PROJECTS

PROJECT: Bynum Run @ St. Andrews Way Stream Restoration

WATERSHED MANAGEMENT

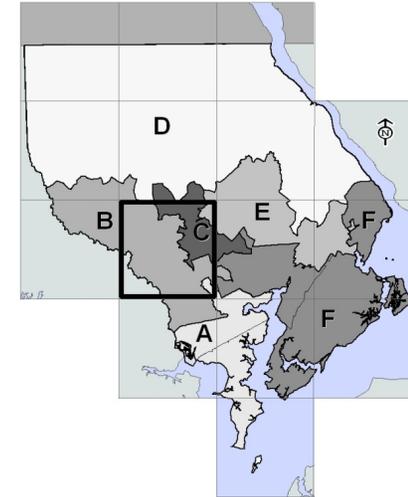
COUNCIL DISTRICT: C

LOCATION: Bel Air

A114105

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

Construction was completed in 2019, grant funded, leave project open to allow for any maintenance repairs.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	2,297,026	0	2,297,026	0	0	0	0	0	2,297,026

Est. Annual Debt Service Cost
\$6,779

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,839,630
Encumbered 457,396
Total \$2,297,026

PROJECT: Lilly Run Watershed Restoration

WATERSHED MANAGEMENT

COUNCIL DISTRICT: F

LOCATION: Havre de Grace

A134109

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	725,000		725,000						725,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	725,000	0	725,000	0	0	0	0	0	725,000

FUNDING SCHEDULE

R8750 Paygo	150,000		150,000						150,000
R3399 State Other	75,000		75,000						75,000
R6999 Other	500,000		500,000						500,000
			0						0
			0						0
			0						0
Total Funds	725,000	0	725,000	0	0	0	0	0	725,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 86,445
 Encumbered 0
 Total 86,445

PROJECT: Stormwater Enhancement

WATERSHED MANAGEMENT

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

A064114

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	165,000		165,000						165,000
Land Acquisition	85,000		85,000						85,000
Construction	650,000		650,000						650,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	900,000	0	900,000	0	0	0	0	0	900,000

FUNDING SCHEDULE

R8750 Paygo	65,000		65,000						65,000
R6999 Other	280,000		280,000						280,000
R6340 Corporate/Business	470,000		470,000						470,000
R6330 Developer	85,000		85,000						85,000
			0						0
			0						0
Total Funds	900,000	0	900,000	0	0	0	0	0	900,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 693,956
 Encumbered 0
 Total \$693,956

PROJECT: Sunnyview Stream Restoration

WATERSHED MANAGEMENT

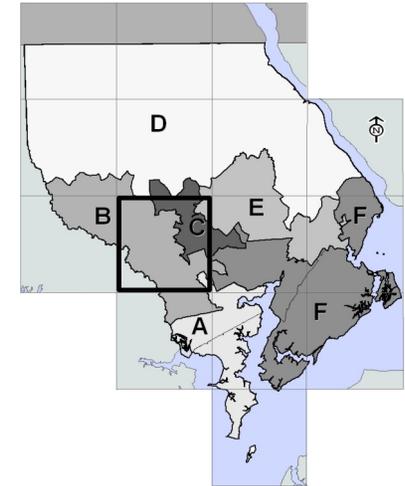
COUNCIL DISTRICT: C

LOCATION: Bel Air

A084107

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

Design (95% complete)

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
Total Funds	5,192,220	0	5,192,220	0	0	0	0	0	5,192,220

Est. Annual Debt Service Cost
\$53,221

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:

Expended	472,931
Encumbered	59,279
Total	\$532,210

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM				
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
PUBLIC SAFETY								
<u>FY 22 Funded Projects:</u>								
HCSO Body Worn Camera Program	2,772,228	0	350,000	605,557	605,557	605,557	605,557	0
HCSO Computer Equipment/Networks	3,480,415	3,020,415	460,000	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	0	6,000,000	0	0	0	0	0
Mobile/Portable Radio System Upgrade	8,765,000	5,265,000	2,000,000	1,100,000	100,000	100,000	100,000	100,000
Next-Gen 911	17,735,000	6,735,000	3,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
North Harford Station	4,700,000	2,700,000	2,000,000	0	0	0	0	0
Susquehanna Hose Company House 1	2,000,000	0	1,000,000	1,000,000	0	0	0	0
VFC Facility Repair	6,510,000	3,110,000	1,400,000	400,000	400,000	400,000	400,000	400,000
VFC Public Safety Equipment	6,525,000	2,125,000	1,400,000	600,000	600,000	600,000	600,000	600,000
<u>Open Projects</u>								
Aberdeen VFC Main Station Renovation	1,500,000	1,500,000	0	0	0	0	0	0
Emergency Operations Center Complex	37,494,525	37,494,525	0	0	0	0	0	0
HCSO Mobile Data Terminal Replacement	551,400	551,400	0	0	0	0	0	0
Joppa Magnolia Fire Station Expansion	1,240,000	1,240,000	0	0	0	0	0	0
Multi-Agency Public Safety Mobile Command Center	1,800,000	1,800,000	0	0	0	0	0	0
Public Safety Communication in School Buildings	750,000	750,000	0	0	0	0	0	0
Riverside Fire and EMS Station	3,800,000	3,800,000	0	0	0	0	0	0
Whiteford VFC Renovation of Main Station	1,200,000	1,200,000	0	0	0	0	0	0
Public Safety Total by Project	106,823,568	71,291,340	18,110,000	5,205,557	3,205,557	3,205,557	3,205,557	2,600,000
Paygo	24,003,551	14,771,323	810,000	2,605,557	1,605,557	1,605,557	1,605,557	1,000,000
Future Bonds	5,500,000	0	4,000,000	1,100,000	100,000	100,000	100,000	100,000
Prior Bonds	46,076,500	46,076,500	0	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0
State	18,098,000	7,098,000	3,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Federal	12,002,000	2,202,000	9,800,000	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0
Lease Purchase	481,017	481,017	0	0	0	0	0	0
Public Safety Total by Fund	106,823,568	71,291,340	18,110,000	5,205,557	3,205,557	3,205,557	3,205,557	2,600,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>GENERAL FUND</u>													
<u>PUBLIC SAFETY</u>													
HCSO Body Worn Camera Program	350,000	0	350,000	0	0	0	0	0	0	0	0	0	0
HCSO Computer Equipment/Networks	460,000	0	460,000	0	0	0	0	0	0	0	0	0	0
HCSO Fleet Replacement	6,000,000	0	0	0	0	0	0	0	0	0	0	6,000,000	0
Mobile/Portable Radio System Upgrade	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0
Next-Gen 911	3,500,000	0	0	0	0	0	0	0	0	3,500,000	0	0	0
North Harford Station	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0
Susquehanna Hose Company House 1 Replacement	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	0
VFC Facility Repair	1,400,000	0	0	0	0	0	0	0	0	0	0	1,400,000	0
VFC Public Safety Equipment	1,400,000	0	0	0	0	0	0	0	0	0	0	1,400,000	0
SUB-TOTAL PUBLIC SAFETY	18,110,000	0	810,000	0	4,000,000	0	0	0	0	3,500,000	0	9,800,000	0

PROJECT: HCSO Body Worn Camera Program

SHERIFF'S OFFICE

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

E224108

PROJECT DESCRIPTION / JUSTIFICATION:

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 capture, storage, access, and privacy controls for the program.



PROJECT SCHEDULE:

Commencement immediately after receipt of funding.

PROJECT STATUS:

New

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		350,000	350,000	605,557	605,557	605,557	605,557		2,772,228
Total Cost	0	350,000	350,000	605,557	605,557	605,557	605,557	0	2,772,228

FUNDING SCHEDULE

R8750 Paygo		350,000	350,000	605,557	605,557	605,557	605,557		2,772,228
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	350,000	350,000	605,557	605,557	605,557	605,557	0	2,772,228

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
Expended
Encumbered
Total \$0

PROJECT: HCSO Computer Equipment/Networks

SHERIFF'S OFFICE

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

E054106

PROJECT DESCRIPTION / JUSTIFICATION:

This request addresses the refreshment and replacement of agency computer and network equipment. In order to support public safety operations, it is necessary to refresh hardware to support current and future applications and critical applications utilized by the Harford County Sheriff's Office personnel. Reliable technology, current software, and up-to-date hardware all contribute to maximum employee productivity and reduce the need for repair, labor, and unnecessary support issues. Lack of funding for multiple prior years has backed up all refresh for hardware & software.

PROJECT SCHEDULE:



PROJECT STATUS:

Ongoing refresh of computer equipment

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,020,415	460,000	3,480,415						3,480,415
Total Cost	3,020,415	460,000	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	2,176,898	460,000	2,636,898						2,636,898
			0						0
			0						0
			0						0
Total Funds	3,020,415	460,000	3,480,415	0	0	0	0	0	3,480,415

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,600,697
 Encumbered 0
 Total \$2,600,697

PROJECT: HCSO Fleet Replacement

SHERIFF'S OFFICE

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

E224109

PROJECT DESCRIPTION / JUSTIFICATION:

The Sheriff's Office operates a fleet of over 400 vehicles. One-time federal funding will allow for needed replacement of approximately one-third of the HCSO fleet.

PROJECT SCHEDULE:

PROJECT STATUS:

Ongoing.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	6,000,000	6,000,000	0	0	0	0	0	6,000,000

FUNDING SCHEDULE

R3199 Federal Other		6,000,000	6,000,000						6,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	6,000,000	6,000,000	0	0	0	0	0	6,000,000

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/21:

Expended
Encumbered
Total \$0

PROJECT: Mobile/Portable Radio System Upgrade

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

E184106

PROJECT DESCRIPTION / JUSTIFICATION:

DES has assumed the responsibility of a county-wide 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.

PROJECT SCHEDULE:

- FY21/22: Ethernet conversions infrastructure-Motorola will no longer support current connection
- FY21/22: Microwave upgrade/replacement
- FY21/22: Purchase new pagers for Fire and EMS
- FY21/22: Replace public safety radios plus \$200,000 for anticipated new positions/vehicles
- FY23: Replace public service radios
- Annual: system maintenance and equipment repairs as needed



PROJECT STATUS:

Project is on-going

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,265,000	2,000,000	7,265,000	1,100,000	100,000	100,000	100,000	100,000	8,765,000
Total Cost	5,265,000	2,000,000	7,265,000	1,100,000	100,000	100,000	100,000	100,000	8,765,000

FUNDING SCHEDULE

R7100 Prior Bonds	5,115,000		5,115,000						5,115,000
R8750 Paygo	150,000		150,000						150,000
R7000 Future Bonds		2,000,000	2,000,000	1,100,000	100,000	100,000	100,000	100,000	3,500,000
			0						0
			0						0
			0						0
Total Funds	5,265,000	2,000,000	7,265,000	1,100,000	100,000	100,000	100,000	100,000	8,765,000

Est. Annual Debt Service Cost
\$142,300

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,193,674
 Encumbered 1,357,870
 Total \$2,551,544

PROJECT: Next-Gen 9-1-1

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

E204108

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

- FY21: back up center (Manorwood) project-includes 21 desks, generator, UPS, cabling
- FY21: CAD hardware
- FY21: 2 factor authentication
- FY21: Interface development for records management system (RMS) and new CAD
- FY21/22: CAD software upgrade
- FY21/FY22: ESI Net-special construction and initial set up for fiber diverse @ Manorwood
- FY21/22: 911 phone equipment upgrade - CPE and servers
- Annual: allowable reimbursements for 911 expenses due to State law changes

PROJECT STATUS:

In progress, plan to complete FY22

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	6,735,000	3,500,000	10,235,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	17,735,000
Total Cost	6,735,000	3,500,000	10,235,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	17,735,000

FUNDING SCHEDULE

R8750 Paygo	1,935,000		1,935,000						1,935,000
R3399 State Other	4,800,000	3,500,000	8,300,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	15,800,000
			0						0
			0						0
			0						0
			0						0
Total Funds	6,735,000	3,500,000	10,235,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	17,735,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 5,439,259
 Encumbered 306,292
 Total \$5,745,551

PROJECT: North Harford Station

EMERGENCY SERVICES

COUNCIL DISTRICT: D

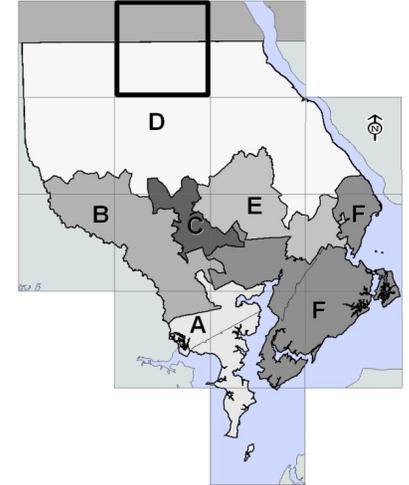
LOCATION: Pylesville

E214105

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY21: complete design and begin construction

FY22: complete construction

PROJECT STATUS:

In progress, plan to complete in FY22

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	2,300,000	2,000,000	4,300,000						4,300,000
Inspection Fees			0						0
Equipment/Furnishing	200,000		200,000						200,000
Total Cost	2,700,000	2,000,000	4,700,000	0	0	0	0	0	4,700,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,700,000		2,700,000						2,700,000
R7000 Future Bonds		2,000,000	2,000,000						2,000,000
			0						0
			0						0
			0						0
Total Funds	2,700,000	2,000,000	4,700,000	0	0	0	0	0	4,700,000

Est. Annual Debt Service Cost
\$54,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/21/22:
 Expended 36,457
 Encumbered 330,670
Total \$367,127

PROJECT: Susquehanna Hose Company House 1 Replacement

VOLUNTEER FIRE COMPANIES

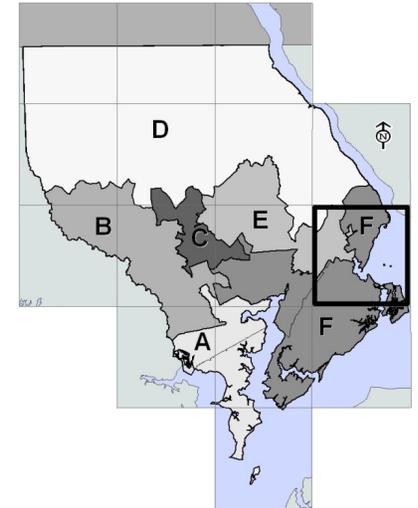
COUNCIL DISTRICT: F

LOCATION: Havre de Grace

E224110

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		1,000,000	1,000,000	1,000,000					2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	1,000,000	1,000,000	1,000,000	0	0	0	0	2,000,000

FUNDING SCHEDULE

R8750 Paygo			0	1,000,000					1,000,000
R3199 Federal Other		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	1,000,000	1,000,000	1,000,000	0	0	0	0	2,000,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	0
Total	\$0

PROJECT: VFC Facility Repair

VOLUNTEER FIRE COMPANIES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

E154104

PROJECT DESCRIPTION / JUSTIFICATION:

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



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	3,110,000	1,400,000	4,510,000	400,000	400,000	400,000	400,000	400,000	6,510,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,110,000	1,400,000	4,510,000	400,000	400,000	400,000	400,000	400,000	6,510,000

FUNDING SCHEDULE

R8750 Paygo	3,110,000		3,110,000	400,000	400,000	400,000	400,000	400,000	5,110,000
R3199 Federal Other		1,400,000	1,400,000						1,400,000
			0						0
			0						0
			0						0
Total Funds	3,110,000	1,400,000	4,510,000	400,000	400,000	400,000	400,000	400,000	6,510,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,547,064
 Encumbered 0
 Total \$2,547,064

PROJECT: VFC Public Safety Equipment

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

E174103

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funding to purchase and replace aging VFC Public Safety Equipment, to include, but not limited to, self-contained breathing apparatus (SCBA's); electronic monitor defibrillators; AED's; Knox Box (secure key) system; standardized gas meters used for air air sampling on fire apparatus; emergency vehicle transmitters for intersection emergency traffic control; fire ponds; 30,000 gallon cistern for northern Harford County; replacement of fire prevention safety house;



PROJECT SCHEDULE:

FY22: gas meters for all fire apparatus; county-wide knox box system; emergency vehicle transmitters; SCBA, 30,000 gallon cistern; and fire prevention safety house
 FY25: bulk purchase of SCBA Equipment
 FY 21-FY 25: replace aging VFC Safety Equipment as needed

PROJECT STATUS:

A spending plan has been established to make a bulk purchase every 3 years for 3 agencies for SCBA's The agency (VFC or hazmat) contributes 25% of the cost.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,125,000	1,400,000	3,525,000	600,000	600,000	600,000	600,000	600,000	6,525,000
Total Cost	2,125,000	1,400,000	3,525,000	600,000	600,000	600,000	600,000	600,000	6,525,000

FUNDING SCHEDULE

R8750 Paygo	1,875,000		1,875,000	600,000	600,000	600,000	600,000	600,000	4,875,000
R6999 Other	250,000		250,000						250,000
R3199 Federal Other		1,400,000	1,400,000						1,400,000
			0						0
			0						0
			0						0
Total Funds	2,125,000	1,400,000	3,525,000	600,000	600,000	600,000	600,000	600,000	6,525,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,725,799
 Encumbered 0
 Total \$1,725,799

OPEN/ACTIVE PROJECTS

PROJECT: Aberdeen VFC Main Station Renovation

VOLUNTEER FIRE COMPANIES

COUNCIL DISTRICT: E

LOCATION: Aberdeen

E204105

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,500,000
Encumbered 0
Total \$1,500,000

PROJECT: Emergency Operations Center Complex

EMERGENCY SERVICES

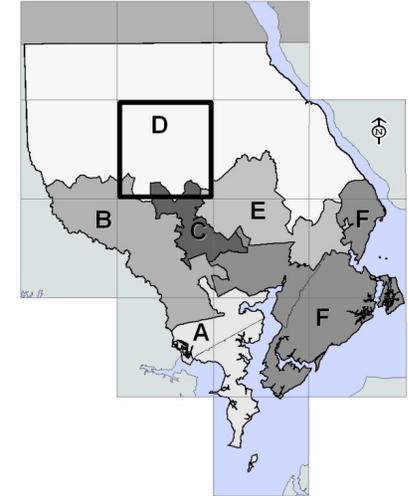
COUNCIL DISTRICT: D

LOCATION: Hickory

E074110

PROJECT DESCRIPTION / JUSTIFICATION:

A feasibility study was completed to determine expansion and upgrade requirements for a new Emergency Operations Center. Phase I of this project was completed in FY15. It includes new Emergency Operations and Dispatch centers, a County training facility, and office space for the Dept. of Emergency Services staff and the Dept. of Information Communication and Technology staff.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	37,494,525	0	37,494,525	0	0	0	0	0	37,494,525

Est. Annual Debt Service Cost
\$653,230

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 35,061,945
 Encumbered 121,270
Total \$35,183,215

PROJECT: Harford County Sheriff's Office Mobile Data Terminal Replacement

SHERIFF'S OFFICE

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

E214103

PROJECT DESCRIPTION / JUSTIFICATION:

This funding will be used to replace 95 Mobile Data Terminals (MDT) and related hardware currently deployed in vehicles used by Sheriff's Office deputies. MDT's were first deployed by the agency in 2012 and that same equipment remains in use today. MDT's are used to, but not limited to, provide mobile communications (with dispatch, the ability to query the National Crime Information Center, other essential databases, 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 MDT's for queries, dispatch, sending messages, and doing checks cuts down on voice traffic up to 40%, opening up voice channels for emergencies and other calls for service. The MDT's drastically reduce the amount of time deputies spend writing reports, 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.



PROJECT SCHEDULE:

Commencement immediately after receipt of funding.

PROJECT STATUS:

Continue replacement of the next 95 of the approximate 260 Mobile Data Terminals (MDT).

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	551,400	0	551,400	0	0	0	0	0	551,400

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 28,558
 Encumbered 460,723
 Total \$489,281

PROJECT: Joppa Magnolia Fire Station Expansion

VOLUNTEER FIRE COMPANIES

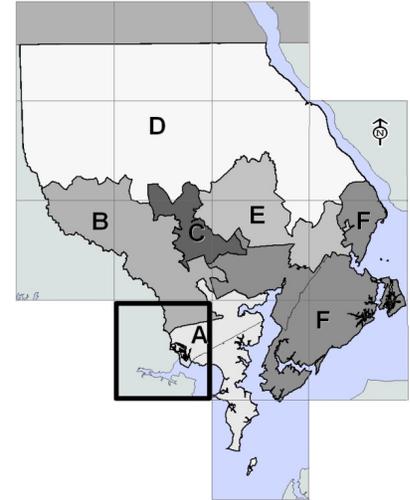
COUNCIL DISTRICT: B

LOCATION: Joppa

E144105

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program after completion of the audit in July, 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,240,000		1,240,000						1,240,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,240,000	0	1,240,000	0	0	0	0	0	1,240,000

FUNDING SCHEDULE

R8750 Paygo	1,240,000		1,240,000						1,240,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,240,000	0	1,240,000	0	0	0	0	0	1,240,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,240,000
 Encumbered 0
 Total \$1,240,000

PROJECT: Multi-Agency Public Safety Mobile Command Center

EMERGENCY SERVICES

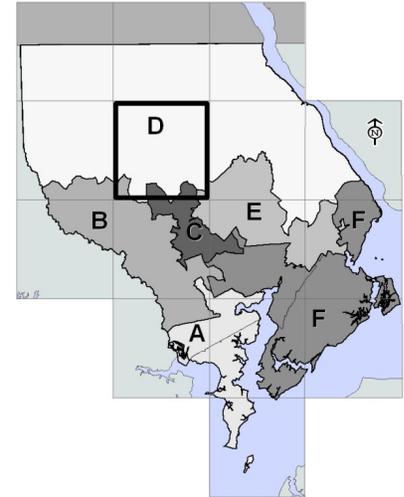
COUNCIL DISTRICT: MULTIPLE

LOCATION: County-wide

E204107

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,800,000	0	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	0	1,800,000						1,800,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,800,000	0	1,800,000	0	0	0	0	0	1,800,000

Est. Annual Debt Service Cost
\$36,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 0
Encumbered 404,720
Total \$404,720

PROJECT: Public Safety Communication in School Buildings

EMERGENCY SERVICES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

E134108

PROJECT DESCRIPTION / JUSTIFICATION:

School Resource Officers (SRO's) have discovered many areas within the middle and high schools that have poor radio coverage. This project 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.



PROJECT SCHEDULE:

PROJECT STATUS:

On-going

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	750,000	0	750,000	0	0	0	0	0	750,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 653,849
 Encumbered 27,624
 Total \$681,473

PROJECT: Riverside Fire and EMS Station

EMERGENCY SERVICES

COUNCIL DISTRICT: F

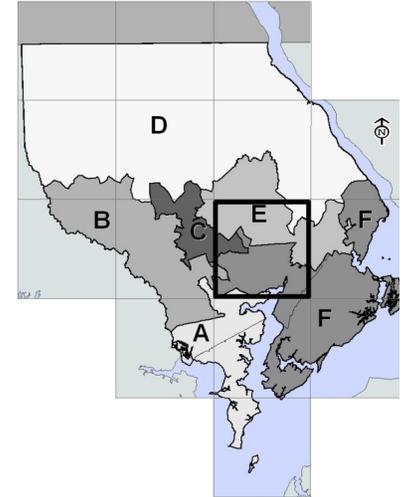
LOCATION: Belcamp

E214106

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY22: complete design and begin construction

FY23: complete construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	3,300,000		3,300,000						3,300,000
Inspection Fees			0						0
Equipment/Furnishing	300,000		300,000						300,000
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
Total Funds	3,800,000	0	3,800,000	0	0	0	0	0	3,800,000

Est. Annual Debt Service Cost
\$76,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
 Expended 0
 Encumbered 0
 Total \$0

PROJECT: Whiteford VFC - Renovation of Main Station

VOLUNTEER FIRE COMPANIES

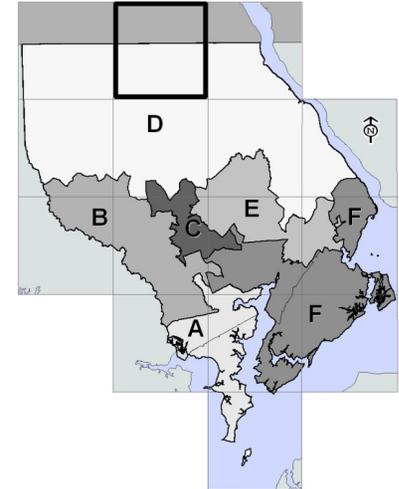
COUNCIL DISTRICT: D

LOCATION: Whiteford

E184119

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,200,000	0	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	0	1,200,000						1,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,200,000	0	1,200,000	0	0	0	0	0	1,200,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 350,000
 Encumbered 0
 Total \$350,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM				
			YEAR FY 2022		FY 2024	FY 2025	FY 2026	FY 2027	
GENERAL FUND									
HARFORD COMMUNITY COLLEGE									
<u>FY 22 Funded Projects:</u>									
Chesapeake Welcome Center	38,818,728	3,890,425	6,505,000	22,824,345	5,598,958	0	0	0	0
<u>Open Projects</u>									
Edgewood Hall Renovation and Expansion	8,324,575	8,324,575	0	0	0	0	0	0	0
Fallston Hall Renovations	7,232,375	7,232,375	0	0	0	0	0	0	0
College Total by Project	54,375,678	19,447,375	6,505,000	22,824,345	5,598,958	0	0	0	0
Future Bonds	16,500,770	0	1,462,000	13,517,575	1,521,195	0	0	0	0
Prior Bonds	9,676,575	9,676,575	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0	0
State	26,825,670	9,770,800	5,043,000	9,306,770	2,705,100	0	0	0	0
Other	1,372,663	0	0	0	1,372,663	0	0	0	0
College Total by Fund	54,375,678	19,447,375	6,505,000	22,824,345	5,598,958	0	0	0	0

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>GENERAL FUND</u>													
HARFORD COMMUNITY COLLEGE													
Chesapeake Welcome Center	6,505,000	0	0	0	1,462,000	0	0	0	0	5,043,000	0	0	0
SUB-TOTAL HARFORD COMMUNITY COLLEGE	6,505,000	0	0	0	1,462,000	0	0	0	0	5,043,000	0	0	0

PROJECT: Chesapeake Welcome Center

HARFORD COMMUNITY COLLEGE

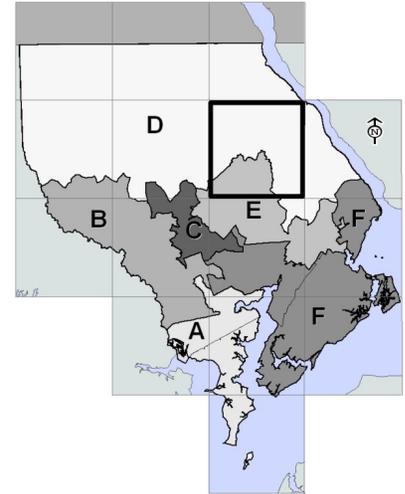
COUNCIL DISTRICT: E

LOCATION: Churchville

C204109

PROJECT DESCRIPTION / JUSTIFICATION:

Capital renovation to the Chesapeake Center to consist of comprehensive upgrades to this facility to include multi-story additions to the building. 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.



PROJECT SCHEDULE:

Engineering and Design January 2021 to March 2021
 Construction July 2020 to December 2023
 Equipment/Furnishing October 2022 to March 2023

PROJECT STATUS:

The engineering and design phase of the project kicked off in January 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	3,890,425	2,453,000	6,343,425	156,770					6,500,195
Land Acquisition			0						0
Construction		4,052,000	4,052,000	22,667,575	2,709,627				29,429,202
Inspection Fees			0						0
Equipment/Furnishing			0		2,889,331				2,889,331
Total Cost	3,890,425	6,505,000	10,395,425	22,824,345	5,598,958	0	0	0	38,818,728

FUNDING SCHEDULE

R7920 State Bonds	1,143,000	5,043,000	6,186,000	9,306,770	2,705,100				18,197,870
R7000 Future Bonds		1,462,000	1,462,000	13,517,575	1,521,195				16,500,770
R7100 Prior Bonds	2,747,425		2,747,425						2,747,425
R6999 Other HCC			0		1,372,663				1,372,663
			0						0
			0						0
Total Funds	3,890,425	6,505,000	10,395,425	22,824,345	5,598,958	0	0	0	38,818,728

Est. Annual Debt Service Cost
 \$84,189

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 0
 Encumbered 0
 Total

OPEN/ACTIVE PROJECTS

PROJECT: Edgewood Hall Renovation & Expansion

HARFORD COMMUNITY COLLEGE

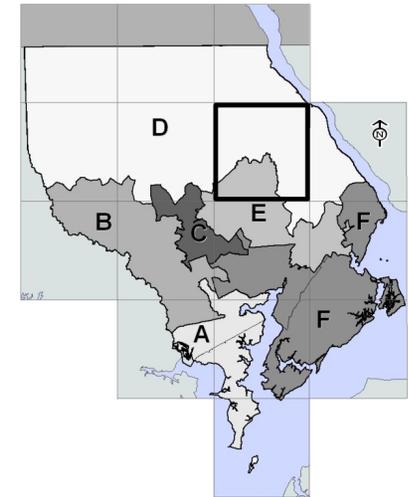
COUNCIL DISTRICT: E

LOCATION: Churchville

C144106

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	8,324,575	0	8,324,575	0	0	0	0	0	8,324,575

Est. Annual Debt Service Cost
\$69,292

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 3,464,575
 Encumbered 0
 Total \$3,464,575

PROJECT: Fallston Hall Renovations

HARFORD COMMUNITY COLLEGE

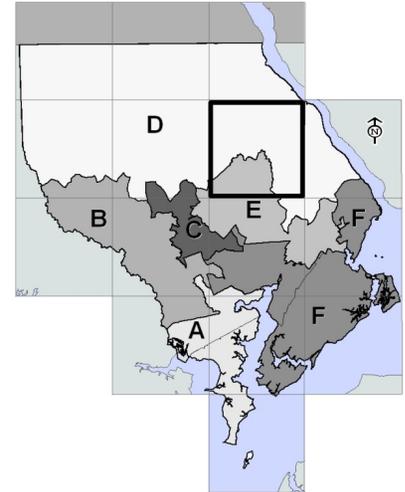
COUNCIL DISTRICT: E

LOCATION: Churchville

C184107

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

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

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	7,232,375	0	7,232,375	0	0	0	0	0	7,232,375

Est. Annual Debt Service Cost
\$69,292

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,712,156
 Encumbered 0
 Total \$2,712,156

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM			
					FY 2024	FY 2025	FY 2026	FY 2027
GENERAL FUND								
LIBRARIES								
FY 22 Funded Projects:								
Technology	3,109,100	1,609,100	250,000	250,000	250,000	250,000	250,000	250,000
Open Projects:								
Darlington Branch - Expansion	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 Total by Project	12,185,100	10,685,100	250,000	250,000	250,000	250,000	250,000	250,000
Paygo	3,165,100	1,665,100	250,000	250,000	250,000	250,000	250,000	250,000
Prior Bonds	6,720,000	6,720,000	0	0	0	0	0	0
State	1,000,000	1,000,000	0	0	0	0	0	0
Federal	400,000	400,000	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Developer/Other	900,000	900,000	0	0	0	0	0	0
Libraries Total by Fund	12,185,100	10,685,100	250,000	250,000	250,000	250,000	250,000	250,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>GENERAL FUND</u>													
LIBRARIES													
HCPL Technology	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0

PROJECT: HCPL Technology

LIBRARIES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

L124118

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

Ongoing



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,609,100	250,000	1,859,100	250,000	250,000	250,000	250,000	250,000	3,109,100
Total Cost	1,609,100	250,000	1,859,100	250,000	250,000	250,000	250,000	250,000	3,109,100

FUNDING SCHEDULE

R8750 Paygo	1,609,100	250,000	1,859,100	250,000	250,000	250,000	250,000	250,000	3,109,100
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,609,100	250,000	1,859,100	250,000	250,000	250,000	250,000	250,000	3,109,100

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21
 Expended 1,156,991
 Encumbered 0
 Total \$1,156,991

OPEN/ACTIVE PROJECTS

PROJECT: Darlington Branch - Expansion

LIBRARIES

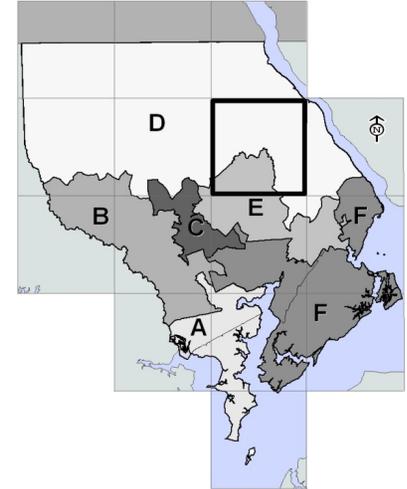
COUNCIL DISTRICT: D

LOCATION: Darlington

L124116

PROJECT DESCRIPTION / JUSTIFICATION:

The Darlington Branch operates out of a modular facility (approximately 1,400 square feet) which is very cramped and undersized. A feasibility study has been completed as of September 2015 to determine the nature and extent of the expansion.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	56,000		56,000						56,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	56,000	0	56,000	0	0	0	0	0	56,000

FUNDING SCHEDULE

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

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 33,845
 Encumbered 0
 Total 33,845

PROJECT: Havre de Grace Expansion

LIBRARIES

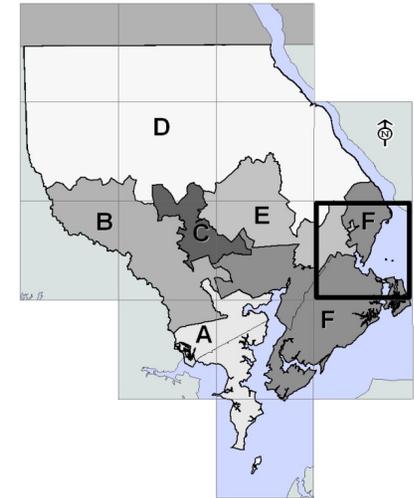
COUNCIL DISTRICT: F

LOCATION: Havre de Grace

L124117

PROJECT DESCRIPTION / JUSTIFICATION:

A feasibility study was completed in February 2009. The related report indicated the Branch is undersized and cramped. The consultant recommended expanding the Branch from 8,420 square feet to approximately 15,000 square feet. Feasibility (\$52,000) and design (\$535,000) funds totaling \$587,000 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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	535,000		535,000						535,000
Land Acquisition			0						0
Construction	5,548,631		5,548,631						5,548,631
Inspection Fees	286,369		286,369						286,369
Equipment/Furnishing	2,650,000		2,650,000						2,650,000
Total Cost	9,020,000	0	9,020,000	0	0	0	0	0	9,020,000

FUNDING SCHEDULE

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

Est. Annual Debt Service Cost
\$134,400

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 8,648,393
 Encumbered 0
 Total \$8,648,393

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2022		FY 2024	FY 2025	FY 2026	FY 2027

GENERAL FUND

BOARD OF EDUCATION

FY 22 Projects

Abingdon Elementary School Central Plant	2,378,000	0	2,378,000	0	0	0	0	0
Athletic and Recreation Repairs and Improvements	673,937	473,937	200,000	0	0	0	0	0
Bel Air ES HVAC Systemic Renovation & Open Space Enclosure	7,509,236	7,644,000	(134,764)	0	0	0	0	0
Educational Facility Program	3,905,247	1,945,671	1,959,576	0	0	0	0	0
Fleet Replacement	5,510,159	1,558,159	3,952,000	0	0	0	0	0
HCPS Facilities Master Plan	870,000	670,000	200,000	0	0	0	0	0
HCPS Facilities Repair Program	1,173,665	923,665	250,000	0	0	0	0	0
HCPS Site Improvements	2,075,000	0	2,075,000	0	0	0	0	0
Homestead Wakefield Elementary School Major Project	78,263,000	0	6,000,000	36,131,500	36,131,500	0	0	0
Joppatowne High School Limited Renovation Project	42,057,260	23,510,000	18,547,260	0	0	0	0	0
Life, Health, Safety and Compliance Measures	2,425,226	688,226	1,737,000	0	0	0	0	0
Major HVAC	1,467,330	1,324,990	142,340	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	4,356,702	4,364,278	(7,576)	0	0	0	0	0
Roof Replacement - Center for Educational Opportunity (CEO)	4,329,000	0	4,329,000	0	0	0	0	0
Roof Replacement - Hickory Elementary School	3,306,424	4,016,000	(709,576)	0	0	0	0	0
Technology Infrastructure	13,355,860	1,420,860	11,935,000	0	0	0	0	0

Open Projects

Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Center for Educational Opportunity	4,625,000	4,625,000	0	0	0	0	0	0
Fallston High School Comprehensive HVAC Systemic Project	17,546,940	17,546,940	0	0	0	0	0	0
George D. Lisby HVAC Systemic Renovation	9,250,000	9,250,000	0	0	0	0	0	0
Havre de Grace Middle/High School Replacement	99,268,000	99,268,000	0	0	0	0	0	0
North Bend Elementary School Central Plant & Fire Alarm Upgrade	2,031,000	2,031,000	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	4,685,000	0	0	0	0	0	0
Relocatable Classrooms	2,706,896	2,706,896	0	0	0	0	0	0
Roof Replacement - Bel Air Middle School	7,480,000	7,480,000	0	0	0	0	0	0
Roye Williams HVAC Systemic Renovation	11,720,000	11,720,000	0	0	0	0	0	0
Security Initiative Program for Schools	1,728,000	1,728,000	0	0	0	0	0	0
Security Measures	2,481,600	2,481,600	0	0	0	0	0	0
Textbook/Supplemental Materials Refresh	4,909,421	4,909,421	0	0	0	0	0	0
Youth's Benefit Elementary School Replacement	48,861,866	48,861,866	0	0	0	0	0	0

Education Total by Project	391,614,769	266,498,509	52,853,260	36,131,500	36,131,500	0	0	0
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**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2022		FY 2024	FY 2025	FY 2026	FY 2027
BOARD OF EDUCATION								
Paygo	13,703,203	10,841,203	2,862,000	0	0	0	0	0
Future Bonds	61,183,124	0	20,688,000	20,247,562	20,247,562	0	0	0
Prior Bonds	169,022,375	169,022,375	0	0	0	0	0	0
Reappropriated	640,000	640,000	0	0	0	0	0	0
Transfer Tax	104,535	104,535	0	0	0	0	0	0
State	123,900,636	79,829,500	12,303,260	15,883,938	15,883,938	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	23,060,896	6,060,896	17,000,000	0	0	0	0	0
Education Total by Fund	391,614,769	266,498,509	52,853,260	36,131,500	36,131,500	0	0	0

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
GENERAL FUND													
BOARD OF EDUCATION													
Abingdon Elementary School Central Plant	2,378,000	0	0	0	1,247,000	0	0	0	0	1,131,000	0	0	0
Athletic and Recreation Repairs and Improvements	200,000	0	0	0	0	0	0	0	0	0	0	0	200,000
Bel Air ES HVAC Systemic Renovation and Open Space Enc	(134,764)	0	0	(134,764)	0	0	0	0	0	0	0	0	0
Educational Facility Program	1,959,576	0	800,000	709,576	0	0	0	0	0	0	0	0	450,000
Fleet Replacement	3,952,000	0	1,102,000	0	0	0	0	0	0	0	0	0	2,850,000
HCPS Facilities Master Plan	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
HCPS Facilities Repair Program	250,000	0	0	0	0	0	0	0	0	0	0	0	250,000
HCPS Site Improvements	2,075,000	0	500,000	0	0	0	0	0	0	0	0	0	1,575,000
Homestead Wakefield ES Major School Project	6,000,000	0	0	0	6,000,000	0	0	0	0	0	0	0	0
Joppatowne High School Limited Renovation Project	18,547,260	0	0	0	9,854,000	0	0	0	0	8,693,260	0	0	0
Life, Health, Safety and Compliance Measures	1,737,000	0	0	0	1,737,000	0	0	0	0	0	0	0	0
Major HVAC	142,340	0	0	142,340	0	0	0	0	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	(7,576)	0	0	(7,576)	0	0	0	0	0	0	0	0	0
Roof Replacement - Center for Educational Opportunity (CEO)	4,329,000	0	0	0	1,850,000	0	0	0	0	2,479,000	0	0	0
Roof Replacement - Hickory Elementary School	(709,576)	0	0	(709,576)	0	0	0	0	0	0	0	0	0
Technology Infrastructure	11,935,000	0	260,000	0	0	0	0	0	0	0	0	0	11,675,000
SUB-TOTAL BOARD OF EDUCATION	52,853,260	0	2,862,000	0	20,688,000	0	0	0	0	12,303,260	0	0	17,000,000

PROJECT: Abingdon Elementary School Central Plant

BOARD OF EDUCATION

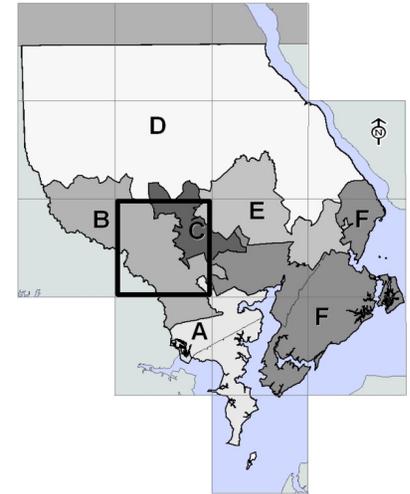
COUNCIL DISTRICT: B

LOCATION: Abingdon

B224104

PROJECT DESCRIPTION / JUSTIFICATION:

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 air cooled chiller.



PROJECT SCHEDULE:

Design summer/fall 2021. Bid spring of 2022. Construction to begin summer 2022.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	2,378,000	2,378,000	0	0	0	0	0	2,378,000

FUNDING SCHEDULE

R7000 Future 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
			0						0
Total Funds	0	2,378,000	2,378,000	0	0	0	0	0	2,378,000

Est. Annual Debt Service Cost
\$24,940

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of :

Expended
Encumbered
Total \$0

PROJECT: Athletic and Recreation Repairs and Improvements

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B214114

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	473,937	200,000	673,937						673,937
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	473,937	200,000	673,937	0	0	0	0	0	673,937

FUNDING SCHEDULE

R7100 Prior Bonds	212,299		212,299						212,299
R8750 Paygo	261,638		261,638						261,638
R6999 Other BOE		200,000	200,000						200,000
			0						0
			0						0
			0						0
Total Funds	473,937	200,000	673,937	0	0	0	0	0	673,937

Est. Annual Debt Service Cost
\$4,246

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 260,046
 Encumbered 0
 Total \$260,046

PROJECT: Bel Air Elementary School HVAC Systemic Renovation & Open Space Enclosure

BOARD OF EDUCATION

COUNCIL DISTRICT: C

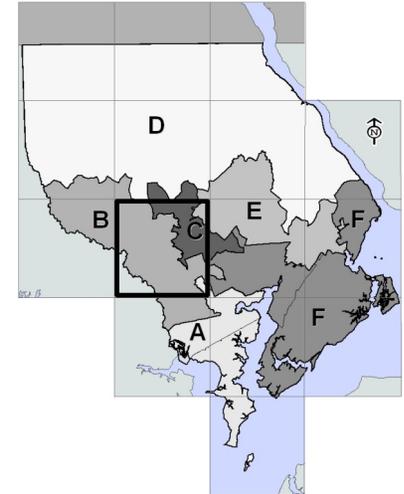
LOCATION: Bel Air, MD

B184108

PROJECT DESCRIPTION / JUSTIFICATION:

This project will address the replacement of the HVAC system in place at the school, with the exception of the chiller and associated pumps that were replaced in 2011. Additionally, the project will address the open space classroom configuration on the first floor by the erection of wall partitions and separate doors for each classroom. Fire sprinkler service will be extended to serve all the interior spaces. LED lighting for the school will be considered as an add alternate since Bel Air Elementary School previously participated in fluorescent lighting upgrades. A back-up generator for the school and compliance with MEMA will be considered under this project. The existing HVAC system consists of chiller/boiler, dual pipe HVAC system with unit ventilators/fan coils in the classrooms and offices. The cafeteria/stage and gymnasium are served by air handling units. The kindergarten area is served by multi-zone rooftop unit.

This project was funded by the County and partially funded by the State in FY 18. This request is for the remaining State funding needed to complete the project.



PROJECT SCHEDULE:

Design summer/fall 2017. Bid spring of 2018. Construction to begin summer 2018 and take approximately six months.

PROJECT STATUS:

For FY 22 prior bond funds are being reallocated to Major HVAC capital project

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,710,000		1,710,000						1,710,000
Land Acquisition			0						0
Construction	5,934,000	(134,764)	5,799,236						5,799,236
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	7,644,000	(134,764)	7,509,236	0	0	0	0	0	7,509,236

FUNDING SCHEDULE

R7100 Prior Bonds	3,485,000	(134,764)	3,350,236						3,350,236
R7920 State Bonds	4,159,000		4,159,000						4,159,000
			0						0
			0						0
			0						0
			0						0
Total Funds	7,644,000	(134,764)	7,509,236	0	0	0	0	0	7,509,236

Est. Annual Debt Service Cost
\$67,005

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 3,350,236
 Encumbered 0
 Total \$3,350,236

PROJECT: Educational Facility Program

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B214107

PROJECT DESCRIPTION / JUSTIFICATION:

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.

PROJECT SCHEDULE:

Special Education Facility Improvements:

Elementary School Autism Program (STRIVE) at Abingdon ES - facility improvements @ \$189,840 and (1) bus @\$110,160; Elementary Classroom Support Program (CSP) at Church Creek Elementary School - facility improvements @ 279,680 and (2) buses @ \$220,320

For FY 22 prior bond funds are being reallocated here from Roof Replacement - Hickory Elementary School as per the Board of Education's request



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,276,671	1,629,096	2,905,767						2,905,767
Inspection Fees			0						0
Equipment/Furnishing	669,000	330,480	999,480						999,480
Total Cost	1,945,671	1,959,576	3,905,247	0	0	0	0	0	3,905,247

FUNDING SCHEDULE

R8750 Paygo	1,945,671	800,000	2,745,671						2,745,671
R7100 Prior Bonds		709,576	709,576						709,576
R6999 Other BOE		450,000	450,000						450,000
			0						0
			0						0
Total Funds	1,945,671	1,959,576	3,905,247	0	0	0	0	0	3,905,247

Est. Annual Debt Service Cost
\$14,192

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 545,960
 Encumbered 0
 Total \$545,960

PROJECT: Fleet Replacement

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B214108

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funds for replacement of special education buses and essential vehicles and equipment at the end of life. Provide funds to purchase new vehicles and equipment as required. Special education buses are required to meet the needs of growing numbers of students, programs and schools. These buses must comply with Federal regulations and meet IEP requirements for special education transportation. The MD State Department of Education requires that school systems replace buses after 12 years of use. The FY 21 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 2021 there are 14 Special Needs buses that have reached the fifteen year mark and must be replaced by law. The replacement of essential vehicles and equipment enable HCPS to perform mission critical jobs including facility maintenance, safety and security, and food services. Units are to be replaced on an average of 10 years with high mileage and vehicles become unreliable. Due to a lack of funding for the last eight fiscal years, the fleet is becoming increasingly difficult to maintain. HCPS has had to rent vehicles for snow removal and salt in order to open schools after inclement weather. The continued ability to maintain our buildings, lots and grounds is dependent upon receiving funds to replace or repair vehicles and equipment in this category.



PROJECT SCHEDULE:

Replacement Special Needs Buses - 10 @ \$1,102,000

Amendment #4 added BOE fund balance to purchase miscellaneous vehicles (vans, cars, etc.)

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,558,159	3,952,000	5,510,159						5,510,159
Total Cost	1,558,159	3,952,000	5,510,159	0	0	0	0	0	5,510,159

FUNDING SCHEDULE

R8750 Paygo	1,542,000	1,102,000	2,644,000						2,644,000
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
			0						0
Total Funds	1,558,159	3,952,000	5,510,159	0	0	0	0	0	5,510,159

Est. Annual Debt Service Cost
\$323

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: HCPS Facilities Master Plan

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B214116

PROJECT DESCRIPTION / JUSTIFICATION:

This project allows Harford County Public Schools to plan for facility needs, balance enrollment, and develop scope studies for major capital projects. HCPS believes proper planning is imperative to efficiently maintain facilities to provide a safe, secure and healthy learning environment that is conducive to effective teaching, learning and creativity and innovation.

PROJECT SCHEDULE:

Update and complete scope study for John Archer @ \$200,000



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	670,000	200,000	870,000	0					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	0					870,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	670,000	200,000	870,000	0	0	0	0	0	870,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 323,318
 Encumbered 0
 Total \$323,318

PROJECT: HCPS Facilities Repair Program

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B204131

PROJECT DESCRIPTION / JUSTIFICATION:

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.

PROJECT SCHEDULE:



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	923,665	250,000	1,173,665						1,173,665
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	923,665	250,000	1,173,665	0	0	0	0	0	1,173,665

FUNDING SCHEDULE

R7100 Prior Bonds	904,148		904,148						904,148
R8750 Paygo	19,517		19,517						19,517
R6999 Other BOE		250,000	250,000						250,000
			0						0
			0						0
			0						0
Total Funds	923,665	250,000	1,173,665	0	0	0	0	0	1,173,665

Est. Annual Debt Service Cost
18,083

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 295,758
 Encumbered 0
 Total \$295,758

PROJECT: HCPS Site Improvements

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B224105

PROJECT DESCRIPTION / JUSTIFICATION:

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. FY 22 request includes:

Stormwater Management, Erosion Sediment Control

Replacement/Repair of wet ponds, sand filters, erosion, dredging, underground, etc. at various locations



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		2,075,000	2,075,000						2,075,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	2,075,000	2,075,000	0	0	0	0	0	2,075,000

FUNDING SCHEDULE

R8750 Paygo		500,000	500,000						500,000
R6999 Other BOE		1,575,000							
			0						0
			0						0
			0						0
			0						0
Total Funds	0	2,075,000	500,000	0	0	0	0	0	500,000

Est. Annual Debt Service Cost
#REF!

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2021:

Expended
Encumbered
Total \$0

PROJECT: Homestead Wakefield Elementary School Major Project

BOARD OF EDUCATION

COUNCIL DISTRICT: C

LOCATION: Bel Air

B224106

PROJECT DESCRIPTION / JUSTIFICATION:

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 58,245 square feet. The Homestead building was constructed in 1966, and consists of approximately 52,628 square feet. A remote kindergarten building was constructed near the Wakefield building in 1968 and consists of approximately 4,585 square feet.

The three building school is aged, antiquated, inefficient and poses many safety concerns. Additionally, forty (40') 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 50 year underground storage tanks. The building equipment is at end of life; there are building leaks, lighting issues, major HVAC concerns, and lack ADA compliance. The program space for education purposes are inadequate.

A revised scope study, funded in FY 2021, is analyzing the best option for this school in conjunction with the balancing enrollment study; replacement or modernization/addition. This request is to continue with the planning process based on the Board of Education approved scope study and balancing enrollment study. The outyear budget below reflects full replacement of the facility to accommodate the projected enrollment. The budget is based on the FY 22 State average cost per square foot (\$406) and is subject to change.



PROJECT SCHEDULE:

Request local planning approval by the State in FY 22. Design and construction schedule will be developed upon availability of design funding

PROJECT STATUS:

Planning

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		6,000,000	6,000,000						6,000,000
Land Acquisition			0						0
Construction			0	36,131,500	36,131,500				72,263,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	6,000,000	6,000,000	36,131,500	36,131,500	0	0	0	78,263,000

FUNDING SCHEDULE

R7000 Future Bonds		6,000,000	6,000,000	20,247,562	20,247,562				46,495,124
R7920 State Bonds			0	15,883,938	15,883,938				31,767,876
			0						0
			0						0
			0						0
Total Funds	0	6,000,000	6,000,000	36,131,500	36,131,500	0	0	0	78,263,000

Est. Annual Debt Service Cost
\$120,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
Expended
Encumbered
Total
 \$0

PROJECT: Joppatowne High School Limited Renovation Project

BOARD OF EDUCATION

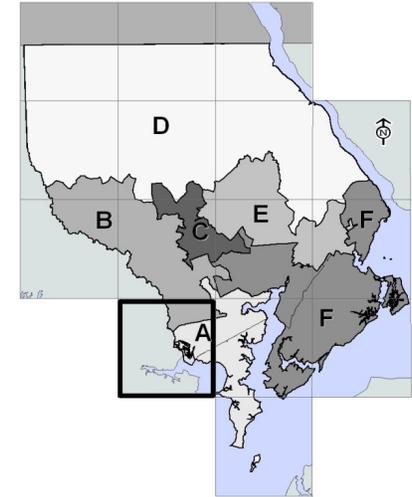
COUNCIL DISTRICT: A

LOCATION: Joppa, MD

B144112

PROJECT DESCRIPTION / JUSTIFICATION:

Joppatowne High School was built in 1972 and has not received any major upgrades to the existing building. A minor addition in 1982 added an elevator and a corridor to connect the second floors of the two classroom wings. A gym addition was built in 2008 and will not be impacted by this project. Enrollment at the school remains below capacity, but does not have space for the required programs that need to be offered. The project consists of a number of State eligible systemic renovation projects including, but not limited to, structural and envelope (exterior doors, windows); mechanical (HVAC) plumbing (domestic water, fixtures, sprinkler), electrical (lighting), as well as life safety. A back-up generator will be added to address life safety requirements and meet HCPS design standards, any additional requirements for compliance with MEMA, if needed, will be incorporated. Educational program components include improved spaces for Homeland Security, Child Development, Music and Tech Ed. Additionally, it will add two science rooms, a professional foods lab, and a multi-purpose room. Additional upgrades include ADA improvements, security improvements including a secure vestibule at the entrance of the school. Minor additions to the building will be required for a new electrical room (460 sf) and vestibule at the main entrance (30sf). Finally, the parking lot will be repaired and repaved. For FY 21 - Prior County Bond funding in the amount of \$4,900,000 appropriated to the Joppatowne High School Systemic project is authorized to be used by Harford County Public Schools for construction.



PROJECT STATUS:

Construction began in 2020; scheduled to complete August of 2022

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,551,244		1,551,244						1,551,244
Land Acquisition			0						0
Construction	21,958,756	18,547,263	40,506,019						40,506,019
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	23,510,000	18,547,263	42,057,263	0	0	0	0	0	42,057,263

FUNDING SCHEDULE

R7100 Prior Bonds	15,440,000		15,440,000						15,440,000
R7920 State Bonds	8,070,000	8,693,260	16,763,260						16,763,260
R7000 Future Bonds		9,854,000	9,854,000						9,854,000
			0						0
			0						0
			0						0
Total Funds	23,510,000	18,547,260	42,057,260	0	0	0	0	0	42,057,260

Est. Annual Debt Service Cost
\$505,880

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/2021:
 Expended 3,409,291
 Encumbered 0
 Total \$3,409,291

PROJECT: Life, Health, Safety and Compliance Measures

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B214109

PROJECT DESCRIPTION / JUSTIFICATION:

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 compliance to necessary safety, security and environmental mandates, laws and regulations.



PROJECT SCHEDULE:

Emergency Systems & Communication

Fallston MS Generator replacement @ \$60,000, Bel Air MS upgrade fire alarm system @ \$1,190,000 and Fountain Green ES upgrade fire alarm system @ \$487,000

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	688,226	1,737,000	2,425,226						2,425,226
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	688,226	1,737,000	2,425,226	0	0	0	0	0	2,425,226

FUNDING SCHEDULE

R7000 Future Bonds		1,737,000	1,737,000						1,737,000
R8750 Paygo	123,540		123,540						123,540
R7100 Prior Bonds	554,195		554,195						554,195
R1525 Transfer Tax	10,491		10,491						10,491
			0						0
			0						0
Total Funds	688,226	1,737,000	2,425,226	0	0	0	0	0	2,425,226

Est. Annual Debt Service Cost
\$34,740

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 663
Encumbered 0
Total \$663

PROJECT: Major HVAC

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B214115

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

For FY 22 prior bond funds have been reallocated here from Roof Replacement - Aberdeen Middle School (\$7,575) and Bel Air Elementary School HVAC Systemic Renovation and Open Space Enclosure (\$134,764) capital projects



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,324,990	142,340	1,467,330						1,467,330
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,324,990	142,340	1,467,330	0	0	0	0	0	1,467,330

FUNDING SCHEDULE

R7100 Prior Bonds	1,324,990	142,340	1,467,330						1,467,330
R7000 Future Bonds			0						0
			0						0
			0						0
Total Funds	1,324,990	142,340	1,467,330	0	0	0	0	0	1,467,330

Est. Annual Debt Service Cost
\$29,347

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 0
 Encumbered 0
 Total \$0

PROJECT: Roof Replacement - Aberdeen Middle School

BOARD OF EDUCATION

COUNCIL DISTRICT: E

LOCATION: Aberdeen

B194104

PROJECT DESCRIPTION / JUSTIFICATION:

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. Aberdeen Middle School is in need of replacement in FY 2019. Projects are submitted for funding consideration through the State Capital Improvement Plan request.

FY 2020: The roof at Aberdeen Middle School (installed in 1988 and 1990) is in critical need of replacement. It was not designed with a taper and has settled over time. Areas of ponding water dominate the entire roof. Leaks are continuously reported throughout the building and the skylights are a persistent source of leaks. During periods of rain or snow, extra steps are needed to protect furniture, equipment and flooring within the school.

Following a snowstorm in March of 2017, multiple leaks throughout the building, including the kitchen, lead to an extra day of the school being closed. In addition to the roof leak, the exterior brick walls are in need of masonry point up and waterproofing.



For FY 22 prior bond funds are being reallocated to Major HVAC capital project

PROJECT SCHEDULE:

Design: July - November 2019

Bid: February 2020

Award Contract: May 2020

Construction: June 2020 - August 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	370,000		370,000						370,000
Land Acquisition			0						0
Construction	3,994,278	(7,576)	3,986,702						3,986,702
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,364,278	(7,576)	4,356,702	0	0	0	0	0	4,356,702

FUNDING SCHEDULE

R7100 Prior Bonds	1,485,278	(7,576)	1,477,702						1,477,702
R7920 State Bonds	2,879,000		2,879,000						2,879,000
			0						0
			0						0
			0						0
			0						0
Total Funds	4,364,278	(7,576)	4,356,702	0	0	0	0	0	4,356,702

Est. Annual Debt Service Cost
\$29,554

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,477,702
Encumbered 0
Total \$1,477,702

PROJECT: Roof Replacement - Center for Educational Opportunity (CEO)

BOARD OF EDUCATION

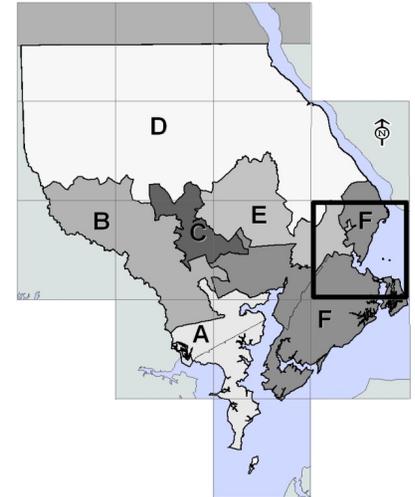
COUNCIL DISTRICT: E

LOCATION: Aberdeen

B224107

PROJECT DESCRIPTION / JUSTIFICATION:

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 pulling away from 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 (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.



PROJECT SCHEDULE:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	4,329,000	4,329,000	0	0	0	0	0	4,329,000

FUNDING SCHEDULE

R7000 Future 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
			0						0
Total Funds	0	4,329,000	4,329,000	0	0	0	0	0	4,329,000

Est. Annual Debt Service Cost
\$37,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of :

Expended
Encumbered
Total \$0

PROJECT: Roof Replacement - Hickory Elementary School

BOARD OF EDUCATION

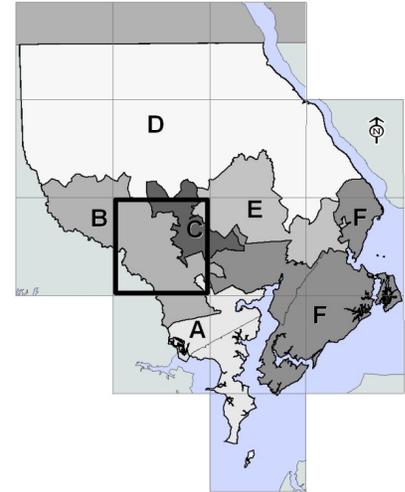
COUNCIL DISTRICT: C

LOCATION: Bel Air, MD

B204112

PROJECT DESCRIPTION / JUSTIFICATION:

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. 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. FY 2020: 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 the roof materials. The shade, combined with 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.



PROJECT SCHEDULE:

Design: July-November 2019
 Bid: February 2020
 Award Contract: May 2020
 Construction: June 2020-August 2020

For FY 22 Prior Bond funds are being reallocated to Educational Facility Program Capital Project

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	269,000		269,000						269,000
Land Acquisition			0						0
Construction	3,747,000	(709,576)	3,037,424						3,037,424
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,016,000	(709,576)	3,306,424	0	0	0	0	0	3,306,424

FUNDING SCHEDULE

R7100 Prior Bonds	1,513,000	(709,576)	803,424						803,424
R7920 State Bonds	2,503,000		2,503,000						2,503,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
Total Funds	4,016,000	(709,576)	3,306,424	0	0	0	0	0	3,306,424

Est. Annual Debt Service Cost
 \$16,068

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 526,469
 Encumbered 0
 Total \$526,469

PROJECT: Technology Infrastructure

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

BOARD OF EDUCATION

B214111

PROJECT DESCRIPTION / JUSTIFICATION:

This project addresses critical annual investments required for a rapidly growing, technology rich environment. These investments are essential to maintain a high level of operational efficiency, avoid obsolescence, address increased bandwidth demands and preserve compatibility to industry standards for technology infrastructure components. This overarching project includes refresh programs for instructional and administrative computers; network, information security, data storage and communications equipment; servers; and auditorium/gymnasium audio/video/theatrical lighting systems. The project also encompasses the integration of multi-media interactive technologies into classrooms to promote stronger student engagement. Additionally, the project is a strategic information technology collaboration involving all the government agencies to address current and future technology initiatives of Harford County. The FY 22 request comprises:



Phone System Replacement

Telephone replacement partnering with HCG to VoIP models @ \$260,000 per year

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,420,860	11,935,000	13,355,860						13,355,860
Total Cost	1,420,860	11,935,000	13,355,860	0	0	0	0	0	13,355,860

FUNDING SCHEDULE

R8750 Paygo	1,409,986	260,000	1,669,986						1,669,986
R1525 Transfer Tax	10,874		10,874						10,874
R6999 Other BOE		11,675,000	11,675,000						11,675,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,420,860	11,935,000	13,355,860	0	0	0	0	0	13,355,860

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	856,494
Encumbered	0
Total	\$856,494

OPEN/ACTIVE PROJECTS

PROJECT: Aberdeen HS North Building

BOARD OF EDUCATION

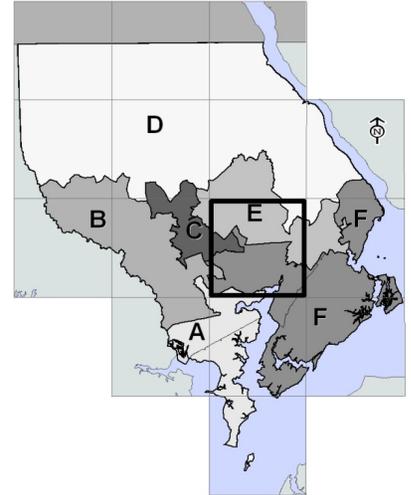
COUNCIL DISTRICT: E

LOCATION: Aberdeen, MD

B054110

PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funding for a scope study to determine the best use of the 107,087 square feet of the North Building of Aberdeen High School.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	665,000		665,000						665,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	665,000	0	665,000	0	0	0	0	0	665,000

FUNDING SCHEDULE

R1525 Transfer Tax	25,000		25,000						25,000
R8770 Reappropriated	640,000		640,000						640,000
			0						0
			0						0
			0						0
			0						0
Total Funds	665,000	0	665,000	0	0	0	0	0	665,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	567,053
Encumbered	0
Total	\$567,053

PROJECT: Center for Educational Opportunity - HVAC

BOARD OF EDUCATION

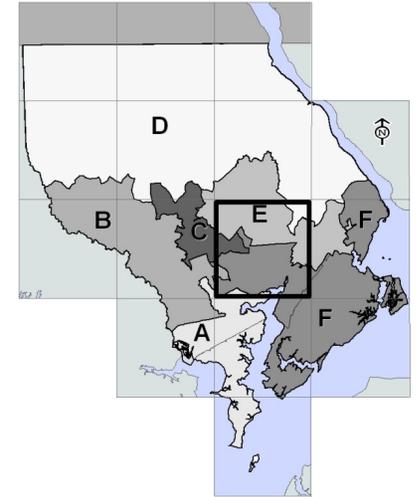
COUNCIL DISTRICT: E

LOCATION: Aberdeen, MD

B164109

PROJECT DESCRIPTION / JUSTIFICATION:

The Center of Educational Opportunity was originally built as Aberdeen Junior High School in 1965 and consists of a single story building plus partial basement of approximately 107,000 SF. Currently, there is no air conditioning in the great majority of the classrooms. There are some window air conditioning units that have been installed in three classrooms and the media center, which do not meet the current indoor air quality requirements. It is recommended that the replacement equipment be electrically cooled roof top units with modulating capacity compressors, and energy recovery features designed to meet current energy codes. The units will be ducted to new VAV boxes in the academic spaces with hot water reheat coils. The existing hot water piping serving the existing heat only until ventilators will be connected to the reheat coils to meet the heating needs of the spaces. New DDC controls should be installed as part of the project. When completed, the new HVAC system will provide a better IAQ environment with improved humidity and temperature control year round.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,625,000		4,625,000						4,625,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,625,000	0	4,625,000	0	0	0	0	0	4,625,000

FUNDING SCHEDULE

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

Est. Annual Debt Service Cost
\$44,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,175,733
 Encumbered 0
 Total \$2,175,733

PROJECT: Fallston High School Comprehensive HVAC Systemic Project

BOARD OF EDUCATION

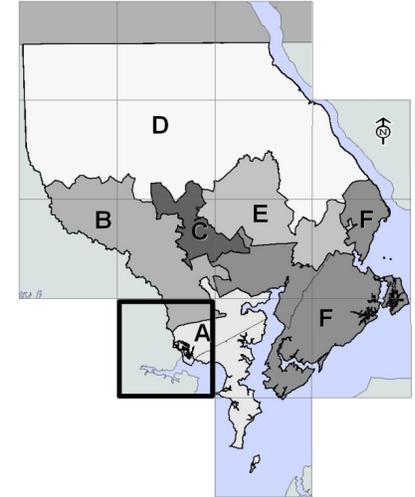
COUNCIL DISTRICT: B

LOCATION: Fallston, MD

B144110

PROJECT DESCRIPTION / JUSTIFICATION:

The age of the HVAC equipment and systems in this facility is 35 years old with the exception of the cooling tower and HVAC controller. There is numerous equipment inefficiencies, indoor air quality concerns and equipment noise issues that can be proactively addressed by performing a major comprehensive HVAC systemic project. This proposed project replacement/upgrade includes new boilers, chiller, cooling tower, related pumps and associated equipment and DDC controls in the central plant and the rest of the building. New energy recovery type air handling units, including replacement of classroom unit ventilators with ducted air system with VAV units. The project will need to be phased over two summers and part of the school year, and will require 4 portable classrooms for phasing purposes. This school is designated as an emergency shelter, therefore a generator service connection is included in the electrical service upgrade. This will result in a sprinkler system as well as fire alarm modification to meet current codes. This project will include electrical service upgrades to allow for better electrical data as well as better sub metering capabilities.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,082,049		1,082,049						1,082,049
Land Acquisition			0						0
Construction	16,464,891		16,464,891						16,464,891
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	17,546,940	0	17,546,940	0	0	0	0	0	17,546,940

FUNDING SCHEDULE

R7920 State Bonds	9,873,000		9,873,000						9,873,000
R7100 Prior Bonds	7,673,940		7,673,940						7,673,940
			0						0
			0						0
			0						0
			0						0
Total Funds	17,546,940	0	17,546,940	0	0	0	0	0	17,546,940

Est. Annual Debt Service Cost
\$153,479

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 7,673,236
 Encumbered 0
 Total \$7,673,236

PROJECT: George D. Lisby HVAC Systemic Renovation

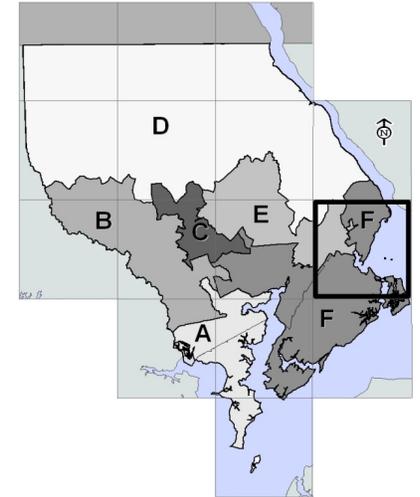
BOARD OF EDUCATION

COUNCIL DISTRICT: E

LOCATION: Aberdeen, MD

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

Design summer/fall of 2019. Bid spring of 2020. Construction to begin summer 2020 and will take approximately ten months.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	700,000		700,000						700,000
Land Acquisition			0						0
Construction	8,400,000		8,400,000						8,400,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost	9,250,000	0	9,250,000	0	0	0	0	0	9,250,000

FUNDING SCHEDULE

R7100 Prior Bonds	4,840,000		4,840,000						4,840,000
R7920 State Bonds	4,410,000		4,410,000						4,410,000
			0						0
			0						0
			0						0
			0						0
Total Funds	9,250,000	0	9,250,000	0	0	0	0	0	9,250,000

Est. Annual Debt Service Cost
\$96,800

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended **3,615,585**
 Encumbered **0**
 Total **\$3,615,585**

PROJECT: Havre de Grace Middle/High School Replacement

BOARD OF EDUCATION

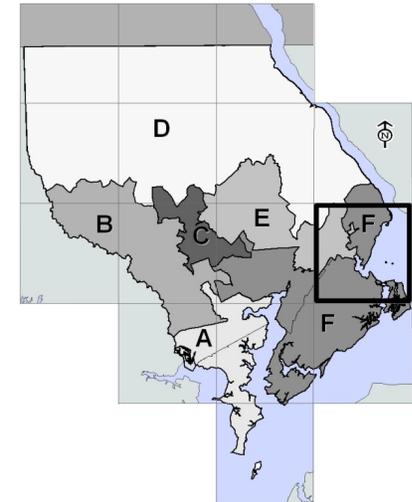
COUNCIL DISTRICT: F

LOCATION: Havre de Grace

B144111

PROJECT DESCRIPTION / JUSTIFICATION:

The Havre de Grace High School consists of two (2) 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 2015 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.



PROJECT SCHEDULE:

Construction underway, with building completion expected by July 2020. Demolition of existing buildings to follow.

PROJECT STATUS: Construction

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 BOE	250,000		250,000						250,000
			0						0
			0						0
			0						0
Total Funds	99,268,000	0	99,268,000	0	0	0	0	0	99,268,000

Est. Annual Debt Service Cost
\$1,549,480

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 66,640,664
 Encumbered 0
 Total 66,640,664

PROJECT: North Bend Elementary School Central Plant and Fire Alarm Upgrade

BOARD OF EDUCATION

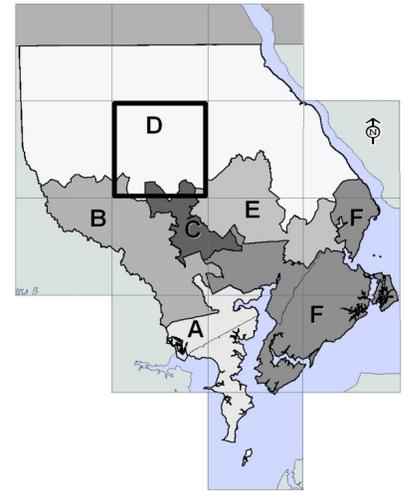
COUNCIL DISTRICT: D

LOCATION: Jarrettsville, MD

New

PROJECT DESCRIPTION / JUSTIFICATION:

These funds will be used at 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.



PROJECT SCHEDULE:

Design summer/fall 2019. Bid spring 2020. Construction to begin summer 2020.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	2,031,000	0	2,031,000	0	0	0	0	0	2,031,000

Est. Annual Debt Service Cost
\$21,090

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 715,354
Encumbered 0
Total \$715,354

PROJECT: Prospect Mill Elementary School HVAC

BOARD OF EDUCATION

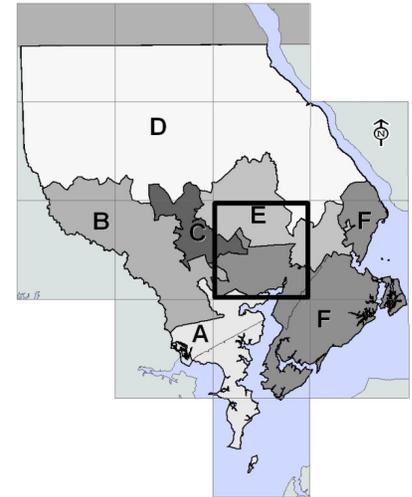
COUNCIL DISTRICT: E

LOCATION: Bel Air, MD

B164111

PROJECT DESCRIPTION / JUSTIFICATION:

Originally built in 1973 the building had three separate additions and renovations in 1990, 1999, and 2008 bringing the total square footage of the building to 75,538 SF. This HVAC renovation addresses the original building square footage of 54,050 SF. The existing systems consist of gas fired electrically cooled single zone packaged roof top units. These units were installed in 1998 under a systemic HVAC renovation. These type of units have a typical life of 15 years and should be replaced as part of an end of life HVAC replacement project. It is recommended that the replacement equipment be a gas fired electrically cooled VAV roof top unit with energy recovery features. This installation will be more efficient and provide better temperature and humidity control than the current HVAC system. As part of the project new ductwork and DDC controls will be installed. Also a part of this project is to convert open space classrooms to self-contained classrooms.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,685,000		4,685,000						4,685,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,685,000	0	4,685,000	0	0	0	0	0	4,685,000

FUNDING SCHEDULE

R7920 State Bonds	2,391,000		2,391,000						2,391,000
R7100 Prior Bonds	2,294,000		2,294,000						2,294,000
			0						0
			0						0
			0						0
Total Funds	4,685,000	0	4,685,000	0	0	0	0	0	4,685,000

Est. Annual Debt Service Cost
\$45,880

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,294,000
 Encumbered 0
 Total \$2,294,000

PROJECT: Relocatable Classrooms

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B094120

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,706,896		2,706,896						2,706,896
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,706,896	0	2,706,896	0	0	0	0	0	2,706,896

FUNDING SCHEDULE

R8750 Paygo	272,830		272,830						272,830
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 Funds	2,706,896	0	2,706,896	0	0	0	0	0	2,706,896

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 203,592
 Encumbered 0
 Total \$203,592

PROJECT: Roof Replacement - Bel Air Middle School

BOARD OF EDUCATION

COUNCIL DISTRICT: C

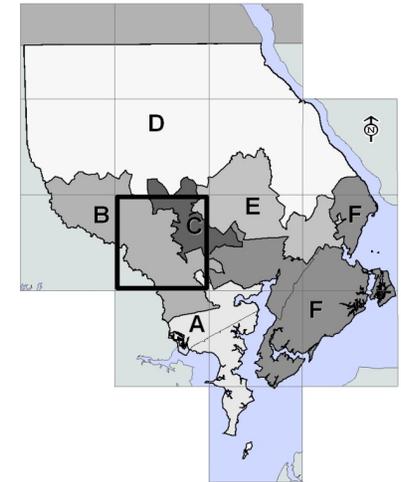
LOCATION: Various

B214110

PROJECT DESCRIPTION / JUSTIFICATION:

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. 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.



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	680,000		680,000						680,000
Land Acquisition			0						0
Construction	6,800,000		6,800,000						6,800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	7,480,000	0	7,480,000	0	0	0	0	0	7,480,000

FUNDING SCHEDULE

R7920 State Bonds	4,284,000		4,284,000						4,284,000
R7000 Future Bonds			0						0
R7100 Prior Bonds	3,196,000		3,196,000						3,196,000
			0						0
			0						0
			0						0
Total Funds	7,480,000	0	7,480,000	0	0	0	0	0	7,480,000

Est. Annual Debt Service Cost
\$63,920

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
Expended
Encumbered
Total \$0

PROJECT: Roye Williams HVAC Systemic Renovation

BOARD OF EDUCATION

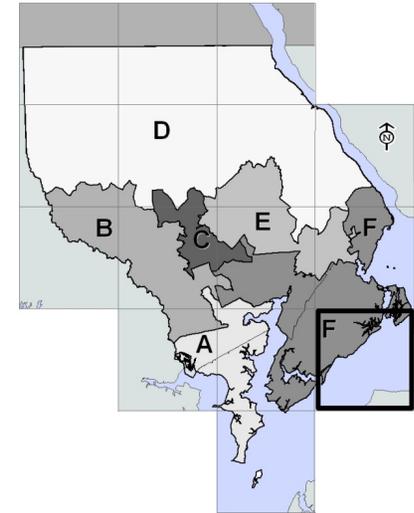
COUNCIL DISTRICT: F

LOCATION: Havre de Grace, MD

B204113

PROJECT DESCRIPTION / JUSTIFICATION:

This project will address the replacement and upgrade of the building's HVAC system as well as the replacement of the existing plumbing piping and select plumbing fixture replacement. A back-up generator will be added to address life safety requirements and meet HCPS design standards, any additional requirements for compliance with MEMA, if needed, will be incorporated.



PROJECT SCHEDULE:

Design - summer/fall of 2019

Bid - spring 2020

Construction to begin summer of 2020 and take approximately ten months.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	11,720,000	0	11,720,000	0	0	0	0	0	11,720,000

Est. Annual Debt Service Cost
\$134,860

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 5,854,134
Encumbered 0
Total \$5,854,134

PROJECT: Security Initiative Program for Schools

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B144134

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funding to support the Governor's Security Initiative Program for schools. This program will allow for the purchase and installation of surveillance systems utilizing Internet Protocol (IP) cameras that allow the transmission of camera images over the internet to give remote access to administrators and emergency response personnel.

This project will also provide for proximity cards that enhance access control. A plastic card is encoded and records who can access a specific door, including the date and time of access. Remote access control will also be included, this will provide remote door control from the main office of a building. Visitors can ring a buzzer and the receptionist will have the ability to access or deny entrance via the remote door control.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,728,000		1,728,000						1,728,000
Total Cost	1,728,000	0	1,728,000	0	0	0	0	0	1,728,000

FUNDING SCHEDULE

R8750 Paygo	640,000		640,000						640,000
R3399 State Other	1,088,000		1,088,000						1,088,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,728,000	0	1,728,000	0	0	0	0	0	1,728,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 640,000
 Encumbered 0
 Total \$640,000

PROJECT: Security Measures

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

B054113

PROJECT DESCRIPTION / JUSTIFICATION:

Funds will be used for upgrading existing security cameras with associated equipment at each school site on a routine basis depending on age and technology advancement. These funds will be used to refresh the visitor management system approximately every 5 years.

PROJECT SCHEDULE:



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 BOE	1,035,000		1,035,000						1,035,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,481,600	0	2,481,600	0	0	0	0	0	2,481,600

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 985,818
 Encumbered 0
 Total \$985,818

PROJECT: Textbook/Supplemental Materials Refresh

BOARD OF EDUCATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

B064129

PROJECT DESCRIPTION / JUSTIFICATION:

This project replaces textbooks, materials of instruction, and supplemental materials to provide the most current content, and to implement new instructional and assessment programs to all 54 elementary, middle and high schools.



PROJECT SCHEDULE:

This project will be closed and removed from the capital improvement program following completion of the audit in July 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	4,909,421		4,909,421						4,909,421
Total Cost	4,909,421	0	4,909,421	0	0	0	0	0	4,909,421

FUNDING SCHEDULE

R8750 Paygo	2,509,421		2,509,421						2,509,421
R6999 Other BOE	2,400,000		2,400,000						2,400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	4,909,421	0	4,909,421	0	0	0	0	0	4,909,421

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	2,508,883
Encumbered	0
Total	\$2,508,883

PROJECT: Youth's Benefit Elementary School Replacement

BOARD OF EDUCATION

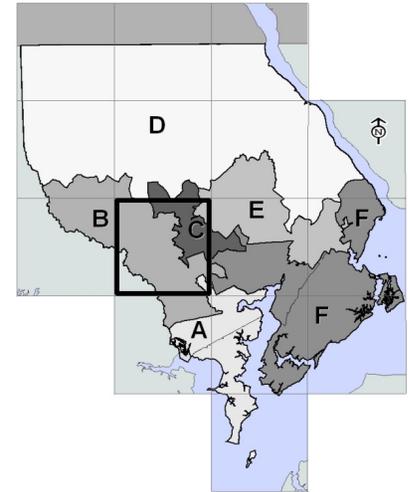
COUNCIL DISTRICT: B

LOCATION: Fallston, MD

B074127

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	48,861,866	0	48,861,866	0	0	0	0	0	48,861,866

Est. Annual Debt Service Cost
\$772,237

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 38,578,957
 Encumbered 0
Total \$38,578,957

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM			
			YEAR FY 2022		FY 2024	FY 2025	FY 2026	FY 2027
SOLID WASTE SERVICES								
FY 22 Funded Projects:								
HWDC Compost Area Facilities	484,088	525,000	(40,912)	0	0	0	0	0
HWDC Landfill Capping	10,320,000	9,570,000	125,000	125,000	125,000	125,000	125,000	125,000
Open Projects:								
Environmental Studies and Projects	233,801	233,801	0	0	0	0	0	0
HWDC Pavement Upgrades	800,000	800,000	0	0	0	0	0	0
Scarboro Landfill Groundwater Trmnt. Plant Eval & Upgrades	250,000	250,000	0	0	0	0	0	0
Solid Waste Facilities Repair Program	2,000,000	2,000,000	0	0	0	0	0	0
Tollgate Yard Trim Recycling Center	475,081	475,081	0	0	0	0	0	0
Waste-to-Energy Facility Closure	8,163,753	8,163,753	0	0	0	0	0	0
Solid Waste Services Total by Project	22,726,723	22,017,635	84,088	125,000	125,000	125,000	125,000	125,000
Paygo	20,293,321	19,543,321	125,000	125,000	125,000	125,000	125,000	125,000
Prior Paygo	0	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
Future Bonds	0	0	0	0	0	0	0	0
Prior Bonds	2,433,402	2,474,314	(40,912)	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0
Solid Waste Services Total by Fund	22,726,723	22,017,635	84,088	125,000	125,000	125,000	125,000	125,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>SOLID WASTE SERVICES</u>													
SOLID WASTE SERVICES													
HWDC Compost Area Facilities	(40,912)	0	0	(40,912)	0	0	0	0	0	0	0	0	0
HWDC Landfill Capping	125,000	0	125,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	84,088	0	125,000	(40,912)	0	0	0	0	0	0	0	0	0

PROJECT: HWDC Compost Area Facilities

SOLID WASTE

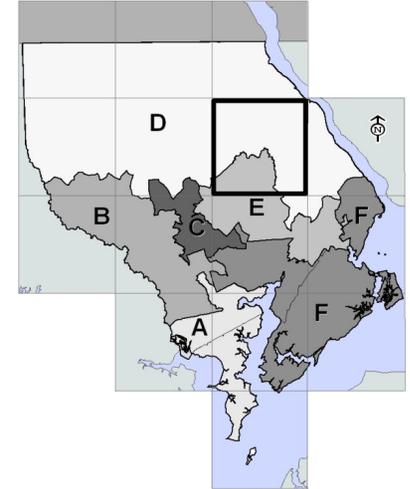
COUNCIL DISTRICT: D

LOCATION: Street, MD

D075601

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide for basic facilities for personnel at the Harford Waste Disposal Center (HWDC) Compost Facility to include indoor restrooms, running water and a break/lunch room area. The current building does not have indoor restrooms or running water; employees are required to use outdoor portable restrooms and 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.



PROJECT SCHEDULE:

FY 2019: planning study.
FY 2020: construction

PROJECT STATUS:

Prior Bonds in the amount of (\$40,912) will be reallocated to the Facilities Repair Capital Project (A034102).

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	525,000	(40,912)	484,088						484,088
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	525,000	(40,912)	484,088	0	0	0	0	0	484,088

FUNDING SCHEDULE

R7100 Prior Bonds	525,000	(40,912)	484,088						484,088
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	525,000	(40,912)	484,088	0	0	0	0	0	484,088

Est. Annual Debt Service Cost
\$9,682

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 49,088
Encumbered 0
Total \$49,088

PROJECT: HWDC Landfill Capping

SOLID WASTE

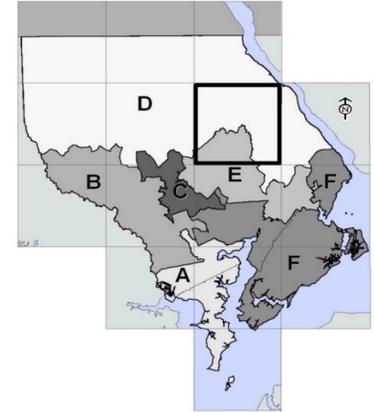
COUNCIL DISTRICT: D

LOCATION: Street, MD

D105601

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the planning, design, and construction of the capping system required by the Refuse Disposal Permit 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.



PROJECT SCHEDULE:

This project is on-going.

PROJECT STATUS:

FY 21 funds of \$125,000 in prior paygo has been reallocated from Former Spencers Landfill Closure (East Side) capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	9,020,000	125,000	9,145,000	125,000	125,000	125,000	125,000	125,000	9,770,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost	9,570,000	125,000	9,695,000	125,000	125,000	125,000	125,000	125,000	10,320,000

FUNDING SCHEDULE

R8750 Paygo	9,570,000	125,000	9,695,000	125,000	125,000	125,000	125,000	125,000	10,320,000
			0						0
			0						0
			0						0
			0						0
Total Funds	9,570,000	125,000	9,695,000	125,000	125,000	125,000	125,000	125,000	10,320,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 7,977,097
Encumbered 0
Total \$7,977,097

OPEN/ACTIVE PROJECTS

PROJECT: Environmental Studies and Projects

SOLID WASTE

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

D214112

PROJECT DESCRIPTION / JUSTIFICATION:

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

This project relates to the Harford County Ten-Year Solid Waste Management Plan.



PROJECT SCHEDULE:

This project is ongoing

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	233,801		233,801						233,801
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	233,801	0	233,801	0	0	0	0	0	233,801

FUNDING SCHEDULE

R8750 Paygo	233,801		233,801						233,801
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	233,801	0	233,801	0	0	0	0	0	233,801

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 22,016
 Encumbered 7,111
 Total \$29,127

PROJECT: HWDC Pavement Upgrades

SOLID WASTE

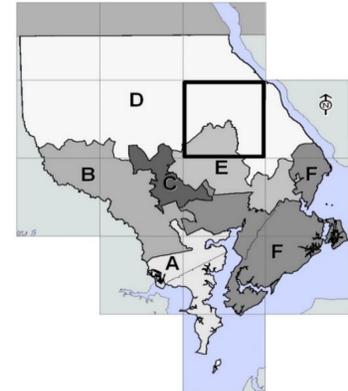
COUNCIL DISTRICT: D

LOCATION: Street, MD

D155601

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the repair, upgrade and replacement of concrete, 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.



PROJECT SCHEDULE:

FY 2019: Leachate access road, scale and HODO area
 FY 2020: Upper compost pan and remaining HODO area
 FY 2021: Lower compost pad, access roads, office, etc.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	800,000	0	800,000	0	0	0	0	0	800,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	800,000
Encumbered	0
Total	\$800,000

PROJECT: Scarboro Landfill Groundwater Treatment Plant Evaluation and Upgrades

SOLID WASTE

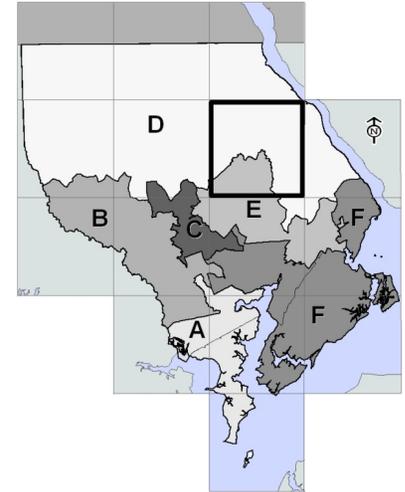
COUNCIL DISTRICT: D

LOCATION: Street, MD

D174108

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

Consent Order Modifications FY2019
Design and construction FY2019 - FY2020

PROJECT STATUS:

Ongoing

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	250,000	0	250,000	0	0	0	0	0	250,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 23,014
Encumbered 0
Total \$23,014

PROJECT: Solid Waste Facilities Repair Program

SOLID WASTE

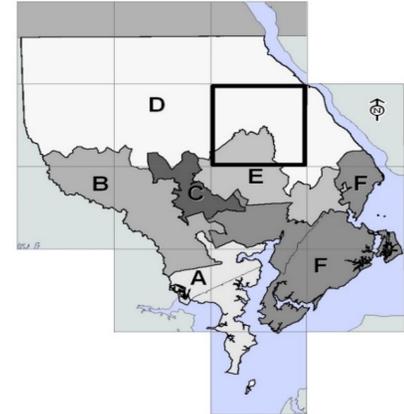
COUNCIL DISTRICT: D

LOCATION: Street, MD

D204115

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

This project is on-going.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,000,000		2,000,000						2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,500,000		1,500,000						1,500,000
R8750 Paygo	500,000		500,000						500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000

Est. Annual Debt Service Cost
\$30,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/21:

Expended	412,496
Encumbered	172,687
Total	\$585,183

PROJECT: Tollgate Yard Trim Recycling Center

SOLID WASTE

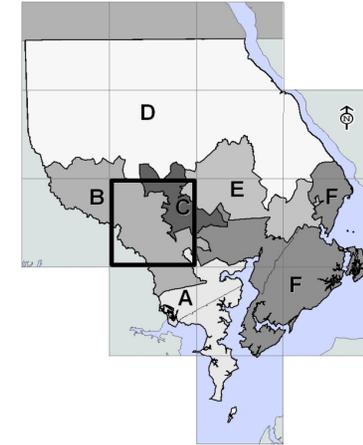
COUNCIL DISTRICT: C

LOCATION: Bel Air, MD

D155602

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY2019: design
FY2020: construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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		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
			0						0
Total Funds	475,081	0	475,081	0	0	0	0	0	475,081

Est. Annual Debt Service Cost
\$8,986

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 246,570
Encumbered 9,774
Total \$256,344

PROJECT: Waste-To-Energy Facility Closure

SOLID WASTE

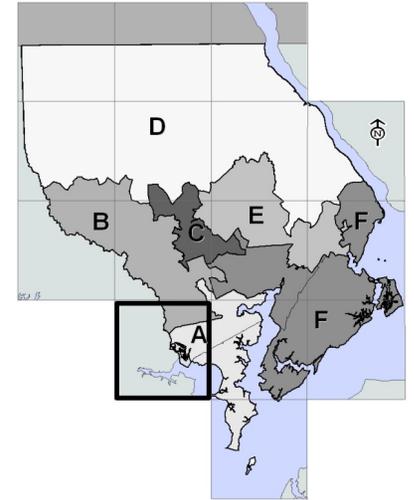
COUNCIL DISTRICT: A

LOCATION: Joppa

D145602

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for decommissioning, demolition, and site restoration for the Harford Waste-To-Energy facility.



PROJECT SCHEDULE:

Project is on-going

PROJECT STATUS:

Project is on-going

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	7,763,753		7,763,753						7,763,753
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,163,753	0	8,163,753	0	0	0	0	0	8,163,753

FUNDING SCHEDULE

R8750 Paygo	8,163,753		8,163,753						8,163,753
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	8,163,753	0	8,163,753	0	0	0	0	0	8,163,753

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 3,140,496
 Encumbered 74,363
 Total \$3,214,859

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM					
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
<u>PARKS & RECREATION FUND</u>									
<u>FY 22 Funded Projects:</u>									
Aberdeen Activity Center	9,000,000	0	9,000,000	0	0	0	0	0	0
Anita C. Leight Center Improvements	1,055,000	1,005,000	50,000	0	0	0	0	0	0
Athletic Field Improvements	35,050,000	20,050,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Benson Field Development	1,275,000	0	100,000	0	1,000,000	0	0	0	175,000
Bulkhead Renovations	555,000	0	40,000	0	515,000	0	0	0	0
Dog Park Construction & Improvements	953,500	90,000	583,500	0	90,000	90,000	0	0	100,000
Emily Bayless Graham Park	4,145,000	3,045,000	350,000	0	250,000	0	500,000	0	0
Emmorton Recreation and Tennis Center Improvements	2,210,000	1,785,000	25,000	0	0	0	400,000	0	0
Facility Renovations	1,249,000	459,000	190,000	100,000	100,000	100,000	150,000	150,000	150,000
Heavenly Waters Park - Soma	800,000	100,000	100,000	525,000	0	75,000	0	0	0
Mariner Point Park - DMP Site Remediation	1,200,000	100,000	1,100,000	0	0	0	0	0	0
McFaul Activity Center Renovations	250,000	0	250,000	0	0	0	0	0	0
Norrisville Park	2,525,000	125,000	1,250,000	600,000	0	0	0	0	550,000
Oakington Peninsula Park System	2,400,000	0	250,000	0	150,000	1,000,000	0	0	1,000,000
Park Improvements	455,000	155,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Parking Lot Paving	1,799,000	954,000	195,000	150,000	150,000	0	175,000	175,000	175,000
Parkland Acquisition	19,746,000	11,761,000	1,560,000	1,075,000	1,075,000	1,075,000	1,600,000	1,600,000	1,600,000
Playground Equipment	6,140,000	2,855,000	1,795,000	175,000	175,000	240,000	400,000	500,000	500,000
Prospect Mill Park	610,000	0	250,000	0	0	0	180,000	180,000	180,000
SWM Pond Repair and Renovation	1,325,000	710,000	195,000	120,000	0	150,000	0	150,000	150,000
Tennis/Multipurpose Court	2,260,000	1,390,000	170,000	100,000	150,000	150,000	150,000	150,000	150,000
Vale Road Park	1,275,000	0	125,000	1,000,000	0	0	150,000	0	0
<u>Outyear Projects</u>									
ADA Improvements	850,000	395,000	0	75,000	0	100,000	140,000	140,000	140,000
Backstop Renovations	475,000	270,000	0	50,000	0	50,000	65,000	40,000	40,000
Blake's Venture Park	1,100,000	0	0	0	0	100,000	0	1,000,000	0
Bleacher Renovations	650,000	490,000	0	80,000	0	80,000	0	0	0
Bush River Dredging and DMP Site	1,090,000	990,000	0	0	0	0	0	100,000	0
Canoe and Kayak Water Access	1,855,000	1,280,000	0	0	325,000	0	250,000	0	0
Churchville Center Renovations	1,175,000	575,000	0	100,000	500,000	0	0	0	0
Darlington Park Development	2,035,000	1,985,000	0	0	0	50,000	0	0	0
Debris/Derelict Boats	200,000	100,000	0	0	0	0	100,000	0	0
Demarco Memorial Park Improvements	140,000	40,000	0	0	0	0	0	100,000	0
Disc Golf Course	100,000	50,000	0	0	0	50,000	0	0	0
Eden Mill Park Rehabilitation	1,480,000	1,255,000	0	0	100,000	0	0	125,000	0
Edgeley Grove Farm	940,000	140,000	0	0	0	50,000	0	750,000	0
Edgewood Recreation and Community Center	425,000	225,000	0	200,000	0	0	0	0	0
Edgewood Recreation Park	800,000	50,000	0	100,000	500,000	0	0	150,000	0
Enlarged Gymnasiums & Joint Facilities	1,900,000	1,200,000	0	0	700,000	0	0	0	0
Equestrian Center Improvements	975,000	575,000	0	0	100,000	0	300,000	0	0
Flying Point Park Improvements	1,203,000	1,053,000	0	0	0	0	150,000	0	0
Graybeal Fields	125,000	0	0	0	0	125,000	0	0	0
Gunpowder River Dredging	3,384,000	2,234,000	0	0	0	0	150,000	1,000,000	0

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
<u>PARKS & RECREATION FUND</u>									
<u>Outyear Projects (cont.)</u>									
Gymnasium Floor Repair and Renovation	410,000	210,000	0	50,000	0	50,000	50,000	50,000	50,000
Jarrettsville Recreation Complex/Center	7,410,775	710,775	0	6,500,000	200,000	0	0	0	0
Joppa/Joppatowne Youth/Senior Center	7,300,000	0	0	500,000	6,500,000	300,000	0	0	0
Northern Regional Park	6,825,000	575,000	0	250,000	1,500,000	0	0	0	4,500,000
Rockfield Park Improvements	470,000	270,000	0	100,000	0	0	100,000	0	0
Perryman Park Development	1,270,000	120,000	0	500,000	500,000	0	150,000	0	0
Robert Copenhagen Park Improvements	550,000	300,000	0	250,000	0	0	0	0	0
Rock Glenn Park	1,450,000	1,300,000	0	0	0	0	150,000	0	0
Swan Harbor Farm Improvements	1,014,000	764,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Tollgate Woodshop	85,000	40,000	0	0	0	0	45,000	0	0
Trails & Linear Parks	18,200,000	17,200,000	0	0	0	500,000	0	500,000	0
<u>Open Projects</u>									
Cedar Lane Sports Complex Improvements	2,461,000	2,461,000	0	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0	0
Forest Hill Recreation Complex Improvements	800,000	800,000	0	0	0	0	0	0	0
Fox Meadows Park Improvements	450,000	450,000	0	0	0	0	0	0	0
Francis Silver Park Improvements	425,000	425,000	0	0	0	0	0	0	0
Heavenly Waters Park	2,120,000	2,120,000	0	0	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	1,474,000	1,474,000	0	0	0	0	0	0	0
Mariner Point Park Renovations	736,000	736,000	0	0	0	0	0	0	0
Nuttal Avenue Park Development	650,000	650,000	0	0	0	0	0	0	0
Otter Point Creek Boat Launch	560,000	560,000	0	0	0	0	0	0	0
Schucks Road Regional Complex	8,110,415	8,110,415	0	0	0	0	0	0	0
Tudor Hall Rehabilitation	610,000	610,000	0	0	0	0	0	0	0
Parks & Rec Total by Project	189,117,520	105,934,020	20,128,500	15,200,000	17,180,000	6,935,000	7,955,000	15,785,000	15,785,000
Paygo	4,471,322	4,471,322	0	0	0	0	0	0	0
Paygo - Parks and Recreation Fund	905,000	655,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Future Bonds	44,700,000	0	11,500,000	9,500,000	10,400,000	3,800,000	2,500,000	7,000,000	7,000,000
Prior Bonds	34,206,830	34,206,830	0	0	0	0	0	0	0
Reappropriated	1,979,415	1,979,415	0	0	0	0	0	0	0
Recordation Tax	41,521,953	24,096,953	3,245,000	3,415,000	3,140,000	1,635,000	2,460,000	3,530,000	3,530,000
State	9,486,000	5,081,000	2,640,000	0	515,000	0	250,000	1,000,000	1,000,000
Program Open Space	32,992,000	18,048,500	2,568,500	1,925,000	3,050,000	1,340,000	1,930,000	4,130,000	4,130,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0	0
Developer	175,000	0	175,000	0	0	0	0	0	0
Other	11,445,000	10,160,000	0	310,000	25,000	110,000	765,000	75,000	75,000
Parks & Rec Total by Fund	189,117,520	105,934,020	20,128,500	15,200,000	17,180,000	6,935,000	7,955,000	15,785,000	15,785,000
TOTAL PARKS & RECREATION CAPITAL	189,117,520	105,934,020	20,128,500	15,200,000	17,180,000	6,935,000	7,955,000	15,785,000	15,785,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
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PARKS & RECREATION FUND

PARKS & RECREATION

Aberdeen Activity Center	9,000,000	0	0	0	9,000,000	0	0	0	0	0	0	0	0
Anita C. Leight Center Improvements	50,000	0	0	0	0	0	0	0	50,000	0	0	0	0
Athletic Field Improvements	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0	0	0
Benson Field Development	100,000	0	0	0	0	0	0	0	100,000	0	0	0	0
Bulkhead Renovations	40,000	0	0	0	0	0	0	0	0	40,000	0	0	0
Dog Park Construction & Improvements	583,500	0	0	0	0	0	0	0	250,000	0	333,500	0	0
Emily Bayless Graham Park	350,000	0	0	0	0	0	0	0	250,000	0	0	0	100,000
Emmorton Recreation and Tennis Center Improvements	25,000	0	0	0	0	0	0	0	25,000	0	0	0	0
Facility Renovations	190,000	0	0	0	0	0	0	0	190,000	0	0	0	0
Heavenly Waters Park - Soma	100,000	0	0	0	0	0	0	0	100,000	0	0	0	0
Mariner Point Park - DMP Site Remediation	1,100,000	0	0	0	0	0	0	0	0	1,100,000	0	0	0
McFaul Activity Center Renovations	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0
Norrisville Park	1,250,000	0	0	0	0	0	0	0	500,000	0	750,000	0	0
Oakington Peninsula Park System	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0
Park Improvements	50,000	0	0	0	0	0	0	0	50,000	0	0	0	0
Parking Lot Paving	195,000	0	0	0	0	0	0	0	195,000	0	0	0	0
Parkland Acquisition	1,560,000	0	0	0	0	0	0	0	75,000	0	1,485,000	0	0
Playground Equipment	1,795,000	0	0	0	0	0	0	0	220,000	1,500,000	0	0	75,000
Prospect Mill Park	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0
SWM Pond Repair and Renovation	195,000	0	0	0	0	0	0	0	195,000	0	0	0	0
Tennis/Multipurpose Court	170,000	0	0	0	0	0	0	0	170,000	0	0	0	0
Vale Road Park	125,000	0	0	0	0	0	0	0	125,000	0	0	0	0

TOTAL PARKS & RECREATION CAPITAL	20,128,500	0	0	0	11,500,000	0	0	0	3,245,000	2,640,000	2,568,500	0	175,000
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PROJECT: Aberdeen Activity Center

PARKS AND RECREATION

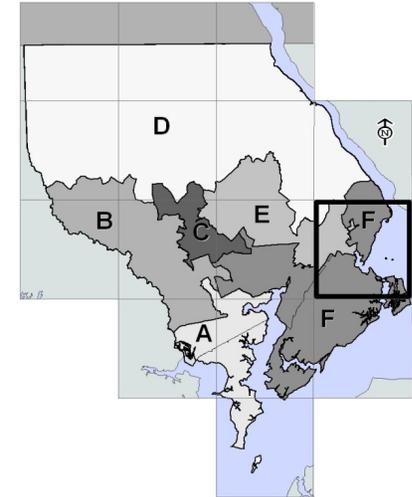
COUNCIL DISTRICT: E

LOCATION: Aberdeen

P224111

PROJECT DESCRIPTION / JUSTIFICATION:

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. Population 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.



PROJECT SCHEDULE:

FY 22: Engineering/design
 FY 23 - FY 24: Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	9,000,000	9,000,000	0	0	0	0	0	9,000,000

FUNDING SCHEDULE

R7000 Future Bonds		9,000,000	9,000,000						9,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	9,000,000	9,000,000	0	0	0	0	0	9,000,000

Est. Annual Debt Service Cost
 \$180,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
 Expended
 Encumbered
 Total

\$0

PROJECT: Anita C. Leight Center Improvements

PARKS AND RECREATION

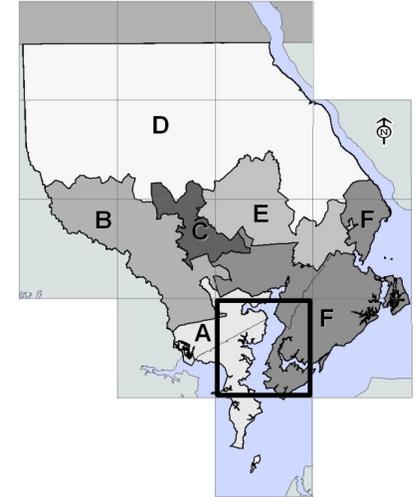
COUNCIL DISTRICT: A

LOCATION: Abingdon

P104119

PROJECT DESCRIPTION / JUSTIFICATION:

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. FY 19 funding was used for replacement of the HVAC system at the Center. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program.



PROJECT SCHEDULE:

FY 22: Storage building for program boats and materials

PROJECT STATUS:

Work on the HVAC replacement is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	190,000		190,000						190,000
Land Acquisition			0						0
Construction	795,000	50,000	845,000						845,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost	1,005,000	50,000	1,055,000	0	0	0	0	0	1,055,000

FUNDING SCHEDULE

R1515 Recordation Tax	615,000	50,000	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
			0						0
Total Funds	1,005,000	50,000	1,055,000	0	0	0	0	0	1,055,000

Est. Annual Debt Service Cost
\$2,790

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended **575,239**
 Encumbered **0**
 Total **\$575,239**

PROJECT: Athletic Field Improvements

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P084117

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes major improvements to athletic fields both natural and synthetic at various locations throughout the County. FY 2022 funds will be utilized for replacement of the synthetic turf fields at Wade Tucker II Complex and the Harford Tech High School. 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 sport 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 its Capital Improvements Program recommendations.



PROJECT SCHEDULE:

- FY 22: Wade Tucker II Complex - Synthetic Field Replacement
- FY 22: Harford Tech High School - Synthetic Field Replacement

PROJECT STATUS:

Replacement of Bel Air High School, Fallston Recreation Complex and Cedar Lane Park were completed in FY 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2026	
Engineering/Design	925,000		925,000						925,000
Land Acquisition			0						0
Construction	18,755,000	2,500,000	21,255,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	33,755,000
Inspection Fees	370,000		370,000						370,000
Equipment/Furnishing			0						0
Total Cost	20,050,000	2,500,000	22,550,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	35,050,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,350,000		1,350,000						1,350,000
R6999 Other	800,000		800,000						800,000
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	17,900,000		17,900,000						17,900,000
			0						0
			0						0
Total Funds	20,050,000	2,500,000	22,550,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	35,050,000

Est. Annual Debt Service Cost
\$408,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
 Expended 17,096,067
 Encumbered 1,441,723
 Total \$18,537,790

PROJECT: Benson Field Development

PARKS AND RECREATION

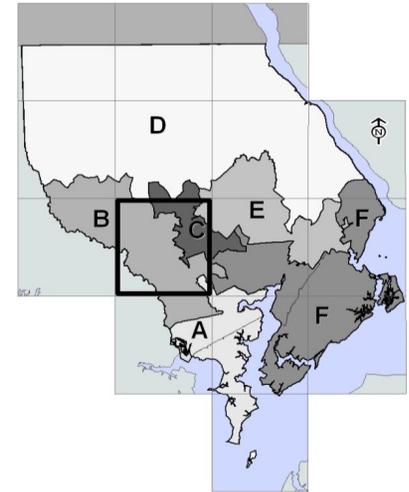
COUNCIL DISTRICT: B

LOCATION: Benson

P224112

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the construction of active recreation facilities on the 41 acre parcel adjacent to Edgeley Grove Farm. This parcel is relatively level and well suited for baseball/softball diamonds as well as multipurpose fields and will provide facilities needed by the Fallston Recreation Council. Ancillary uses such as parking, 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.



PROJECT SCHEDULE:

FY 22: Engineering and Design
 FY 24: Construction

PROJECT STATUS:

This project is not yet funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		100,000	100,000						100,000
Land Acquisition			0						0
Construction			0		1,000,000			175,000	1,175,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	100,000	100,000	0	1,000,000	0	0	175,000	1,275,000

FUNDING SCHEDULE

R1515 Recordation Tax		100,000	100,000		500,000			175,000	775,000
R3380 Program Open Space			0		500,000				500,000
			0						0
			0						0
			0						0
Total Funds	0	100,000	100,000	0	1,000,000	0	0	175,000	1,275,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
 Expended
 Encumbered
 Total

\$0

PROJECT: Bulkhead Renovations

PARKS AND RECREATION

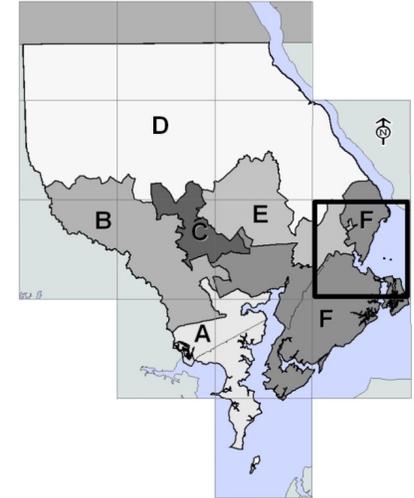
COUNCIL DISTRICT: F

LOCATION: Havre de Grace

P224113

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes funds for repairs and placement of sections of bulkhead at Tydings Island in Havre de Grace. The majority of the cost for this project will be paid by the Department of Natural Resources - Waterway Improvement Program. Future projects will be undertaken as needs arise. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 22: Design and Engineering
 FY 24: Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	40,000	40,000	0	515,000	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
			0						0
Total Funds	0	40,000	40,000	0	515,000	0	0	0	555,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
 Expended
 Encumbered
 Total

\$0

PROJECT: Dog Park Construction & Improvements

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION:

P204116

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY 22: Renovations to Tollgate Dog Park

PROJECT STATUS:

Engineering for Tollgate Dog Park is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	15,000		15,000		15,000	15,000		15,000	60,000
Land Acquisition			0						0
Construction	75,000	583,500	658,500		75,000	75,000		85,000	893,500
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	90,000	583,500	673,500	0	90,000	90,000	0	100,000	953,500

FUNDING SCHEDULE

R1515 Recordation Tax	90,000	250,000	340,000		90,000	90,000		100,000	620,000
R3380 Program Open Space		333,500	333,500						333,500
			0						0
			0						0
			0						0
Total Funds	90,000	583,500	673,500	0	90,000	90,000	0	100,000	953,500

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 36,842
 Encumbered 10,330
 Total 47,172

PROJECT: Emily Bayless Graham Park

PARKS AND RECREATION

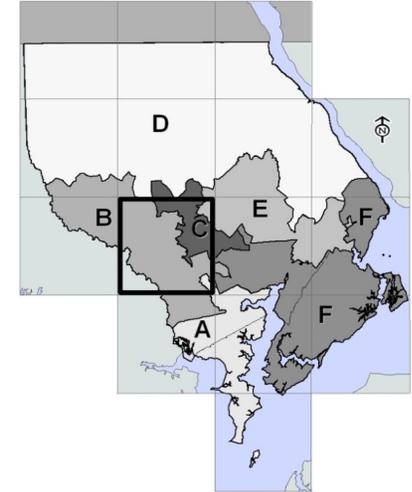
COUNCIL DISTRICT: B

LOCATION: Emmorton

P124120

PROJECT DESCRIPTION / JUSTIFICATION:

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 the natural trails, picnic pavilions and opportunities for the public to learn about the history of the site and 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.



PROJECT SCHEDULE:

FY 21: Engineering and renovation of the farmhouse and outbuildings

PROJECT STATUS:

Emily Bayless Graham Park is open

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	495,000		495,000						495,000
Land Acquisition			0						0
Construction	2,490,000	350,000	2,840,000		250,000		500,000		3,590,000
Inspection Fees	60,000		60,000						60,000
Equipment/Furnishing			0						0
Total Cost	3,045,000	350,000	3,395,000	0	250,000	0	500,000	0	4,145,000

FUNDING SCHEDULE

R6999 Other	1,175,000	100,000	1,275,000				500,000		1,775,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax	797,500	250,000	1,047,500		250,000				1,297,500
R3380 Program Open Space	922,500		922,500						922,500
			0						0
			0						0
Total Funds	3,045,000	350,000	3,395,000	0	250,000	0	500,000	0	4,145,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/21/22:
 Expended 1,459,121
 Encumbered 0
 Total \$1,459,121

PROJECT: Emmorton Recreation and Tennis Center Improvements

PARKS AND RECREATION

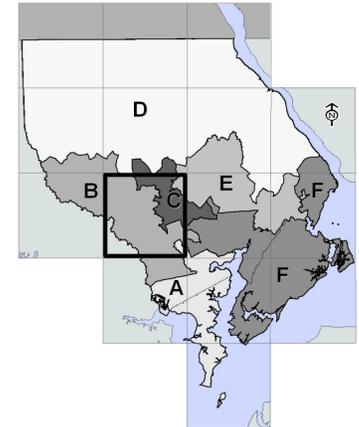
COUNCIL DISTRICT: C

LOCATION: Emmorton

P114121

PROJECT DESCRIPTION / JUSTIFICATION:

The Emmorton Recreation and Tennis Center (ERTC) includes both new structures and those built more than 25 years ago. As the structures age and recreation trends change, existing facilities require improvements and upgrades. This project provides funding for renovation of systems and structures as needed. Additional funding may come from fee-in-lieu of payments from developers or from the Emmorton Recreation Council. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 22 - Improvements to the Activity Center.

PROJECT STATUS:

Lighting upgrades are underway at the Center.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	25,000	25,000	50,000						50,000
Land Acquisition			0						0
Construction	1,724,000		1,724,000				400,000		2,124,000
Inspection Fees	36,000		36,000						36,000
Equipment/Furnishing			0						0
Total Cost	1,785,000	25,000	1,810,000	0	0	0	400,000	0	2,210,000

FUNDING SCHEDULE

R6330 Developer	139,500		139,500						139,500
R6999 Other	230,500		230,500						230,500
R1515 Recordation Tax	1,115,000	25,000	1,140,000				250,000		1,390,000
R3380 Program Open Space	200,000		200,000				150,000		350,000
R8750 Paygo - P&R Special Rev	100,000		100,000						100,000
			0						0
Total Funds	1,785,000	25,000	1,810,000	0	0	0	400,000	0	2,210,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 1,393,248
 Encumbered 0
 Total \$1,393,248

PROJECT: Facility Renovations

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P184114

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the renovation and repairs at existing facilities. Building improvements, landscaping and other projects may also be funded. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan, and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 22: Construction including window replacement at the Parks and Recreation Main Office and park sign replacement as funding is available.

PROJECT STATUS:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	449,000	190,000	639,000	100,000	100,000	100,000	150,000	150,000	1,239,000
Inspection Fees	10,000		10,000						10,000
Equipment/Furnishing			0						0
Total Cost	459,000	190,000	649,000	100,000	100,000	100,000	150,000	150,000	1,249,000

FUNDING SCHEDULE

R1515 Recordation Tax	359,000	190,000	549,000	100,000	100,000	100,000	150,000	150,000	1,149,000
R6999 Other	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Funds	459,000	190,000	649,000	100,000	100,000	100,000	150,000	150,000	1,249,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 243,333
 Encumbered 2,049
 Total \$245,382

PROJECT: Heavenly Waters Park - Soma

PARKS AND RECREATION

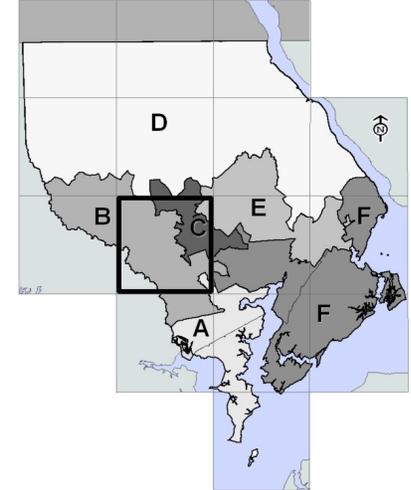
COUNCIL DISTRICT: B

LOCATION: Benson

P164116

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the long term development of the Soma area of Heavenly Waters Park. Prior funding was provided to stabilize the existing barn. The bank barn is unusual and holds potential for adaptive reuse. Future site improvements are dependent on provision of appropriate access. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 22 - Engineering

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		100,000	100,000						100,000
Land Acquisition			0						0
Construction	95,000		95,000	525,000		75,000			695,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	100,000	100,000	200,000	525,000	0	75,000	0	0	800,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
R1515 Recodation Tax		100,000	100,000	300,000		75,000			475,000
R3380 Program Open Space			0	225,000					225,000
			0						0
			0						0
			0						0
Total Funds	100,000	100,000	200,000	525,000	0	75,000	0	0	800,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 100,225
 Encumbered 0
 Total \$100,225

PROJECT: Mariner Point Park - DMP Site Remediation

PARKS AND RECREATION

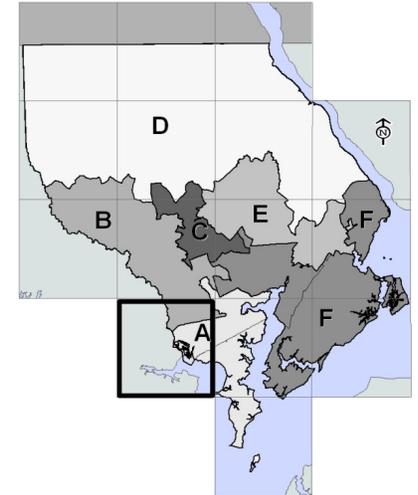
COUNCIL DISTRICT: A

LOCATION: Joppatowne

P204130

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the remediation of the dredged material placement site at Mariner Point Park to support future dredging projects on Joppatowne waterways. With the completion of the dredging projects on Foster Branch and Taylor's Creek, the DMP site at Mariner Point Park has reached its capacity. The necessity of continued maintenance dredging projects in the future requires the current site be emptied to create capacity. 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.



PROJECT SCHEDULE:

FY 22-23 - Construction

PROJECT STATUS:

This project is not yet funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction		1,100,000	1,100,000						1,100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	100,000	1,100,000	1,200,000	0	0	0	0	0	1,200,000

FUNDING SCHEDULE

R3399 State Other	100,000	1,100,000	1,200,000						1,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	1,100,000	1,200,000	0	0	0	0	0	1,200,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 62,005
 Encumbered 37,570
 Total \$99,575

PROJECT: McFaul Activity Center Renovations

PARKS AND RECREATION

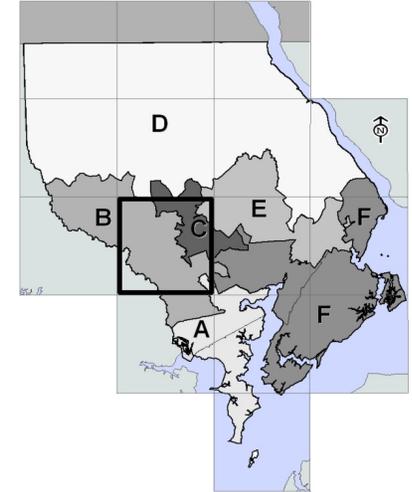
COUNCIL DISTRICT: C

LOCATION: Bel Air

P224114

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the renovation and replacement of the HVAC system at the William McFaul Activity 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.



PROJECT SCHEDULE:

FY 22: HVAC system renovation

PROJECT STATUS:

This project is not yet funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		250,000	250,000						250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	250,000	250,000	0	0	0	0	0	250,000

FUNDING SCHEDULE

R1515 Recordation Tax		250,000	250,000						250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	0	0	0	0	0	250,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
Expended
Encumbered
Total \$0

PROJECT: McFaul Activity Center Renovations

PARKS AND RECREATION

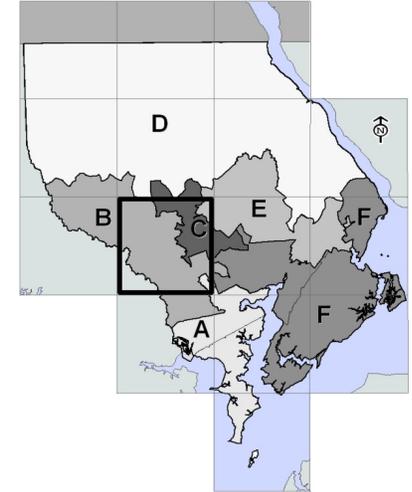
COUNCIL DISTRICT: C

LOCATION: Bel Air

P224114

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the renovation and replacement of the HVAC system at the William McFaul Activity 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.



PROJECT SCHEDULE:

FY 22: HVAC system renovation

PROJECT STATUS:

This project is not yet funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		250,000	250,000						250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	250,000	250,000	0	0	0	0	0	250,000

FUNDING SCHEDULE

R1515 Recordation Tax		250,000	250,000						250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	0	0	0	0	0	250,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
Expended
Encumbered
Total \$0

PROJECT: Norrisville Park

PARKS AND RECREATION

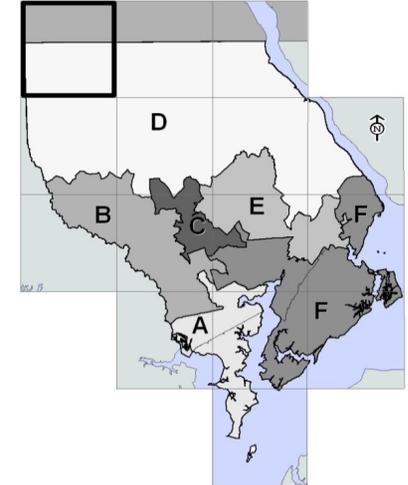
COUNCIL DISTRICT: D

LOCATION: Norrisville

P204117

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes improvements and expansion of the Norrisville Recreation Complex. Conceptual design has been done for the development of a new access, additional fields, and parking. Engineering is planned for the initial phase in FY 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.



PROJECT SCHEDULE:

FY 22: Phase 1 park construction coordinated with DPW - Highways

PROJECT STATUS:

Engineering is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	125,000	1,250,000	1,375,000	600,000	0	0	0	550,000	2,525,000

FUNDING SCHEDULE

R1515 Recordation Tax	125,000	500,000	625,000	600,000				250,000	1,475,000
R3380 Program Open Space		750,000	750,000					300,000	1,050,000
			0						0
			0						0
			0						0
			0						0
Total Funds	125,000	1,250,000	1,375,000	600,000	0	0	0	550,000	2,525,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity 3/21/22:

Expended	41,419
Encumbered	61,864
Total	\$103,283

PROJECT: Oakington Peninsula Park System

PARKS AND RECREATION

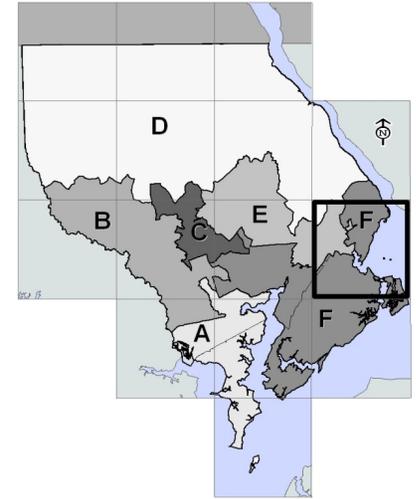
COUNCIL DISTRICT: F

LOCATION: Havre de Grace

P224115

PROJECT DESCRIPTION / JUSTIFICATION:

This project engineering and construction for a trail system on the Department properties on the Oakington Peninsula. 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.



PROJECT SCHEDULE:

FY 22: Master Plan Study

PROJECT STATUS:

This project is not yet funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		250,000	250,000		150,000				400,000
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	0	250,000	250,000	0	150,000	1,000,000	0	1,000,000	2,400,000

FUNDING SCHEDULE

R1515 Recordation Tax		250,000	250,000		150,000				400,000
R3380 Program Open Space			0					1,000,000	1,000,000
R7000 Future Bonds			0			1,000,000			1,000,000
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	0	150,000	1,000,000	0	1,000,000	2,400,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended
Encumbered
Total \$0

PROJECT: Park Improvements

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P184118

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the installation of many small projects throughout the County to include, but not limited to, tree and shrub planting, picnic tables and grills, etc. FY 2022 - FY 2027 funds will provide small grants for Recreation Council projects as needs occur. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY 22 - FY 27: Construction



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	155,000	50,000	205,000	50,000	50,000	50,000	50,000	50,000	455,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	155,000	50,000	205,000	50,000	50,000	50,000	50,000	50,000	455,000

FUNDING SCHEDULE

R1515 Recordation Tax	125,000	50,000	175,000	50,000	50,000	50,000	50,000	50,000	425,000
R6330 Developer	30,000		30,000						30,000
			0						0
			0						0
			0						0
			0						0
Total Funds	155,000	50,000	205,000	50,000	50,000	50,000	50,000	50,000	455,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 92,974
 Encumbered 0
 Total 92,974

PROJECT: Parking Lot Paving

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P124124

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the overlay and expansion of existing parking lots and entrance roads at County park sites. Many parking lots are more than 15 years old and require refurbishing for safe usage. Furthermore, heavy usage of existing facilities has generated demand for additional parking spaces. This project is to keep existing parking lots serviceable and to respond to community concerns about adequate off-street parking. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.



PROJECT SCHEDULE:

FY 22: Construction

PROJECT STATUS:

Work was completed at the Edgewood Recreation Center and the Liriodendron.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	10,000		10,000						10,000
Land Acquisition			0						0
Construction	894,000	195,000	1,089,000	150,000	150,000		175,000	175,000	1,739,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost	954,000	195,000	1,149,000	150,000	150,000	0	175,000	175,000	1,799,000

FUNDING SCHEDULE

R1515 Recordation Tax	954,000	195,000	1,149,000	150,000	150,000		175,000	175,000	1,799,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	954,000	195,000	1,149,000	150,000	150,000	0	175,000	175,000	1,799,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 893,833
 Encumbered 60,167
 Total \$954,000

PROJECT: Parkland Acquisition

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P104117

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the acquisition of land to be used as active and/or passive park sites. This project is not site specific, thus allowing the purchase of land whenever and wherever it becomes available. Sites to be acquired will include areas of outstanding natural features, stream valley parks, as well as regional and community park sites. Particular attention will be given to preserving open space countywide in cooperation with State and Federal programs and to addressing unmet needs of the high growth areas of the County. Funds for acquisition may be supplemented by other County land acquisition capital projects or by Recreation Council funds. Additional residential development is anticipated and population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.



PROJECT SCHEDULE:

FY 22 - Property acquisition

PROJECT STATUS:

The Belle Vue property acquisition was completed in FY 21.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	75,000	75,000	150,000	75,000	75,000	75,000	100,000	100,000	575,000
Land Acquisition	11,606,000	1,485,000	13,091,000	1,000,000	1,000,000	1,000,000	1,500,000	1,500,000	19,091,000
Construction			0						0
Inspection Fees	80,000		80,000						80,000
Equipment/Furnishing			0						0
Total Cost	11,761,000	1,560,000	13,321,000	1,075,000	1,075,000	1,075,000	1,600,000	1,600,000	19,746,000

FUNDING SCHEDULE

R1515 Recordation Tax	840,000	75,000	915,000	75,000	75,000	75,000	100,000	100,000	1,340,000
R3380 Program Open Space	10,921,000	1,485,000	12,406,000	1,000,000	1,000,000	1,000,000	1,500,000	1,500,000	18,406,000
			0						0
			0						0
			0						0
			0						0
Total Funds	11,761,000	1,560,000	13,321,000	1,075,000	1,075,000	1,075,000	1,600,000	1,600,000	19,746,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/21/22:
 Expended 7,846,557
 Encumbered 0
 Total \$7,846,557

PROJECT: Playground Equipment

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P104118

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the purchase and installation of playground equipment at various park areas and schools throughout the County. The replacement of old, deteriorated and unsafe equipment and the need to make existing playgrounds accessible to individuals with disabilities will continue to be a priority. Partnerships with Harford County Public Schools, elementary school Parent-Teacher Associations, nonprofit foundations and other groups are encouraged as a means of meeting the extensive needs for playground improvements. Installation of playgrounds at newly constructed parks 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 Improvements Program Recommendations.



PROJECT SCHEDULE:

FY 22 - FY 27: Installation

PROJECT STATUS:

Engineering and construction for renovation of Annie's Playground and Lyn Stacie Getz Playground is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	60,000	10,000	70,000	7,500	7,500	7,500	40,000	50,000	182,500
Land Acquisition			0						0
Construction	2,765,000	1,785,000	4,550,000	167,500	167,500	232,500	360,000	450,000	5,927,500
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost	2,855,000	1,795,000	4,650,000	175,000	175,000	240,000	400,000	500,000	6,140,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,566,000	220,000	1,786,000	150,000	150,000	150,000	200,000	250,000	2,686,000
R6330 Developer	565,000	50,000	615,000						615,000
R6999 Other	140,000	25,000	165,000	25,000	25,000				215,000
R3380 Program Open Space	584,000		584,000			90,000	200,000	250,000	1,124,000
R3399 State Other		1,500,000	1,500,000						1,500,000
			0						0
Total Funds	2,855,000	1,795,000	4,650,000	175,000	175,000	240,000	400,000	500,000	6,140,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 1,319,453
 Encumbered 0
 Total \$1,319,453

PROJECT: Prospect Mill Park

PARKS AND RECREATION

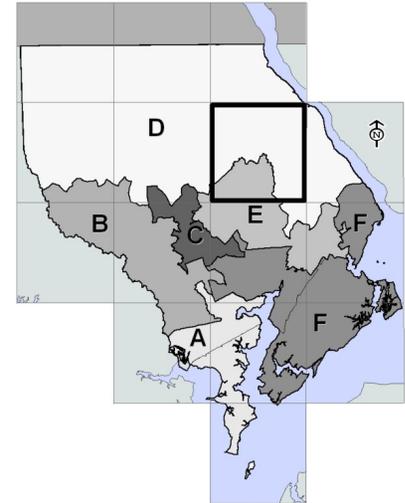
COUNCIL DISTRICT: E

LOCATION: Fountain Green

P224116

PROJECT DESCRIPTION / JUSTIFICATION:

Harford County developed a 29.9 acre parcel to serve the outdoor recreation needs of the Hickory/Fountain Green area. Amenities such as 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 Improvements Program Recommendations.



PROJECT SCHEDULE:

FY 22: Renovation of the park walking trail system

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	250,000	250,000	0	0	0	180,000	180,000	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
Total Funds	0	250,000	250,000	0	0	0	180,000	180,000	610,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	0
Total	\$0

PROJECT: SWM Pond Repair and Renovation

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P144127

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the repair and renovation of existing stormwater management facilities at park sites throughout the County on an as needed basis. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	710,000	195,000	905,000	120,000		150,000		150,000	1,325,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	710,000	195,000	905,000	120,000	0	150,000	0	150,000	1,325,000

FUNDING SCHEDULE

R1515 Recordation Tax	710,000	195,000	905,000	120,000		150,000		150,000	1,325,000
			0						0
			0						0
			0						0
			0						0
Total Funds	710,000	195,000	905,000	120,000	0	150,000	0	150,000	1,325,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 593,242
 Encumbered 29,782
 Total \$623,024

PROJECT: Tennis/Multipurpose Court

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P114123

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the repair, resurfacing and reconstruction of tennis and multipurpose courts throughout the County. The resurfacing may include applying new color-coating or applying a layer of stone dust with additional blacktop, then color-coating depending on the condition of the courts. Many existing courts are 15 to 30 years old and need work to provide a safe playing surface and fencing. Priorities are established through annual review and consultation with Harford County Public School. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 22: Construction

PROJECT STATUS:

Repairs have occurred at several school and park sites throughout the County. Installation of the new outdoor pickle ball court at Fallston Recreation Complex is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,390,000	170,000	1,560,000	100,000	150,000	150,000	150,000	150,000	2,260,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	1,390,000	170,000	1,560,000	100,000	150,000	150,000	150,000	150,000	2,260,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,240,000	170,000	1,410,000	100,000	150,000	150,000	150,000	150,000	2,110,000
R3380 Program Open Space	150,000		150,000						150,000
			0						0
			0						0
			0						0
Total Funds	1,390,000	170,000	1,560,000	100,000	150,000	150,000	150,000	150,000	2,260,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 1,316,442
 Encumbered 4,927
 Total \$1,321,369

PROJECT: Vale Road Park

PARKS AND RECREATION

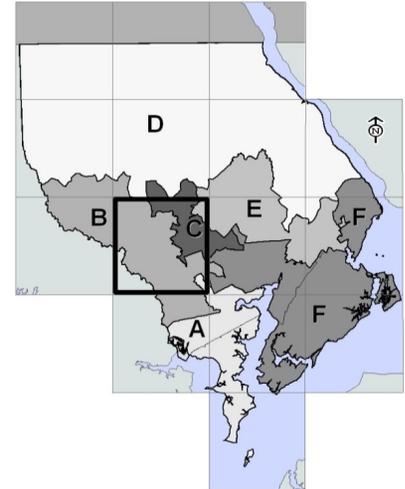
COUNCIL DISTRICT: B

LOCATION: Bel Air

P224117

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the construction of new active recreation facilities on the northern side of Heavenly Waters Park. These facilities will address needs for the Bel Air community and will include soccer/lacrosse fields and 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.



PROJECT SCHEDULE:

FY 22 - Engineering and Design
 FY 23 - Construction

PROJECT STATUS:

This project is not yet funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		125,000	125,000						125,000
Land Acquisition			0						0
Construction			0	1,000,000			150,000		1,150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	125,000	125,000	1,000,000	0	0	150,000	0	1,275,000

FUNDING SCHEDULE

R1515 Recordation Tax		125,000	125,000	500,000			150,000		775,000
R3380 Program Open Space			0	500,000					500,000
			0						0
			0						0
			0						0
Total Funds	0	125,000	125,000	1,000,000	0	0	150,000	0	1,275,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
 Expended
 Encumbered
 Total

\$0

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: ADA Improvements

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P144120

PROJECT DESCRIPTION / JUSTIFICATION:

This project reflects Harford County's commitment to provide access to County parks for individuals with disabilities. All new and recently reconstructed facilities meet these standards. 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.



PROJECT SCHEDULE:

FY 23: Engineering and Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0			25,000			25,000
Land Acquisition			0						0
Construction	395,000		395,000	75,000		75,000	140,000	140,000	825,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	395,000	0	395,000	75,000	0	100,000	140,000	140,000	850,000

FUNDING SCHEDULE

R1515 Recordation Tax	300,000		300,000	50,000		75,000	140,000	140,000	705,000
R6999 Other	95,000		95,000	25,000		25,000			145,000
			0						0
			0						0
			0						0
			0						0
Total Funds	395,000	0	395,000	75,000	0	100,000	140,000	140,000	850,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 257,851
 Encumbered 0
 Total \$257,851

PROJECT: Backstop Renovations

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P124119

PROJECT DESCRIPTION / JUSTIFICATION:

Many of the 190 softball/baseball diamonds in Harford County were installed more than fifteen years ago and are showing significant signs of wear and tear on the fencing, kick plates and players benches. This project continues a long-term effort to renovate these facilities. 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.



PROJECT SCHEDULE:

FY 23: Renovation of backstops.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000	50,000		50,000	65,000	40,000	475,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	270,000	0	270,000	50,000	0	50,000	65,000	40,000	475,000

FUNDING SCHEDULE

R1515 Recordation Tax	155,000		155,000	30,000		30,000	40,000	40,000	295,000
R6999 Other	115,000		115,000	20,000		20,000	25,000		180,000
			0						0
			0						0
			0						0
			0						0
Total Funds	270,000	0	270,000	50,000	0	50,000	65,000	40,000	475,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 23,941
 Encumbered 0
 Total \$23,941

PROJECT: Blake's Venture Park

PARKS AND RECREATION

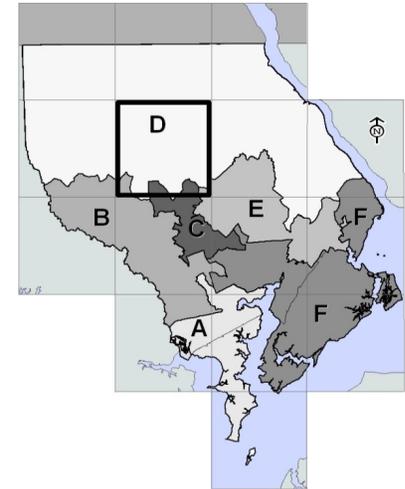
COUNCIL DISTRICT: D

LOCATION: Forest Hill

New

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the development of Phase II of Blake's Venture Park in Forest Hill. The initial phase of development included the trailhead for Phase II of the Ma and Pa Heritage Trail, two soccer fields, and associated parking. The second phase will include 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.



PROJECT SCHEDULE:

FY 25 - Engineering and Design
 FY 27 - Construction

PROJECT STATUS:

This project is not yet funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	1,100,000

FUNDING SCHEDULE

R1515 Recordation Tax						100,000		500,000	600,000
R3380 Program Open Space			0					500,000	500,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	100,000	0	1,000,000	1,100,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
 Expended
 Encumbered
 Total

\$0

PROJECT: Bleacher Renovations

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P094123

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the replacement of existing bleachers which do not meet current safety standards. 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.

PROJECT SCHEDULE:

FY 23 - FY 27: Purchase and installation of bleacher units



PROJECT STATUS:

New bleacher units are purchased on an as needed basis.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	490,000		490,000	80,000		80,000			650,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	490,000	0	490,000	80,000	0	80,000	0	0	650,000

FUNDING SCHEDULE

R1515 Recordation Tax	260,000		260,000	40,000		40,000			340,000
R6999 Other	230,000		230,000	40,000		40,000			310,000
			0						0
			0						0
			0						0
			0						0
Total Funds	490,000	0	490,000	80,000	0	80,000	0	0	650,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 155,697
 Encumbered 0
 Total \$155,697

PROJECT: Bush River Dredging and DMP Site

PARKS AND RECREATION

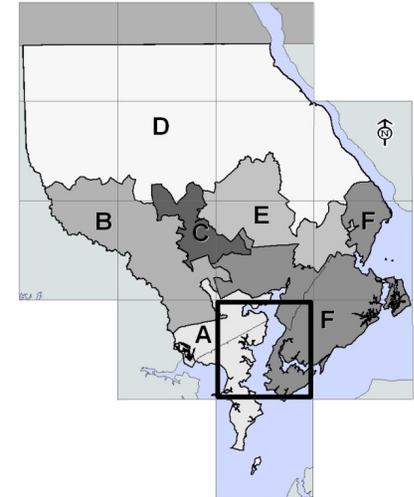
COUNCIL DISTRICT: MULTIPLE

LOCATION: Abingdon

P184111

PROJECT DESCRIPTION / JUSTIFICATION:

This project included engineering and construction of a 10-acre Disposal Material Placement (DMP) site and engineering and dredging of the Otter Point Creek, Bush River area. 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.



PROJECT SCHEDULE:

PROJECT STATUS:

Dredging of the Bush River - Otter Point Creek is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	100,000		100,000					100,000	200,000
Land Acquisition			0						0
Construction	850,000		850,000						850,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	990,000	0	990,000	0	0	0	0	100,000	1,090,000

FUNDING SCHEDULE

R1515 Recordation Tax	40,000		40,000					100,000	140,000
R3399 State Other	950,000		950,000						950,000
			0						0
			0						0
			0						0
			0						0
Total Funds	990,000	0	990,000	0	0	0	0	100,000	1,090,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 896,349
 Encumbered 72,594
 Total \$968,943

PROJECT: Canoe and Kayak Water Access

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P164113

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes construction of canoe and kayak launches along various waterways throughout the County. The first site, Benjamin's Bridge is located where Deer Creek crosses Conowingo Road. 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. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 21 - Walters Mill launch site construction

PROJECT STATUS:

Walters Mill launch site is under construction

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	200,000		200,000				50,000		250,000
Land Acquisition			0						0
Construction	1,040,000		1,040,000		325,000		200,000		1,565,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	1,280,000	0	1,280,000	0	325,000	0	250,000	0	1,855,000

FUNDING SCHEDULE

R6999 Other	300,000		300,000						300,000
R1515 Recordation Tax	630,000		630,000		325,000		100,000		1,055,000
R3399 State Other	350,000		350,000				150,000		500,000
			0						0
			0						0
			0						0
Total Funds	1,280,000	0	1,280,000	0	325,000	0	250,000	0	1,855,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
 Expended 539,741
 Encumbered 18,681
 Total \$558,422

PROJECT: Churchville Center Renovations

PARKS AND RECREATION

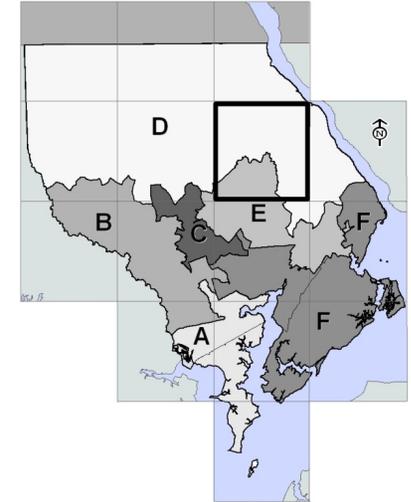
COUNCIL DISTRICT: E

LOCATION: Churchville

P104112

PROJECT DESCRIPTION / JUSTIFICATION:

The existing Churchville Recreation Center and associated outbuildings are more than fifteen years old and basic systems need renovation or upgrades. Outside funds will be used for building renovations for expansion of the gymnastic facilities following construction of a new facility for Churchville Recreation Council Programs. Future projects will be identified as needs occur. Maintenance and upgrading of existing facilities are critical to protecting the County's investment in this indoor recreation center. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 23: Engineering for future building renovations.

PROJECT STATUS:

Renovations to the existing HVAC are complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0	100,000					100,000
Land Acquisition			0		500,000				500,000
Construction	570,000		570,000						570,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	575,000	0	575,000	100,000	500,000	0	0	0	1,175,000

FUNDING SCHEDULE

R1515 Recordation Tax	175,000		175,000	100,000					275,000
R6999 Other	200,000		200,000						200,000
R8750 Paygo	200,000		200,000						200,000
R7000 Future Bonds			0		500,000				500,000
			0						0
			0						0
Total Funds	575,000	0	575,000	100,000	500,000	0	0	0	1,175,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 355,347
 Encumbered 0
 Total \$355,347

PROJECT: Darlington Park Development

PARKS AND RECREATION

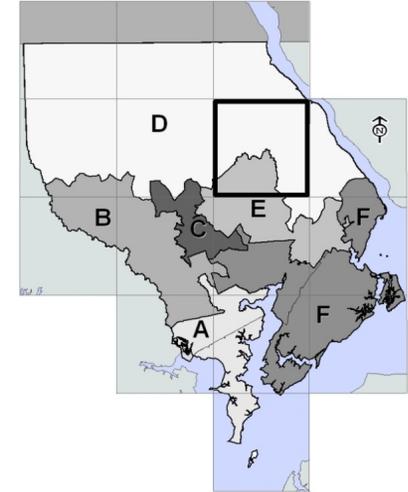
COUNCIL DISTRICT: D

LOCATION: Darlington

P094124

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the construction of a gazebo/pavilion 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.



PROJECT SCHEDULE:

PROJECT STATUS:

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	50,000	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 Program Open Space	470,000		470,000						470,000
			0						0
			0						0
			0						0
Total Funds	1,985,000	0	1,985,000	0	0	50,000	0	0	2,035,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,543,308
Encumbered 0
Total \$1,543,308

PROJECT: Debris/Derelict Boats

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P144121

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the removal of abandoned boats and debris, as necessary, in navigable waterways in Harford County, Maryland.
 This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

As needed



PROJECT STATUS:

Project is open and ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	100,000		100,000				100,000		200,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	0	0	100,000	0	200,000

FUNDING SCHEDULE

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

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Demarco Memorial Park Improvements

PARKS AND RECREATION

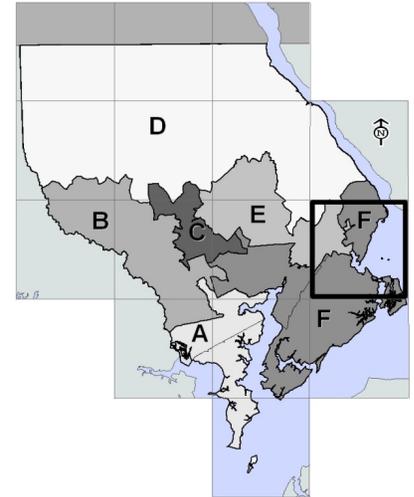
COUNCIL DISTRICT: E

LOCATION: Aberdeen

P174109

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for improvements to the fencing at Demarco Memorial Park along Route 22. Future road plans call for the expansion of Route 22 in the area of Demarco Memorial Park. This project is for the installation of a 20 foot high fence along the stretch of the park that faces Route 22. This will reduce safety issues between the park and Route 22 and will minimize the amount of balls that may leave the park and land on Route 22. This project supports the goals and objectives of the 2018 Land Preservation, Parks, and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	100,000	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 Funds	40,000	0	40,000	0	0	0	0	100,000	140,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Disc Golf Course

PARKS AND RECREATION

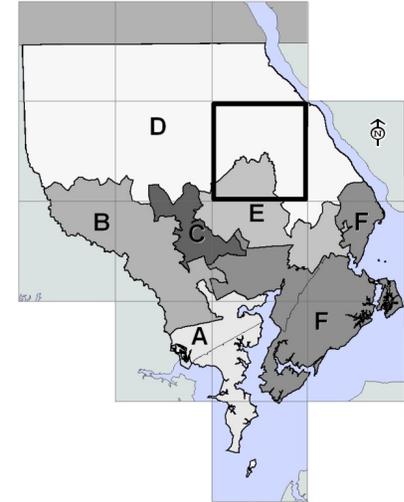
COUNCIL DISTRICT: E

LOCATION: Churchville

P144122

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes design and construction of an 18-hole disc golf course at the Churchville Recreation Center Complex. Additionally, this project would be used to repair existing disc golf courses as needed and when funding is available. Disc golf is a fast-growing sport that allows participation of all ages and skill levels. Future course sites will be considered on a site-by-site basis. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	50,000	0	0	100,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000			50,000			100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	0	0	50,000	0	0	100,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 46,791
 Encumbered 0
 Total 46,791

PROJECT: Eden Mill Park Rehabilitation

PARKS AND RECREATION

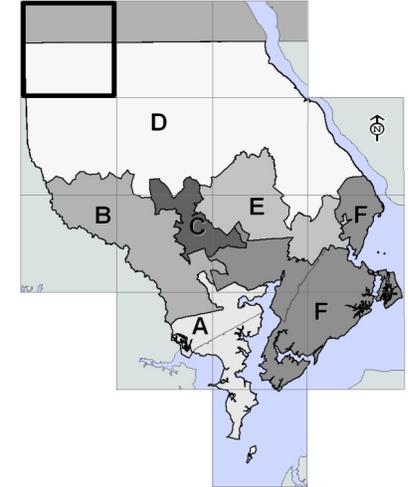
COUNCIL DISTRICT: D

LOCATION: Pylesville

P104113

PROJECT DESCRIPTION / JUSTIFICATION:

This project continues renovations and improvements to Eden Mill, including installation of a fire alarm system at the Nature Center. Maintenance and upgrading of the existing facilities is critical to protecting the County's investment in this historic building and increased usability as a nature center and community attraction. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	1,155,000		1,155,000		100,000			125,000	1,380,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost	1,255,000	0	1,255,000	0	100,000	0	0	125,000	1,480,000

FUNDING SCHEDULE

R6999 Other	300,000		300,000						300,000
R1515 Recordation Tax	955,000		955,000		100,000			125,000	1,180,000
			0						0
			0						0
			0						0
Total Funds	1,255,000	0	1,255,000	0	100,000	0	0	125,000	1,480,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
 Expended 758,192
 Encumbered 64,514
 Total \$822,706

PROJECT: Edgeley Grove Farm

PARKS AND RECREATION

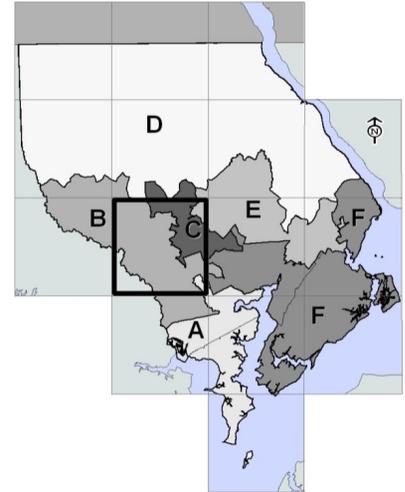
COUNCIL DISTRICT: B

LOCATION: Benson

P184113

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the construction and renovation of recreation facilities at 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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	50,000	0	750,000	940,000

FUNDING SCHEDULE

R1515 Recordation Tax	140,000		140,000			50,000		500,000	690,000
R3380 Program Open Space			0					250,000	250,000
			0						0
			0						0
			0						0
Total Funds	140,000	0	140,000	0	0	50,000	0	750,000	940,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 16,625
Encumbered 975
Total \$17,600

PROJECT: Edgewood Recreation and Community Center

PARKS AND RECREATION

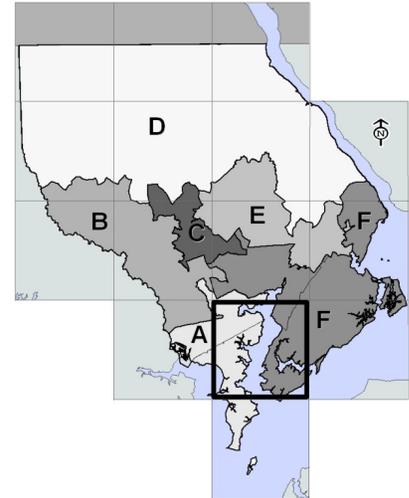
COUNCIL DISTRICT: A

LOCATION: Edgewood

P134107

PROJECT DESCRIPTION / JUSTIFICATION:

This project includes renovations to some of the existing building systems 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.



PROJECT SCHEDULE:

FY 23: Additional HVAC renovation

PROJECT STATUS:

Part of the HVAC system has been replaced

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	195,000		195,000	200,000					395,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	225,000	0	225,000	200,000	0	0	0	0	425,000

FUNDING SCHEDULE

R1515 Recordation Tax	225,000		225,000	200,000					425,000
			0						0
			0						0
			0						0
			0						0
Total Funds	225,000	0	225,000	200,000	0	0	0	0	425,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 47,844
 Encumbered 0
 Total 47,844

PROJECT: Edgewood Recreation Park

PARKS AND RECREATION

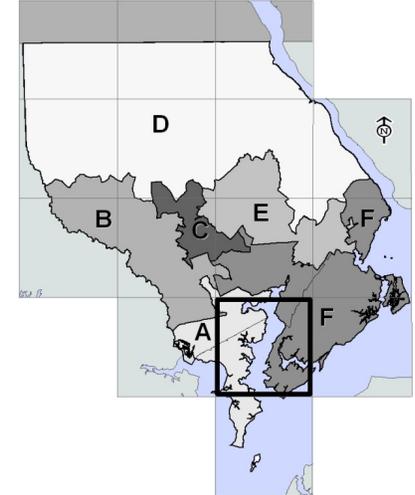
COUNCIL DISTRICT: A

LOCATION: Edgewood

P194105

PROJECT DESCRIPTION / JUSTIFICATION:

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 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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0	100,000					100,000
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	100,000	500,000	0	0	150,000	800,000

FUNDING SCHEDULE

R1515 Recordation Tax	50,000		50,000	100,000	150,000			150,000	450,000
R3380 Program Open Space			0		350,000				350,000
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	100,000	500,000	0	0	150,000	800,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Enlarged Gymnasiums & Joint Facilities

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P154110

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the construction of shared facilities at public schools such as enlarged gymnasiums, activity rooms, and recreation storage. The construction of the new Havre de Grace Middle/High School is currently scheduled for FY2018 and FY2020. Future projects will include the additional indoor recreation space in schools. This is a cost effective way to add needed facilities for Recreation Council use. Indoor space is critical for winter programming. Secondary schools utilize their large gymnasiums extensively for school programs, leaving minimal opportunity for recreation activities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.

PROJECT SCHEDULE:

FY24: Homestead/Wakefield Elementary



PROJECT STATUS:

Havre de Grace Middle/High School is complete. Field work at the site continues.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,200,000		1,200,000		700,000				1,900,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	1,200,000	0	1,200,000	0	700,000	0	0	0	1,900,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R7000 Future Bonds			0		700,000				700,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,200,000	0	1,200,000	0	700,000	0	0	0	1,900,000

Est. Annual Debt Service Cost
\$33,480

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,200,000
Encumbered 0
Total \$1,200,000

PROJECT: Equestrian Center Improvements

PARKS AND RECREATION

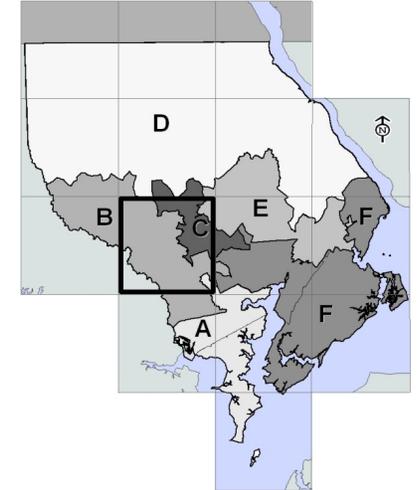
COUNCIL DISTRICT: B

LOCATION: Bel Air

P114124

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funding for repairs and improvements to the Facilities at the Equestrian Center, home of the Harford County Farm Fair and numerous equestrian and community events. 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.



PROJECT SCHEDULE:

FY 21: Re-siding of barn and other site improvements

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	511,000		511,000		100,000		300,000		911,000
Inspection Fees	14,000		14,000						14,000
Equipment/Furnishing			0						0
Total Cost	575,000	0	575,000	0	100,000	0	300,000	0	975,000

FUNDING SCHEDULE

R6999 Other	125,000		125,000				150,000		275,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax	300,000		300,000		100,000		150,000		550,000
			0						0
			0						0
Total Funds	575,000	0	575,000	0	100,000	0	300,000	0	975,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 309,068
 Encumbered 0
 Total 309,068

PROJECT: Flying Point Park Improvements

PARKS AND RECREATION

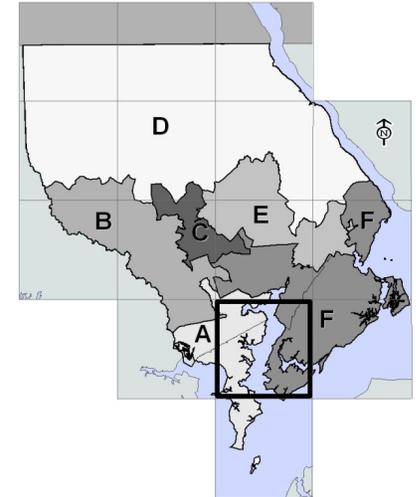
COUNCIL DISTRICT: A

LOCATION: Edgewood

P164114

PROJECT DESCRIPTION / JUSTIFICATION:

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 goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

Renovation of the office/bathroom building is underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	150,000	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 Program Open Space	400,000		400,000						400,000
			0						0
			0						0
			0						0
Total Funds	1,053,000	0	1,053,000	0	0	0	150,000	0	1,203,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 430,540
 Encumbered 52,877
 Total \$483,417

PROJECT: Graybeal Fields

PARKS AND RECREATION

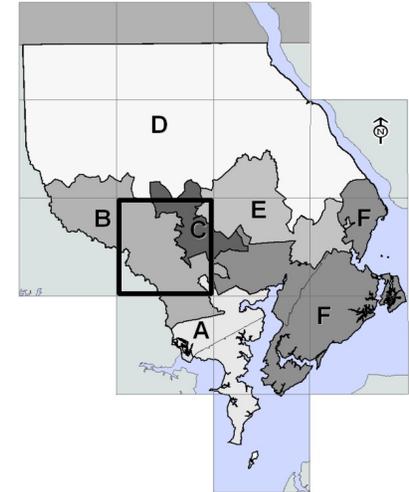
COUNCIL DISTRICT: C

LOCATION: Bel Air

PNE4105

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY 25 - Storage facility construction

PROJECT STATUS:

This project is not yet funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	125,000	0	0	125,000

FUNDING SCHEDULE

R1515 Recordation Tax			0			125,000			125,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	125,000	0	0	125,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	0
Total	\$0

PROJECT: Gunpowder River Dredging

PARKS AND RECREATION

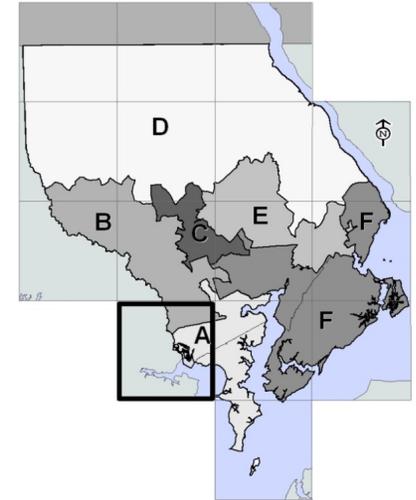
COUNCIL DISTRICT: A

LOCATION: Joppatowne

P124121

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes maintenance dredging of the existing navigation channel in Taylor's Creek, as well as the channel leading into Gunpowder River which provides boating access to the Joppatowne community. FY 19 funding will be used for upstream areas in Taylor's Creek. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	150,000	1,000,000	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
			0						0
Total Funds	2,234,000	0	2,234,000	0	0	0	150,000	1,000,000	3,384,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,791,801
 Encumbered 0
 Total \$1,791,801

PROJECT: Gymnasium Floor Repair and Renovation

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P184117

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide funding for repair and renovation of existing gymnasium floors at Parks and Recreations 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 Improvements Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

Work at the Edgewood, Havre de Grace, and McFaul Centers is complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	210,000		210,000	50,000		50,000	50,000	50,000	410,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	210,000	0	210,000	50,000	0	50,000	50,000	50,000	410,000

FUNDING SCHEDULE

R1515 Recordation Tax	115,000		115,000	25,000		25,000	25,000	25,000	215,000
R6999 Other	95,000		95,000	25,000		25,000	25,000	25,000	195,000
			0						0
			0						0
			0						0
Total Funds	210,000	0	210,000	50,000	0	50,000	50,000	50,000	410,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 43,335
 Encumbered 0
 Total 43,335

PROJECT: Jarrettsville Recreation Complex/Center

PARKS AND RECREATION

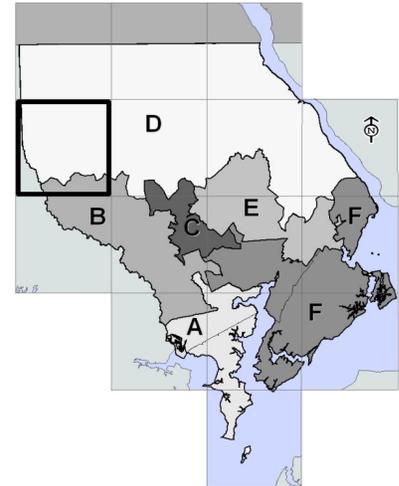
COUNCIL DISTRICT: D

LOCATION: Jarrettsville

P154111

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide a multipurpose center to serve the leisure needs for all in the Jarrettsville community. The center will include a gymnasium, fitness room and multipurpose rooms for a variety of community recreational programs. Future site amenities include a picnic pavilion and walking trails. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 22: Engineering/design

PROJECT STATUS:

Site development ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	710,775		710,775						710,775
Land Acquisition			0						0
Construction				6,500,000					6,500,000
Inspection Fees									0
Equipment/Furnishing			0		200,000				200,000
Total Cost	710,775	0	710,775	6,500,000	200,000	0	0	0	7,410,775

FUNDING SCHEDULE

R8750 Paygo	425,000		425,000						425,000
R7000 Future Bonds			0	6,500,000	200,000				6,700,000
R8770 Recordation Tax	85,775		85,775						85,775
R7100 Prior Bonds	200,000		200,000						200,000
			0						0
Total Funds	710,775	0	425,000	6,500,000	200,000	0	0	0	7,410,775

Est. Annual Debt Service Cost
\$4,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 240,385
 Encumbered 63,755
Total \$304,140

PROJECT: Joppa/Joppatowne Youth/Senior Center

PARKS AND RECREATION

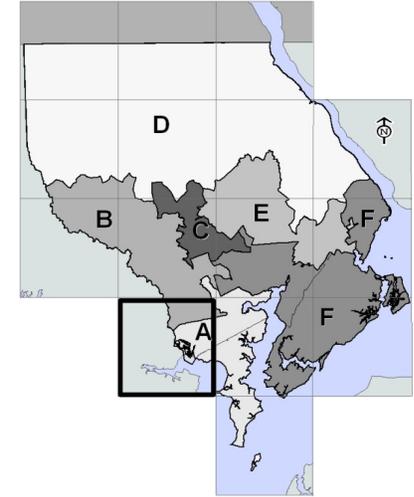
COUNCIL DISTRICT: A

LOCATION: Joppatowne

PNE4106

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide funding for a multipurpose center to serve leisure needs for all ages in the Joppa/Joppatowne community. The center will be utilized by the Office on Aging as a Senior Center and by the Department of Parks and Recreation for a variety of community recreation activities. Engineering and design for the project is scheduled 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.



PROJECT SCHEDULE:

FY 23: Engineering and Design
 FY 24: Construction

PROJECT STATUS:

This project is not yet funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0	500,000					500,000
Land Acquisition			0						0
Construction			0		6,500,000				6,500,000
Inspection Fees			0			300,000			300,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	500,000	6,500,000	300,000	0	0	7,300,000

FUNDING SCHEDULE

R7000 Future Bonds			0	500,000	6,500,000	300,000			7,300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	500,000	6,500,000	300,000	0	0	7,300,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
 Expended
 Encumbered
 Total

_____ **\$0**

PROJECT: Northern Regional Park

PARKS AND RECREATION

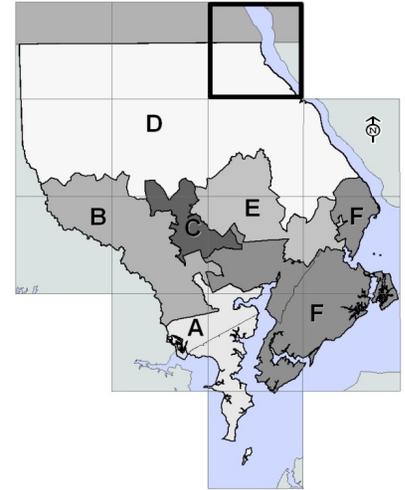
COUNCIL DISTRICT: D

LOCATION: Whiteford

P134110

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes a regional recreation facility to serve multiple recreation councils in the northern part of the County. This site will also house a multigenerational recreation center to serve the northern area of the County. A park site has been acquired for this facility. Design of the project is scheduled in FY 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.



PROJECT SCHEDULE:

FY 23: Engineering
 FY 24: Phase I Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0	250,000					250,000
Land Acquisition	575,000		575,000						575,000
Construction					1,500,000			4,500,000	6,000,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	575,000	0	575,000	250,000	1,500,000	0	0	4,500,000	6,825,000

FUNDING SCHEDULE

R8750 Paygo	75,000		75,000						75,000
R3380 Program Open Space	500,000		500,000		1,000,000				1,500,000
R7000 Future Bonds			0					4,500,000	4,500,000
R1515 Recordation Tax			0	250,000	500,000				750,000
			0						0
			0						0
Total Funds	575,000	0	575,000	250,000	1,500,000	0	0	4,500,000	6,825,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 458,454
 Encumbered 0
 Total \$458,454

PROJECT: Rockfield Park Improvements

PARKS AND RECREATION

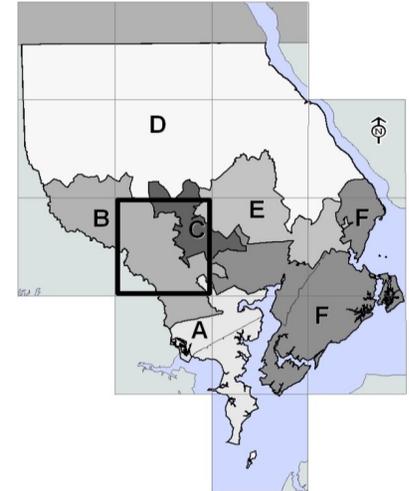
COUNCIL DISTRICT: C

LOCATION: Bel Air

P124125

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY21: Renovations to existing playground

PROJECT STATUS:

Renovations to the playground will occur in conjunction with the Town of Bel Air

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000	100,000			100,000		470,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	270,000	0	270,000	100,000	0	0	100,000	0	470,000

FUNDING SCHEDULE

R1515 Recordation Tax	85,000		85,000	50,000			50,000		185,000
R6999 Other	110,000		110,000	50,000			50,000		210,000
R3380 Program Open Space	75,000		75,000						75,000
			0						0
			0						0
			0						0
Total Funds	270,000	0	270,000	100,000	0	0	100,000	0	470,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 61,272
 Encumbered 0
 Total \$61,272

PROJECT: Perryman Park Development

PARKS AND RECREATION

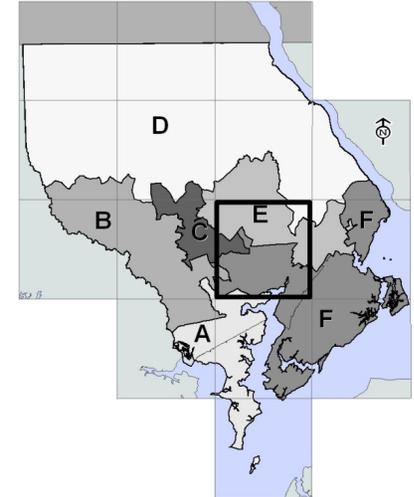
COUNCIL DISTRICT: F

LOCATION: Perryman

P214113

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the further development of Perryman Park. The park currently has a dredged material placement site with a walking trail. Future development of the site would include fields, additional parking, and other amenities on the area south of the DMP site to serve the Belcamp Recreation Council. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program recommendations.



PROJECT SCHEDULE:

FY 23: Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	120,000		120,000						120,000
Land Acquisition			0						0
Construction			0	500,000	500,000		150,000		1,150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	120,000	0	120,000	500,000	500,000	0	150,000	0	1,270,000

FUNDING SCHEDULE

R1515 Recordation Tax	120,000		120,000	300,000	300,000		150,000		870,000
R3380 Program Open Space			0	200,000	200,000				400,000
			0						0
			0						0
			0						0
Total Funds	120,000	0	120,000	500,000	500,000	0	150,000	0	1,270,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity 3/22/21:

Expended	0
Encumbered	72,900
Total	\$72,900

PROJECT: Robert Copenhagen Park Improvements

PARKS AND RECREATION

COUNCIL DISTRICT: A

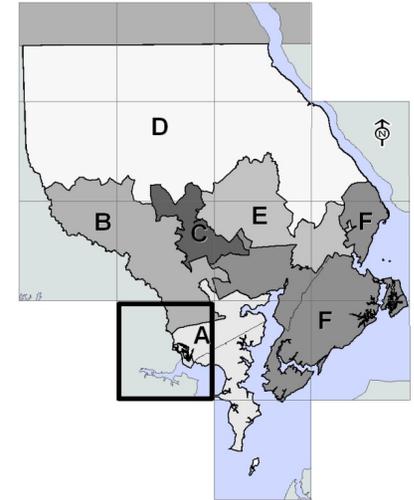
LOCATION: Joppatowne

P144126

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide improvements to Robert Copenhagen Park in support of the Joppatowne Seahawks recreation football program. Copenhagen Park is the home of the program and the only facility currently available for the football program.

This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

Restroom renovations are complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	270,000		270,000	250,000					520,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	250,000	0	0	0	0	550,000

FUNDING SCHEDULE

R1515 Recordation Tax	300,000		300,000	125,000					425,000
R3380 Program Open Space				125,000					125,000
R6999 Other			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	250,000	0	0	0	0	550,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 262,396
 Encumbered 6,052
 Total \$268,448

PROJECT: Rock Glenn Park

PARKS AND RECREATION

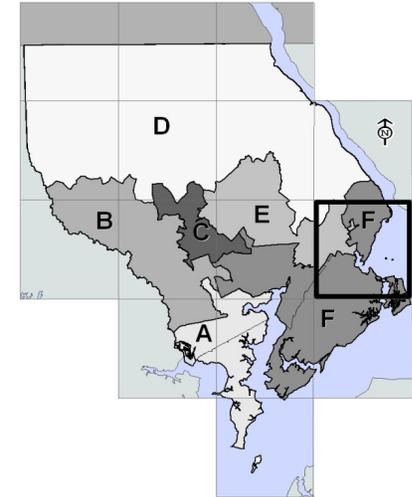
COUNCIL DISTRICT: E

LOCATION: Aberdeen

P194106

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes construction of two multipurpose 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 FY19 with construction beginning in FY 20. 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.



PROJECT SCHEDULE:

FY 22: Construction pending Community Parks & Playground funding approval

PROJECT STATUS:

Construction was delayed as the City of Aberdeen did not receive Community Parks & Playground grant funding in FY 20 or FY 21. The City reapplied for CPP funding for FY 22.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	1,160,000		1,160,000				150,000		1,310,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	1,300,000	0	1,300,000	0	0	0	150,000	0	1,450,000

FUNDING SCHEDULE

R1515 Recordation Tax	900,000		900,000				150,000		1,050,000
R6999 Other	400,000		400,000						400,000
			0						0
			0						0
			0						0
Total Funds	1,300,000	0	1,300,000	0	0	0	150,000	0	1,450,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 93,046
 Encumbered 17,480
 Total \$110,526

PROJECT: Swan Harbor Farm Improvements

PARKS AND RECREATION

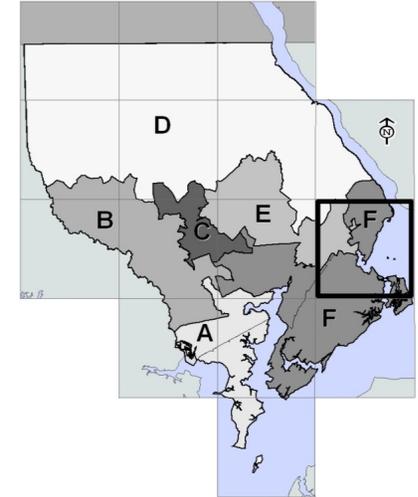
COUNCIL DISTRICT: F

LOCATION: Havre de Grace

P154113

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes renovations and improvements at Swan Harbor Farm. Future projects include the construction of a recreational trail from the City limits of Havre de Grace through Swan Harbor Farm to the waterfront. This hiker/biker trail would connect Swan Harbor Farm to the historic amenities of Havre de Grace and link the park to the Lower Susquehanna Heritage Greenway. Additional parking will be constructed to support these uses. A variety of funding sources will be used for these projects, including local funds, POS funds and other State sources for the Lower Susquehanna Heritage Greenway. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.



PROJECT SCHEDULE:

FY 22: Stamped concrete pad installation on the back patio area

PROJECT STATUS:

Repainting of the outside of the farmhouse and the chimney repair is complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	664,000		664,000	50,000	50,000	50,000	50,000	50,000	914,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing	80,000		80,000						80,000
Total Cost	764,000	0	764,000	50,000	50,000	50,000	50,000	50,000	1,014,000

FUNDING SCHEDULE

R8750 Paygo - Parks & Rec Fund	655,000		655,000	50,000	50,000	50,000	50,000	50,000	905,000
R1515 Recordation Tax	10,000		10,000						10,000
R3399 State Other	99,000		99,000						99,000
			0						0
Total Funds	764,000	0	764,000	50,000	50,000	50,000	50,000	50,000	1,014,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 479,867
 Encumbered 0
 Total 479,867

PROJECT: Tollgate Woodshop

PARKS AND RECREATION

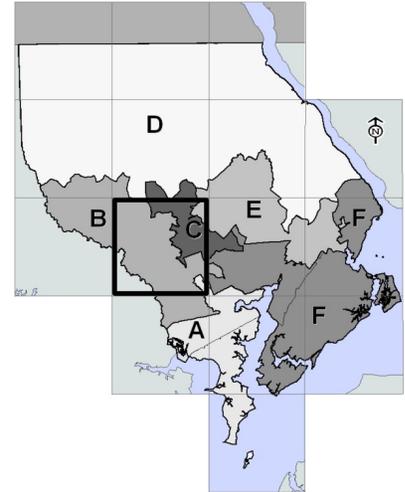
COUNCIL DISTRICT: C

LOCATION: Bel Air

P174110

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for equipment replacement and security system upgrades at the Department Woodshop located in Heavenly Waters Park. The woodshop opened in 2009 and has experienced significant use since opening its doors. Several of the larger mounted pieces of equipment are nearing the end of their useful life. This project will provide funding for replacement equipment as needed in the woodshop. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

New equipment has been purchased and the building security system has been upgraded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	45,000	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 Funds	40,000	0	40,000	0	0	0	45,000	0	85,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	2,869
Encumbered	0
Total	\$2,869

PROJECT: Trails & Linear Parks

PARKS AND RECREATION

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

P124126

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the acquisition, development, repair, and maintenance of hiker/biker trails, greenways, and linear parks. Trails may be constructed along existing roadways, in existing and proposed park sites and/or the Ma & Pa railroad track bed. These trails will be used for transportation, as well as, physical fitness facilities for walking, jogging, and bike riding. Environmental education programs will also be provided. 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.



PROJECT SCHEDULE:

FY 19 - FY 22: Construction of the Ma & Pa trail connection from Williams Street to Blake's Venture Park

PROJECT STATUS:

Construction of segment 2 of the Ma & Pa Connector Trail is underway
 Construction of segment 3 of the Ma & Pa Connector Trail will be underway in 2022

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	245,000		245,000			50,000			295,000
Land Acquisition	55,000		55,000						55,000
Construction	16,300,000		16,300,000			450,000		500,000	17,250,000
Inspection Fees	600,000		600,000						600,000
Equipment/Furnishing			0						0
Total Cost	17,200,000	0	17,200,000	0	0	500,000	0	500,000	18,200,000

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
R8750 Paygo - Hotel Tax Revenue	1,750,000		1,750,000						1,750,000
R7100 Prior Bonds	4,000,000		4,000,000						4,000,000
R3380 Program Open Space	700,000		700,000			250,000		250,000	1,200,000
R7000 Future Bonds	0		0						0
R3399 State Other	100,000		100,000						100,000
Total Funds	17,200,000	0	17,200,000	0	0	500,000	0	500,000	18,200,000

Est. Annual Debt Service Cost
 \$80,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
 Expended 1,851,450
 Encumbered 2,557,427
 Total \$4,408,877

OPEN/ACTIVE PROJECTS

PROJECT: Cedar Lane Sports Complex Improvements

PARKS AND RECREATION

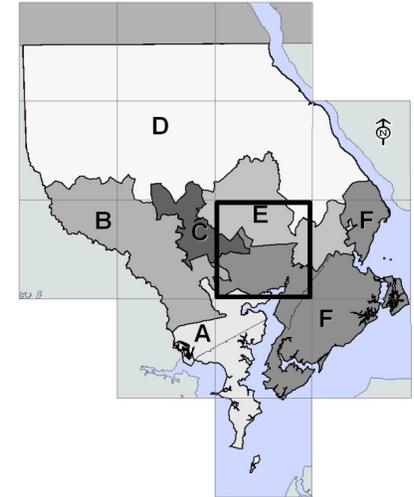
COUNCIL DISTRICT: C

LOCATION: Creswell

P104111

PROJECT DESCRIPTION / JUSTIFICATION:

This project funded improvements and amenities at the Cedar Lane Regional Sports Complex.



PROJECT SCHEDULE:

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	32,500		32,500						32,500
Land Acquisition			0						0
Construction	2,341,000		2,341,000						2,341,000
Inspection Fees	87,500		87,500						87,500
Equipment/Furnishing			0						0
Total Cost	2,461,000	0	2,461,000	0	0	0	0	0	2,461,000

FUNDING SCHEDULE

R6999 Other	1,200,000		1,200,000						1,200,000
R8750 Paygo	811,000		811,000						811,000
R7100 Prior Bonds	100,000		100,000						100,000
R8753 Paygo Hotel Tax Revenue	350,000		350,000						350,000
			0						0
			0						0
Total Funds	2,461,000	0	2,461,000	0	0	0	0	0	2,461,000

Est. Annual Debt Service Cost
\$2,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,321,542
 Encumbered 0
 Total \$1,321,542

PROJECT: Churchville Complex Development

PARKS AND RECREATION

COUNCIL DISTRICT: E

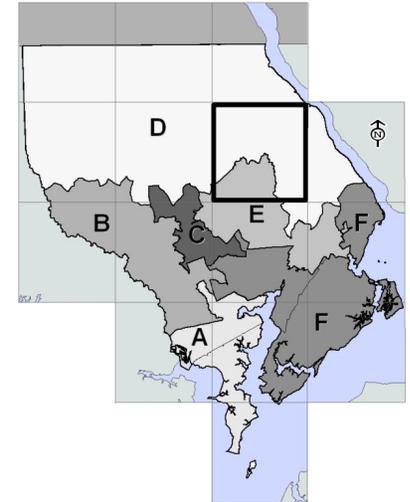
LOCATION: Churchville

P054115

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the further development of the Churchville Recreation Complex. 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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	405,000		405,000						405,000
Land Acquisition			0						0
Construction	7,911,830		7,911,830						7,911,830
Inspection Fees	240,000		240,000						240,000
Equipment/Furnishing			0						0
Total Cost	8,556,830	0	8,556,830	0	0	0	0	0	8,556,830

FUNDING SCHEDULE

R8750 Paygo	285,322		285,322						285,322
R3199 Federal Other	70,000		70,000						70,000
R7100 Prior Bonds	7,176,830		7,176,830						7,176,830
R3380 Program Open Space	725,000		725,000						725,000
R1515 Recordation Tax	299,678		299,678						299,678
			0						0
Total Funds	8,556,830	0	8,556,830	0	0	0	0	0	8,556,830

Est. Annual Debt Service Cost
\$143,537

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 7,955,273
 Encumbered 5,950
 Total \$7,961,223

PROJECT: Forest Hill Recreation Complex Improvements

PARKS AND RECREATION

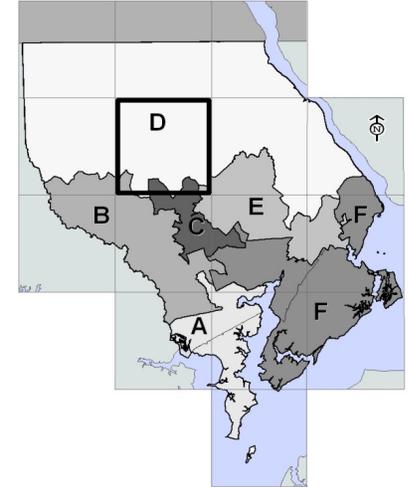
COUNCIL DISTRICT: C

LOCATION: Forest Hill

P184115

PROJECT DESCRIPTION / JUSTIFICATION:

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 Improvements Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	800,000	0	800,000	0	0	0	0	0	800,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Fox Meadows Park Improvements

PARKS AND RECREATION

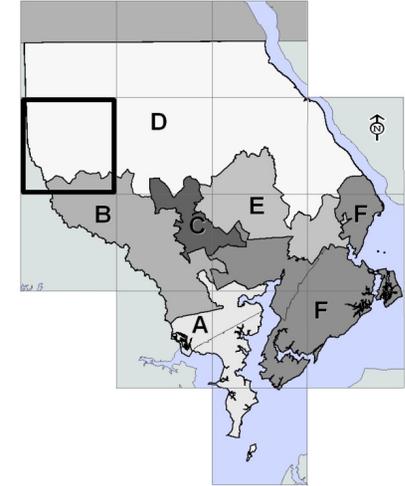
COUNCIL DISTRICT: D

LOCATION: Jarrettsville

P184116

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

PROJECT STATUS:

The trail system at the park is complete. Pavilion improvements are underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	450,000	0	450,000	0	0	0	0	0	450,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 204,629
 Encumbered 8,500
 Total \$213,129

PROJECT: Francis Silver Park Improvements

PARKS AND RECREATION

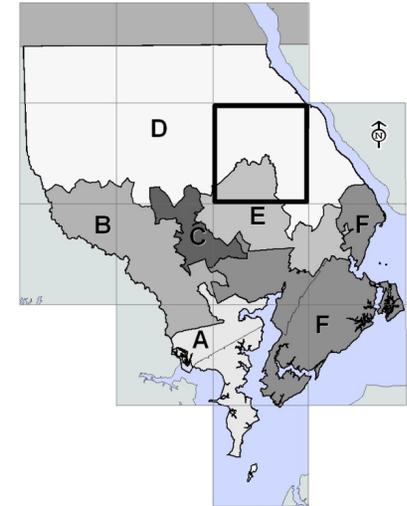
COUNCIL DISTRICT: D

LOCATION: Darlington

P164115

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

PROJECT STATUS:

Construction of the loop trail system is underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Program Open Space	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	425,000	0	425,000	0	0	0	0	0	425,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 6,650
 Encumbered 160,626
 Total \$167,276

PROJECT: Heavenly Waters Park

PARKS AND RECREATION

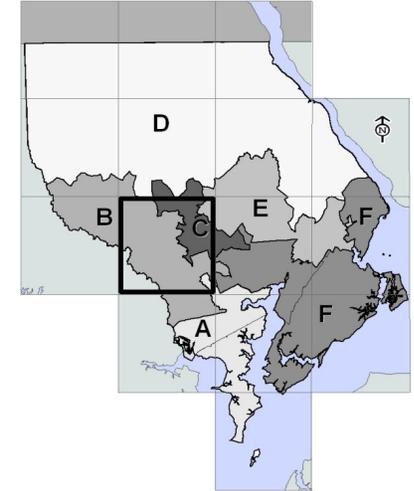
COUNCIL DISTRICT: B

LOCATION: Bel Air

P054119

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the maintenance and development of Heavenly Waters Park. Heavenly Waters Park is the home of the Equestrian Center, Tollgate Fields, parts of the Ma & Pa Trail, and the Parks and Recreation Headquarters. Funding in this capital account will be used to improve drainage swales along the Ma & Pa Trail-Edgeley Grove section. This project supports the goals and objectives of the 2018 Land Preservation, Parks, and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

Stormwater improvements to the Edgeley Grove section of the Ma & Pa Trail are complete. This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,095,000		2,095,000						2,095,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	2,120,000	0	2,120,000	0	0	0	0	0	2,120,000

FUNDING SCHEDULE

R1515 Recordation Tax	305,000		305,000						305,000
R6330 Developer	25,000		25,000						25,000
R6999 Other	90,000		90,000						90,000
R7100 Prior Bonds	1,100,000		1,100,000						1,100,000
R3399 State Other	600,000		600,000						600,000
Total Funds	2,120,000	0	2,120,000	0	0	0	0	0	2,120,000

Est. Annual Debt Service Cost
\$22,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,129,843
 Encumbered 297
 Total \$1,130,140

PROJECT: Indoor Recreation Facility-Forest Hill/Hickory

PARKS AND RECREATION

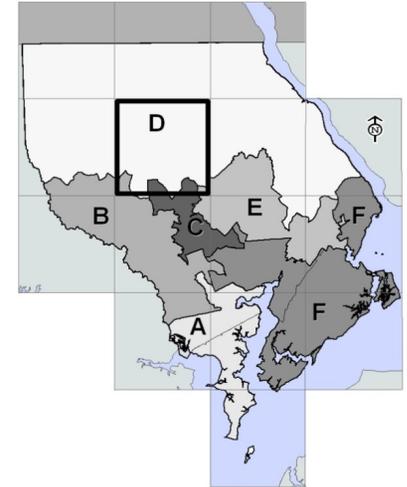
COUNCIL DISTRICT: D

LOCATION: Forest Hill

P084121

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the renovations of the Forest Hill/Hickory Activities Center to meet community needs. Previous projects included 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.



PROJECT SCHEDULE:

FY 22 - Replacement of the arena plexiglass using existing funds in the capital account.
 FY 22 - Assessment of front wall in the arena side for water infiltration

PROJECT STATUS:

Replacement of the arena netting is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	1,474,000	0	1,474,000	0	0	0	0	0	1,474,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,111,719
 Encumbered 0
 Total \$1,111,719

PROJECT: Mariner Point Park Renovations

PARKS AND RECREATION

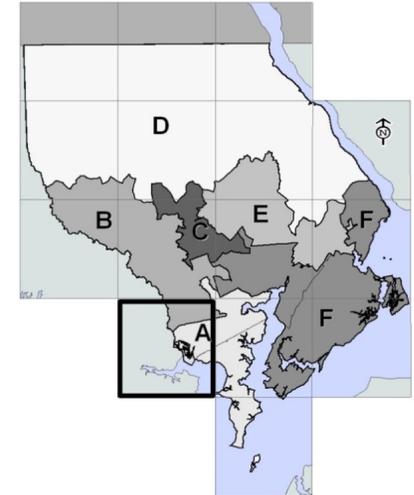
COUNCIL DISTRICT: A

LOCATION: Joppatowne

P094127

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes improvements to Mariner Point Park. These projects include the replacement of decking on the existing launching ramps and piers, a canoe launch, trail maintenance and other repairs 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.



PROJECT SCHEDULE:

FY21: Walking trail repair and improvements

PROJECT STATUS:

The new canoe/kayak launch is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Program Open Space	125,000		125,000						125,000
			0						0
			0						0
Total Funds	736,000	0	736,000	0	0	0	0	0	736,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 425,569
 Encumbered 0
 Total 425,569

PROJECT: Nuttal Avenue Park Development

PARKS AND RECREATION

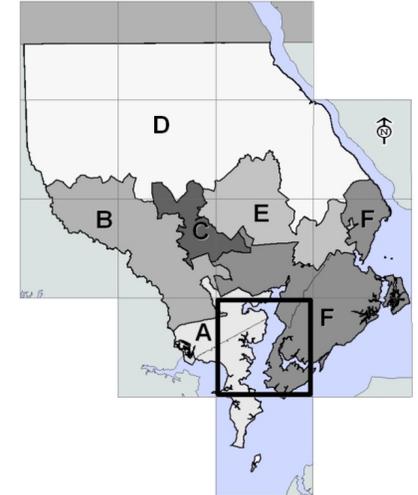
COUNCIL DISTRICT: A

LOCATION: Edgewood

P094128

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the development of passive community amenities, such as trails, a picnic pavilion and amphitheatre on a vacant site. Development of an attractive park site and community attractions will contribute to revitalization of the area. Funding may include Community Legacy and Program Open Space funds as well as local funds. Additional residential development is anticipated in the Edgewood community. Population growth will generate demand for additional recreation facilities. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 21: Construction

PROJECT STATUS:

Engineering for the park site is underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Program Open Space	30,000		30,000						30,000
			0						0
			0						0
			0						0
Total Funds	650,000	0	650,000	0	0	0	0	0	650,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 78,367
 Encumbered 22,317
 Total \$100,684

PROJECT: Otter Point Creek Boat Launch

PARKS AND RECREATION

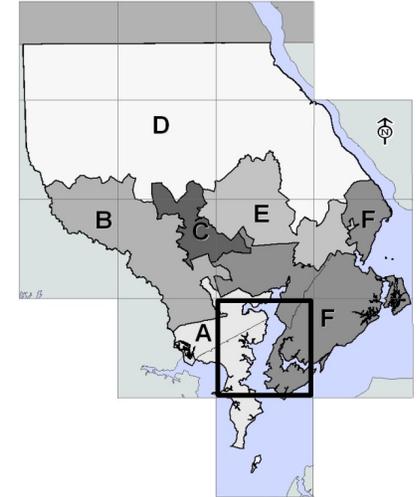
COUNCIL DISTRICT: A

LOCATION: Abingdon

P204118

PROJECT DESCRIPTION / JUSTIFICATION:

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. This 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 & Wildlife Service. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan.



PROJECT SCHEDULE:

PROJECT STATUS:

Renovations of the launch site will occur in 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	560,000	0	560,000	0	0	0	0	0	560,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,803
 Encumbered 9,563
 Total \$12,366

PROJECT: Schucks Road Regional Complex

PARKS AND RECREATION

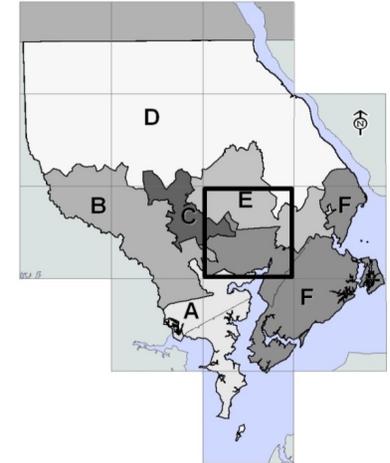
COUNCIL DISTRICT: E

LOCATION: Churchville

P064137

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposed the development of a 71 acre site centrally located in Harford County. Three Recreation Councils (Hickory/Fountain Green, Forest Hill and Emmorton) have contributed funds towards site acquisition and will share facilities. The initial phase of park development will include baseball/softball diamonds, lacrosse/soccer field, and entrance road with associated parking. Population growth in this area will create demand for additional recreation facilities.



This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvements Program Recommendations.

PROJECT SCHEDULE:

PROJECT STATUS:

Wetlands mitigation monitoring continues.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	150,000		150,000						150,000
Land Acquisition	200,000		200,000						200,000
Construction	7,340,415		7,340,415						7,340,415
Inspection Fees	420,000		420,000						420,000
Equipment/Furnishing			0						0
Total Cost	8,110,415	0	8,110,415	0	0	0	0	0	8,110,415

FUNDING SCHEDULE

R1515 Recordation Tax	2,070,000		2,070,000						2,070,000
R6999 Other	100,000		100,000						100,000
R7100 Prior Bonds	2,530,000		2,530,000						2,530,000
R8770 Reappropriated	1,454,415		1,454,415						1,454,415
R3380 Program Open Space	1,956,000		1,956,000						1,956,000
			0						0
Total Funds	8,110,415	0	8,110,415	0	0	0	0	0	8,110,415

Est. Annual Debt Service Cost
\$50,600

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 6,037,129
 Encumbered 1,655
Total \$6,038,784

PROJECT: Tudor Hall Rehabilitation

PARKS AND RECREATION

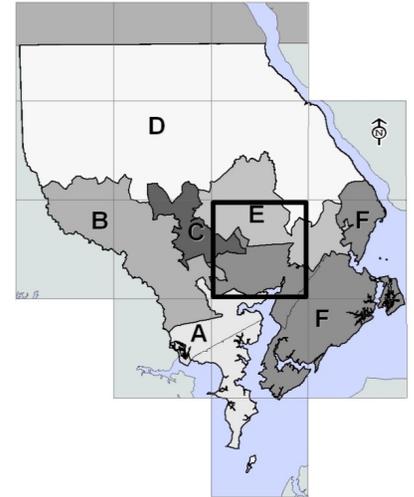
COUNCIL DISTRICT: E

LOCATION: Fountain Green

P084126

PROJECT DESCRIPTION / JUSTIFICATION:

In 2006, Harford County acquired Tudor Hall, the historic home of the Booth family, including the famous Shakespearean actors Junius and Edwin Booth, as well as John Wilkes Booth. The structure is more than 150 years old and conservation efforts are needed. Additional funds will be needed to maintain the site and support the growing community interest. Other projects will be identified as the need arises. This project supports the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan, and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	585,000		585,000				0		585,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	610,000	0	610,000	0	0	0	0	0	610,000

FUNDING SCHEDULE

R8770 Reappropriated	400,000		400,000						400,000
R1515 Recordation Tax	210,000		210,000				0		210,000
			0						0
			0						0
			0						0
			0						0
Total Funds	610,000	0	610,000	0	0	0	0	0	610,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 434,999
 Encumbered 0
 Total 434,999

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM				
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027

HIGHWAYS FUND

BRIDGES

FY 22 Funded Projects:

Abingdon Road Bridge #169 over CSX	5,230,000	1,830,000	3,400,000	0	0	0	0	0
Boggs Road Bridge #66	1,400,000	250,000	50,000	1,100,000	0	0	0	0
Bridge and Culvert Rehabilitation	9,950,000	5,350,000	850,000	750,000	750,000	750,000	750,000	750,000
Bridge and Road Scour Repairs	3,475,000	1,975,000	250,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Program - Over 20' Spans	6,600,000	1,500,000	1,500,000	0	1,700,000	0	1,900,000	0
Bridge Painting	1,950,000	500,000	450,000	200,000	200,000	200,000	200,000	200,000
Deep Run Road Bridge #152	1,325,000	250,000	50,000	1,025,000	0	0	0	0
Glen Cove Road Bridge #155	1,225,912	1,075,912	150,000	0	0	0	0	0
Glenville Road Bridge #30	1,810,000	410,000	100,000	0	1,300,000	0	0	0
Grier Nursery Road Bridge #43	2,500,000	500,000	100,000	0	1,900,000	0	0	0
Hookers Mill Road Bridge #13	2,750,000	0	100,000	2,650,000	0	0	0	0
Madonna Road Bridge #113	3,250,000	500,000	100,000	0	0	2,650,000	0	0
Scarboro Road Bridge #140	1,475,000	0	350,000	25,000	1,100,000	0	0	0
Trappe Church Road Bridge #161	1,850,000	0	500,000	50,000	0	0	1,300,000	0

Outyear Projects:

Ayres Chapel Road Bridge #116	1,400,000	0	0	400,000	25,000	975,000	0	0
Bridge Deck Replacements	1,600,000	0	0	0	600,000	1,000,000	0	0
Bridge Inspection Program - Under 20' Spans	1,175,000	350,000	0	265,000	0	275,000	0	285,000
Chestnut Hill Road Bridge #41	500,000	0	0	0	0	0	0	500,000
Cullum Road Bridge #112	400,000	0	0	0	0	0	400,000	0
Edwards Lane Culvert	975,000	0	0	0	0	0	0	975,000
Fawn Grove Road Bridge #132	1,735,000	10,000	0	0	350,000	50,000	1,325,000	0
Hess Road Bridge #81	550,000	0	0	0	0	500,000	50,000	0
Kalmia Road Bridge #223	525,000	0	0	0	0	0	500,000	25,000
Lake Fanny Road Bridge #211	400,000	0	0	0	0	0	400,000	0
Moores Road Bridge #78	2,200,000	0	0	0	500,000	50,000	0	1,650,000
Rush Road Bridge #97	425,000	0	0	0	400,000	25,000	0	0
St. Clair Road Bridge #100	2,425,000	0	0	0	0	500,000	25,000	1,900,000
Stafford Road Bridge #19	500,000	0	0	0	0	0	0	500,000
Stafford Road Bridge #162	1,425,000	0	0	400,000	25,000	0	1,000,000	0
Structural Evaluation	770,000	520,000	0	50,000	50,000	50,000	50,000	50,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR		FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
HIGHWAYS FUND									
BRIDGES									
<u>Open Projects:</u>									
Bridge Inspection Program	3,640,000	3,640,000	0	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	2,065,000	0	0	0	0	0	0	0
Culvert Rehabilitation	4,730,000	4,730,000	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	1,450,000	1,450,000	0	0	0	0	0	0	0
Stafford Road Bridge #24	3,405,000	3,405,000	0	0	0	0	0	0	0
Bridges Total by Project	79,935,912	33,160,912	7,950,000	7,165,000	9,150,000	7,275,000	8,150,000	7,085,000	7,085,000
Paygo	32,364,762	17,619,762	700,000	1,595,000	2,725,000	2,850,000	3,430,000	3,445,000	3,445,000
Prior Paygo	0	0	0	0	0	0	0	0	0
Future Bonds	9,130,000	0	2,470,000	3,130,000	1,765,000	1,505,000	260,000	0	0
Prior Bonds	4,648,912	4,648,912	0	0	0	0	0	0	0
Reappropriated	69,238	69,238	0	0	0	0	0	0	0
Federal	33,723,000	10,823,000	4,780,000	2,440,000	4,660,000	2,920,000	4,460,000	3,640,000	3,640,000
Bridges Total by Fund	79,935,912	33,160,912	7,950,000	7,165,000	9,150,000	7,275,000	8,150,000	7,085,000	7,085,000
ROADWAYS									
<u>FY 22 Funded Projects:</u>									
Drainage Improvements	2,275,000	1,675,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Guardrails	1,975,000	1,075,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	6,566,728	4,516,728	150,000	380,000	380,000	380,000	380,000	380,000	380,000
New Roads and Stormdrains	4,025,000	2,825,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Rehabilitation	2,791,231	1,891,231	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Tollgate Road/Vale Road Corridor	1,775,000	0	200,000	450,000	200,000	0	0	0	925,000
Traffic Calming, Bicycle & Road Safety Improvements	1,400,000	750,000	50,000	120,000	120,000	120,000	120,000	120,000	120,000
Traffic Signals	1,219,601	409,601	135,000	135,000	135,000	135,000	135,000	135,000	135,000
Woodley Road Extension to MD 715	12,250,000	2,250,000	5,000,000	5,000,000	0	0	0	0	0
<u>Outyear Projects:</u>									
Carrs Mill Road (MD152 - Grafton Shop Road)	200,000	0	0	100,000	100,000	0	0	0	0
Trimble Road (Joppa Road to Garnett Road)	2,375,000	25,000	0	200,000	50,000	0	2,100,000	0	0

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR	FIVE YEAR CAPITAL PROGRAM				
			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
HIGHWAYS FUND								
ROADWAYS								
<u>Open Projects:</u>								
Landis Circle - Foxborough Farms	350,000	350,000	0	0	0	0	0	0
Moores Mill Road	10,363,088	10,363,088	0	0	0	0	0	0
Spesutia Road Reconstruction/Upgrade	5,750,000	5,750,000	0	0	0	0	0	0
Village of Scot's Fancy Starmount Lane	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 Total by Project	56,215,648	34,780,648	6,135,000	6,985,000	1,585,000	1,235,000	3,335,000	2,160,000
Paygo	20,745,072	11,685,072	835,000	1,435,000	1,285,000	1,135,000	3,235,000	1,135,000
Future Bonds	6,775,000	0	200,000	5,450,000	200,000	0	0	925,000
Prior Bonds	17,615,975	17,615,975	0	0	0	0	0	0
Reappropriated	109,601	109,601	0	0	0	0	0	0
State	720,000	720,000	0	0	0	0	0	0
Federal	5,000,000	0	5,000,000	0	0	0	0	0
Developer/Other	5,250,000	4,650,000	100,000	100,000	100,000	100,000	100,000	100,000
Roadways Total by Fund	56,215,648	34,780,648	6,135,000	6,985,000	1,585,000	1,235,000	3,335,000	2,160,000
RESURFACING								
<u>FY 22 Funded Projects:</u>								
Highways Infrastructure Investment Project	10,000,000	0	10,000,000	0	0	0	0	0
Resurfacing Roadways	66,697,870	30,697,870	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
<u>Open Projects:</u>								
Resurfacing Roadways 15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Total by Project	82,300,976	36,300,976	16,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Paygo	72,300,976	36,300,976	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Federal	10,000,000	0	10,000,000	0	0	0	0	0
Resurfacing Total by Fund	82,300,976	36,300,976	16,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM					
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
HIGHWAYS FUND									
OTHER									
<u>FY 22 Funded Projects:</u>									
APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0	0
Efficiency Capital Investment Project	380,000	355,000	25,000	0	0	0	0	0	0
Fleet Replacement	30,292,000	16,142,000	2,050,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	2,500,000
Highways Facilities Repair Program	1,927,000	1,327,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Lease Revenue Highways	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Norrisville Highways Facility	3,000,000	0	1,500,000	1,500,000	0	0	0	0	0
Sidewalks and Handicapped Ramps	2,579,300	1,679,300	150,000	150,000	150,000	150,000	150,000	150,000	150,000
<u>Outyear Projects</u>									
Refresh Program	990,500	740,500	0	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,087,450	3,712,450	0	75,000	75,000	75,000	75,000	75,000	75,000
<u>Open Projects:</u>									
Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0	0
Fuel Dispensing Upgrade	950,000	950,000	0	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0	0
Other Total by Project	<u>62,420,750</u>	<u>37,120,750</u>	<u>4,825,000</u>	<u>5,075,000</u>	<u>3,775,000</u>	<u>3,875,000</u>	<u>3,875,000</u>	<u>3,875,000</u>	<u>3,875,000</u>
Paygo	42,881,708	26,920,529	2,486,179	2,475,000	2,675,000	2,775,000	2,775,000	2,775,000	2,775,000
Future Bonds	3,600,000	0	1,600,000	1,600,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	7,566,000	7,566,000	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0	0
State	230,000	230,000	0	0	0	0	0	0	0
Developer/Other	973,742	1,234,921	(261,179)	0	0	0	0	0	0
Lease Finance	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Other Total by Fund	<u>62,420,750</u>	<u>37,120,750</u>	<u>4,825,000</u>	<u>5,075,000</u>	<u>3,775,000</u>	<u>3,875,000</u>	<u>3,875,000</u>	<u>3,875,000</u>	<u>3,875,000</u>
TOTAL HIGHWAYS CAPITAL	280,873,286	141,363,286	34,910,000	25,225,000	20,510,000	18,385,000	21,360,000	19,120,000	19,120,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
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HIGHWAYS FUND

HIGHWAYS

BRIDGES

Abingdon Road Bridge #169 over CSX	3,400,000	0	0	0	680,000	0	0	0	0	0	0	2,720,000	0
Boggs Road Bridge #66	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Bridge and Culvert Rehabilitation	850,000	0	0	0	850,000	0	0	0	0	0	0	0	0
Bridge and Road Scour Repairs	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program - Over 20' Spans	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000	0
Bridge Painting	450,000	0	450,000	0	0	0	0	0	0	0	0	0	0
Deep Run Road Bridge #152	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Glen Cove Road Bridge #155	150,000	0	0	0	150,000	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Grier Nursery Road Bridge #43	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Hookers Mill Road Bridge #13	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Madonna Road Bridge #113	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Scarboro Road Bridge #140	350,000	0	0	0	350,000	0	0	0	0	0	0	0	0
Trappe Church Road Bridge #161	500,000	0	0	0	100,000	0	0	0	0	0	0	400,000	0
SUB-TOTAL BRIDGES	7,950,000	0	700,000	0	2,470,000	0	0	0	0	0	0	4,780,000	0

ROADWAYS

Drainage Improvements	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0
Guardrails	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Intersection Improvements	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
New Roads and Stormdrains	200,000	0	100,000	0	0	0	0	0	0	0	0	0	100,000
Stormdrain Rehabilitation	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
Tollgate Road/Vale Road Corridor	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle & Road Safety Improvements	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000	0	0	0	0	0	0	0	0	0	0
Woodley Road Extension to MD 715	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000	0
SUB-TOTAL ROADWAYS	6,135,000	0	835,000	0	200,000	0	0	0	0	0	0	5,000,000	100,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>HIGHWAYS FUND</u>													
HIGHWAYS													
RESURFACING													
Highways Infrastructure Investment Project	10,000,000	0	0	0	0	0	0	0	0	0	0	10,000,000	0
Resurfacing Roadways	6,000,000	0	6,000,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL RESURFACING	16,000,000	0	6,000,000	0	0	0	0	0	0	0	0	10,000,000	0
OTHER													
APG Gate Pilot	0	0	261,179	0	0	0	0	0	0	0	0	0	(261,179)
Efficiency Capital Investment Project	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	2,050,000	0	2,050,000	0	0	0	0	0	0	0	0	0	0
Highways Facilities Repair Program	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Lease Revenue Highways	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0
Norrisville Highways Facility	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	4,825,000	0	2,486,179	0	1,600,000	1,000,000	0	0	0	0	0	0	(261,179)
TOTAL HIGHWAYS FUND CAPITAL	34,910,000	0	10,021,179	0	4,270,000	1,000,000	0	0	0	0	0	19,780,000	(161,179)

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM				
					FY 2024	FY 2025	FY 2026	FY 2027	

HIGHWAYS FUND

BRIDGES

FY 22 Funded Projects:

Abingdon Road Bridge #169 over CSX	5,230,000	1,830,000	3,400,000	0	0	0	0	0
Boggs Road Bridge #66	1,400,000	250,000	50,000	1,100,000	0	0	0	0
Bridge and Culvert Rehabilitation	9,950,000	5,350,000	850,000	750,000	750,000	750,000	750,000	750,000
Bridge and Road Scour Repairs	3,475,000	1,975,000	250,000	250,000	250,000	250,000	250,000	250,000
Bridge Inspection Program - Over 20' Spans	6,600,000	1,500,000	1,500,000	0	1,700,000	0	1,900,000	0
Bridge Painting	1,950,000	500,000	450,000	200,000	200,000	200,000	200,000	200,000
Deep Run Road Bridge #152	1,325,000	250,000	50,000	1,025,000	0	0	0	0
Glen Cove Road Bridge #155	1,225,912	1,075,912	150,000	0	0	0	0	0
Glenville Road Bridge #30	1,810,000	410,000	100,000	0	1,300,000	0	0	0
Grier Nursery Road Bridge #43	2,500,000	500,000	100,000	0	1,900,000	0	0	0
Hookers Mill Road Bridge #13	2,750,000	0	100,000	2,650,000	0	0	0	0
Madonna Road Bridge #113	3,250,000	500,000	100,000	0	0	2,650,000	0	0
Scarboro Road Bridge #140	1,475,000	0	350,000	25,000	1,100,000	0	0	0
Trappe Church Road Bridge #161	1,850,000	0	500,000	50,000	0	0	1,300,000	0

Outyear Projects:

Ayres Chapel Road Bridge #116	1,400,000	0	0	400,000	25,000	975,000	0	0
Bridge Deck Replacements	1,600,000	0	0	0	600,000	1,000,000	0	0
Bridge Inspection Program - Under 20' Spans	1,175,000	350,000	0	265,000	0	275,000	0	285,000
Chestnut Hill Road Bridge #41	500,000	0	0	0	0	0	0	500,000
Cullum Road Bridge #112	400,000	0	0	0	0	0	400,000	0
Edwards Lane Culvert	975,000	0	0	0	0	0	0	975,000
Fawn Grove Road Bridge #132	1,735,000	10,000	0	0	350,000	50,000	1,325,000	0
Hess Road Bridge #81	550,000	0	0	0	0	500,000	50,000	0
Kalmia Road Bridge #223	525,000	0	0	0	0	0	500,000	25,000
Lake Fanny Road Bridge #211	400,000	0	0	0	0	0	400,000	0
Moores Road Bridge #78	2,200,000	0	0	0	500,000	50,000	0	1,650,000
Rush Road Bridge #97	425,000	0	0	0	400,000	25,000	0	0
St. Clair Road Bridge #100	2,425,000	0	0	0	0	500,000	25,000	1,900,000
Stafford Road Bridge #19	500,000	0	0	0	0	0	0	500,000
Stafford Road Bridge #162	1,425,000	0	0	400,000	25,000	0	1,000,000	0
Structural Evaluation	770,000	520,000	0	50,000	50,000	50,000	50,000	50,000

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FY 2023	FIVE YEAR CAPITAL PROGRAM				
			YEAR FY 2022		FY 2024	FY 2025	FY 2026	FY 2027	
HIGHWAYS FUND									
BRIDGES									
<u>Open Projects:</u>									
Bridge Inspection Program	3,640,000	3,640,000	0	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	2,065,000	0	0	0	0	0	0	0
Culvert Rehabilitation	4,730,000	4,730,000	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	1,450,000	1,450,000	0	0	0	0	0	0	0
Stafford Road Bridge #24	3,405,000	3,405,000	0	0	0	0	0	0	0
Bridges Total by Project	79,935,912	33,160,912	7,950,000	7,165,000	9,150,000	7,275,000	8,150,000	7,085,000	
Paygo	32,364,762	17,619,762	700,000	1,595,000	2,725,000	2,850,000	3,430,000	3,445,000	
Prior Paygo	0	0	0	0	0	0	0	0	
Future Bonds	9,130,000	0	2,470,000	3,130,000	1,765,000	1,505,000	260,000	0	
Prior Bonds	4,648,912	4,648,912	0	0	0	0	0	0	
Reappropriated	69,238	69,238	0	0	0	0	0	0	
Federal	33,723,000	10,823,000	4,780,000	2,440,000	4,660,000	2,920,000	4,460,000	3,640,000	
Bridges Total by Fund	79,935,912	33,160,912	7,950,000	7,165,000	9,150,000	7,275,000	8,150,000	7,085,000	

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
HIGHWAYS FUND													
HIGHWAYS													
BRIDGES													
Abingdon Road Bridge #169 over CSX	3,400,000	0	0	0	680,000	0	0	0	0	0	0	2,720,000	0
Boggs Road Bridge #66	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Bridge and Culvert Rehabilitation	850,000	0	0	0	850,000	0	0	0	0	0	0	0	0
Bridge and Road Scour Repairs	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Bridge Inspection Program - Over 20' Spans	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000	0
Bridge Painting	450,000	0	450,000	0	0	0	0	0	0	0	0	0	0
Deep Run Road Bridge #152	50,000	0	0	0	50,000	0	0	0	0	0	0	0	0
Glen Cove Road Bridge #155	150,000	0	0	0	150,000	0	0	0	0	0	0	0	0
Glenville Road Bridge #30	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Grier Nursery Road Bridge #43	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Hookers Mill Road Bridge #13	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Madonna Road Bridge #113	100,000	0	0	0	60,000	0	0	0	0	0	0	40,000	0
Scarboro Road Bridge #140	350,000	0	0	0	350,000	0	0	0	0	0	0	0	0
Trappe Church Road Bridge #161	500,000	0	0	0	100,000	0	0	0	0	0	0	400,000	0
SUB-TOTAL BRIDGES	7,950,000	0	700,000	0	2,470,000	0	0	0	0	0	0	4,780,000	0

PROJECT: Abingdon Road Bridge #169 over CSX

HIGHWAYS - BRIDGES

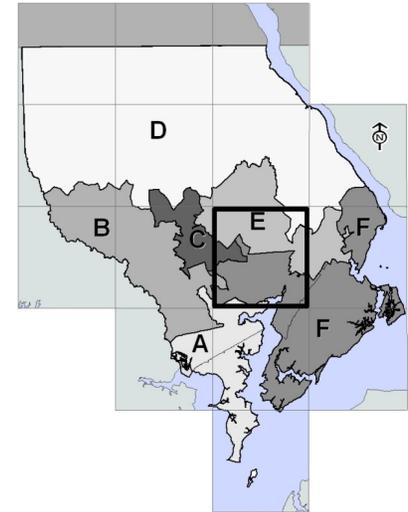
COUNCIL DISTRICT: F

LOCATION: Abingdon

H104501

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace existing bridge over CSX. This project is eligible for Federal Funds. The bridge's deck is in poor condition and the beams are deteriorating and need to be replaced. The project will be innovative in that ABC/PBES (Accelerated Bridge Construction / Pre-fabricated Bridge Element Systems) will be utilized. This project is eligible for Federal funding.



This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

- FY18 - Design Revisions to Address CSX Requirements
- FY19 - Utilities & R/W
- FY20 - Add'l Design Revisions to address ABC/PBES Construction & Utility Relocations
- FY22/23 - Construction

PROJECT STATUS:

Design approximately 40% complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	820,000		820,000						820,000
Land Acquisition	360,000		360,000						360,000
Construction	650,000	3,300,000	3,950,000						3,950,000
Inspection Fees		100,000	100,000						100,000
Equipment/Furnishing			0						0
Total Cost	1,830,000	3,400,000	5,230,000	0	0	0	0	0	5,230,000

FUNDING SCHEDULE

R8750 Paygo	240,762		240,762						240,762
R3140 Federal TEA-21	1,270,000	2,720,000	3,990,000						3,990,000
R8770 Reappropriated	69,238		69,238						69,238
R7100 Prior Bonds	250,000		250,000						250,000
R7000 Future Bonds		680,000	680,000						680,000
			0						0
Total Funds	1,830,000	3,400,000	5,230,000	0	0	0	0	0	5,230,000

Est. Annual Debt Service Cost
\$18,600

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/21/22:
Expended 677,535
Encumbered 26,549
Total \$704,084

PROJECT: Boggs Road Bridge #66

HIGHWAYS - BRIDGES

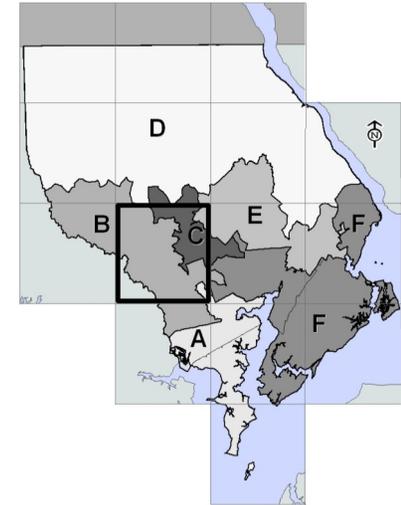
COUNCIL DISTRICT: B

LOCATION: Fallston

H214501

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to replace the bridge that carries Boggs Road over Long Branch. The existing bridge is a single lane, steel beam, concrete deck structure with bituminous concrete surfacing that is posted for 13 tons. The two lane approach road on both ends of the single lane bridge are in horizontal curves that restrict sight distance across the bridge. The existing area is developing rapidly and is not able to carry the expected heavier traffic volumes. It is not abutments. possible to place a two lane deck on the existing narrow abutments.



This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

- FY21 - Design
- FY22 - R/W & Permits
- FY23 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	250,000	30,000	280,000						280,000
Land Acquisition		20,000	20,000						20,000
Construction			0	1,000,000					1,000,000
Inspection Fees			0	100,000					100,000
Equipment/Furnishing			0						0
Total Cost	250,000	50,000	300,000	1,100,000	0	0	0	0	1,400,000

FUNDING SCHEDULE

R7000 Future Bonds		50,000	50,000	1,100,000					1,150,000
R7100 Prior Bonds	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	50,000	300,000	1,100,000	0	0	0	0	1,400,000

Est. Annual Debt Service Cost
\$6,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity 3/22/21:

Expended	5,523
Encumbered	244,437
Total	\$249,960

PROJECT: Bridge and Culvert Rehabilitation

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H054502

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY21 - Construction on Linkous #133, Troyer #103, West Chapel #17 and Bailey Road Br. #91

FY22 - Repairs to Red Bridge #110 and various other improvements

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,070,000	125,000	1,195,000	125,000	125,000	125,000	125,000	125,000	1,820,000
Land Acquisition			0						0
Construction	3,825,000	650,000	4,475,000	550,000	550,000	550,000	550,000	550,000	7,225,000
Inspection Fees	455,000	75,000	530,000	75,000	75,000	75,000	75,000	75,000	905,000
Equipment/Furnishing			0						0
Total Cost	5,350,000	850,000	6,200,000	750,000	750,000	750,000	750,000	750,000	9,950,000

FUNDING SCHEDULE

R8750 Paygo	5,350,000		5,350,000	750,000	750,000	750,000	750,000	750,000	9,100,000
R7000 Future Bonds		850,000	850,000						850,000
			0						0
			0						0
			0						0
			0						0
Total Funds	5,350,000	850,000	6,200,000	750,000	750,000	750,000	750,000	750,000	9,950,000

Est. Annual Debt Service Cost
\$17,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial activity as of 3/22/21:
Expended 2,850,000
Encumbered 54,632
Total \$2,904,632

PROJECT: Bridge & Road Scour Repairs

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H064501

PROJECT DESCRIPTION / JUSTIFICATION:

Most of the bridges in the County cross over streams and there are many roads that were built adjacent to streams as well as crossing over streams. All of these are vulnerable to the cumulative damage from small storms and the severe damage from major storms. The damage includes the undermining of bridge abutments and piers and the removal of road bed material from the stream/road banks. Severe damage can lead to bridge failure or road closure. These funds will be used to design and install scour countermeasures to rebuild or repair damaged areas or to protect areas that are vulnerable to future stream scour.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future needs of the County.

PROJECT SCHEDULE:

FY21 - Ongoing Program - McFadden Road Bridge #134
 FY22 - Rock Station Road

PROJECT STATUS:

Various projects are continuously being designed & constructed under this account.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	145,000	30,000	175,000	30,000	30,000	30,000	30,000	30,000	325,000
Land Acquisition	5,000		5,000						5,000
Construction	1,680,000	200,000	1,880,000	200,000	200,000	200,000	200,000	200,000	2,880,000
Inspection Fees	145,000	20,000	165,000	20,000	20,000	20,000	20,000	20,000	265,000
Equipment/Furnishing			0						0
Total Cost	1,975,000	250,000	2,225,000	250,000	250,000	250,000	250,000	250,000	3,475,000

FUNDING SCHEDULE

R8750 Paygo	1,975,000	250,000	2,225,000	250,000	250,000	250,000	250,000	250,000	3,475,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,975,000	250,000	2,225,000	250,000	250,000	250,000	250,000	250,000	3,475,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,714,998
 Encumbered 49,806
Total \$1,764,804

PROJECT: Bridge Inspection Program - Over 20' Spans

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H184501

PROJECT DESCRIPTION / JUSTIFICATION:

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 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.

PROJECT SCHEDULE:

- FY21 - Annual Analysis of Older Structures
- FY22 - Biennial Analysis of all bridges over 20'



PROJECT STATUS:

Design is continuous and based on the year as to whether we are inspecting bridges with spans over 20' or bridges with spans under 20'.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,500,000	1,500,000	3,000,000		1,700,000		1,900,000		6,600,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	1,500,000	1,500,000	3,000,000	0	1,700,000	0	1,900,000	0	6,600,000

FUNDING SCHEDULE

R3140 Federal TEA-21	1,400,000	1,500,000	2,900,000		1,700,000		1,900,000		6,500,000
R8750 Paygo	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,500,000	1,500,000	3,000,000	0	1,700,000	0	1,900,000	0	6,600,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,071,182
 Encumbered 0
 Total \$1,071,182

PROJECT: Bridge Painting

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H144501

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funding to paint bridges in Harford County. This preventative maintenance project will help to conserve future County resources by extending the life of the existing bridges and forestalling expensive replacement costs. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY22 - Estimated 7-10 bridges to be painted

PROJECT STATUS:

Various projects are continuously being designed & constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2026	
Engineering/Design	15,000	10,000	25,000	5,000	5,000	5,000	5,000	5,000	50,000
Land Acquisition			0						0
Construction	445,000	400,000	845,000	175,000	175,000	175,000	175,000	175,000	1,720,000
Inspection Fees	40,000	40,000	80,000	20,000	20,000	20,000	20,000	20,000	180,000
Equipment/Furnishing			0						0
Total Cost	500,000	450,000	950,000	200,000	200,000	200,000	200,000	200,000	1,950,000

FUNDING SCHEDULE

R8750 Paygo	500,000	450,000	950,000	200,000	200,000	200,000	200,000	200,000	1,950,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	450,000	950,000	200,000	200,000	200,000	200,000	200,000	1,950,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 489,508
 Encumbered 0
 Total \$489,508

PROJECT: Deep Run Road Bridge #152

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

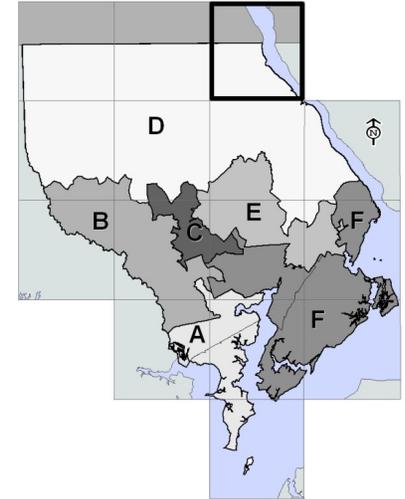
LOCATION: Whiteford

H214503

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Deep Run Road over Deep Run. The existing bridge has a deteriorated deck and superstructure. Plans are currently for a complete reconstruction of the bridge and abutments.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

- FY21 - Design
- FY22 - R/W & Permits
- FY24 - Construction

PROJECT STATUS:

Not currently funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	250,000	30,000	280,000						280,000
Land Acquisition		20,000	20,000						20,000
Construction			0	950,000					950,000
Inspection Fees			0	75,000					75,000
Equipment/Furnishing			0						0
Total Cost	250,000	50,000	300,000	1,025,000	0	0	0	0	1,325,000

FUNDING SCHEDULE

R7000 Future Bonds		50,000	50,000	1,025,000					1,075,000
R7100 Prior Bonds	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	50,000	300,000	1,025,000	0	0	0	0	1,325,000

Est. Annual Debt Service Cost
\$6,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity 3/22/21:

Expended	1,736
Encumbered	233,153
Total	\$234,889

PROJECT: Glen Cove Road Bridge #155

HIGHWAYS - BRIDGES

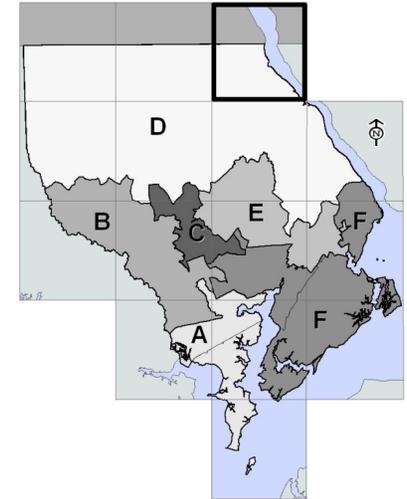
COUNCIL DISTRICT: D

LOCATION: Dublin

H214504

PROJECT DESCRIPTION / JUSTIFICATION:

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.



This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY19 - Design through on-call consultants
 FY21/22 - Construction

PROJECT STATUS:

\$180,912 in prior bonds were reallocated here from New Park Road Bridge #125 and Green Road Bridge #119 and #122 capital projects

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition	50,000		50,000						50,000
Construction	950,912	150,000	1,100,912						1,100,912
Inspection Fees	75,000		75,000						75,000
Equipment/Furnishing			0						0
Total Cost	1,075,912	150,000	1,225,912	0	0	0	0	0	1,225,912

FUNDING SCHEDULE

R7100 Future Bonds		150,000	150,000						150,000
R7100 Prior Bonds	1,075,912		1,075,912						1,075,912
			0						0
			0						0
			0						0
Total Funds	1,075,912	150,000	1,225,912	0	0	0	0	0	1,225,912

Est. Annual Debt Service Cost
 \$24,518

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity 3/22/21:

Expended	0
Encumbered	71,250
Total	\$71,250

PROJECT: Glenville Road Bridge #30

HIGHWAYS - BRIDGES

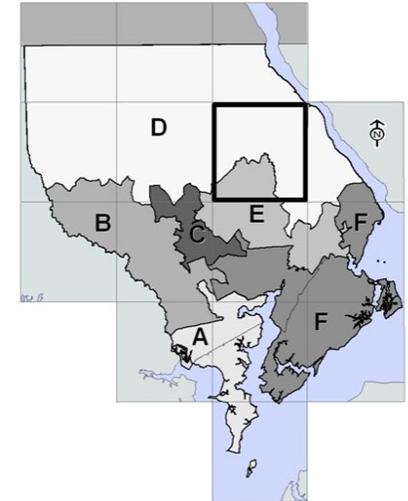
COUNCIL DISTRICT: MULTIPLE

LOCATION: Churchville

H164501

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Glenville Road over Mill Brook. The existing bridge is a single lane, steel beam, concrete deck structure. The existing concrete deck, exterior beams, and wingwalls are severely deteriorated and there is evidence of scour under the western abutment.



This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

- FY18 - Design
- FY22 - R/W
- FY24 - Utility Relocation & Construction

PROJECT STATUS:

Design has been initiated

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	410,000	50,000	460,000						460,000
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	410,000	100,000	510,000	0	1,300,000	0	0	0	1,810,000

FUNDING SCHEDULE

R8710 Paygo	300,000		300,000						300,000
R3140 Federal TEA-21	110,000	40,000	150,000		1,040,000				1,190,000
R7000 Future Bonds		60,000	60,000		260,000				320,000
			0						0
			0						0
Total Funds	410,000	100,000	510,000	0	1,300,000	0	0	0	1,810,000

Est. Annual Debt Service Cost
\$1,200

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 13,752
 Encumbered 68,595
 Total \$82,347

PROJECT: Grier Nursery Road Bridge #43

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

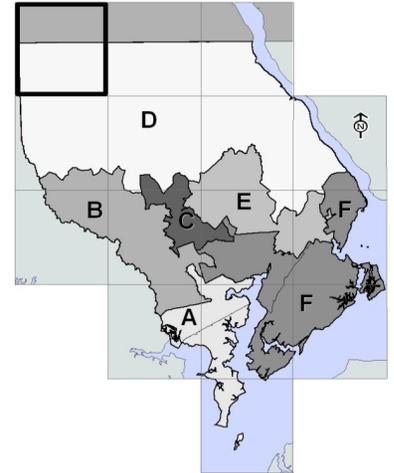
LOCATION: Norrisville

H204520

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

- FY20 - Design
- FY22 - R/W
- FY24 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	500,000	50,000	550,000						550,000
Land Acquisition		50,000	50,000						0
Construction			0		1,800,000				1,800,000
Inspection Fees			0		100,000				100,000
Equipment/Furnishing			0						0
Total Cost	500,000	100,000	600,000	0	1,900,000	0	0	0	2,500,000

FUNDING SCHEDULE

R8750 Paygo	100,000		100,000						100,000
R3140 Federal Aid	400,000	40,000	440,000		1,520,000				1,960,000
R7000 Future Bonds		60,000	60,000		380,000				440,000
			0						0
			0						0
			0						0
Total Funds	500,000	100,000	600,000	0	1,900,000	0	0	0	2,500,000

Est. Annual Debt Service Cost
\$1,200

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 38,813
 Encumbered 50,384
 Total \$89,197

PROJECT: Hookers Mill Road Bridge #13

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: B

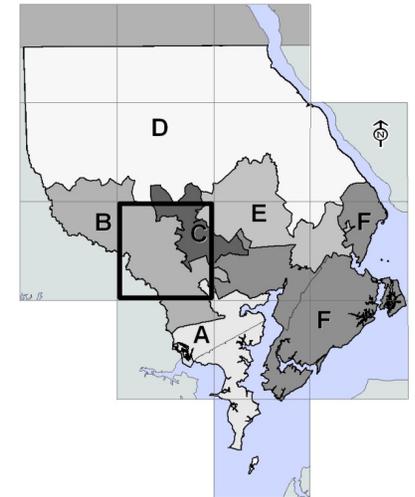
LOCATION: Forest Hill

H224501

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

- FY20 - Design
- FY22 - R/W & Permits
- FY23 - Construction

PROJECT STATUS:

Design complete, ROW acquisition in progress

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		50,000	50,000						50,000
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	0	100,000	100,000	2,650,000	0	0	0	0	2,750,000

FUNDING SCHEDULE

R7000 Future Bonds		60,000	60,000	530,000					590,000
R3140 Federal Aid		40,000	40,000	2,120,000					2,160,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	100,000	100,000	2,650,000	0	0	0	0	2,750,000

Est. Annual Debt Service Cost
\$1,200

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended
Encumbered
Total \$0

PROJECT: Madonna Road Bridge #113

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

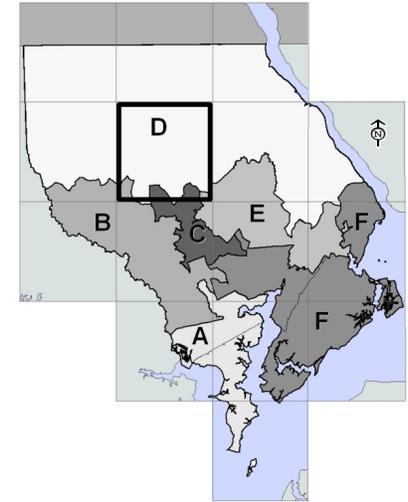
LOCATION: Hickory

H214505

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

- FY21 - Design, R/W & Permits
- FY22 - R/W
- FY25 - Construction

PROJECT STATUS:

Design complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	500,000	50,000	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	500,000	100,000	600,000	0	0	2,650,000	0	0	3,250,000

FUNDING SCHEDULE

R3140 Federal TEA-21	400,000	40,000	440,000			2,120,000			2,560,000
R7000 Future Bonds		60,000	60,000			530,000			590,000
R7100 Prior Bonds	100,000		100,000						100,000
			0						0
			0						0
Total Funds	500,000	100,000	600,000	0	0	2,650,000	0	0	3,250,000

Est. Annual Debt Service Cost
\$3,200

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Scarboro Road Bridge #140

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

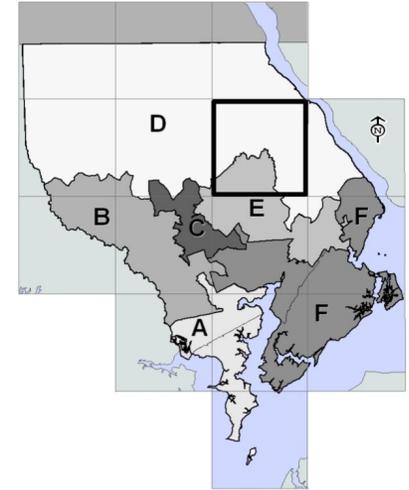
LOCATION: Scarboro

H224502

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Scarboro Road over a tributary to Deer Creek. The existing bridge is undersized and has significant deterioration in the deck and beams. The proposed bridge will completely replace the existing structure.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

- FY 22 - Design
- FY 23 - Right of Ways and Permits
- FY 24 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		350,000	350,000						350,000
Land Acquisition			0	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	0	350,000	350,000	25,000	1,100,000	0	0	0	1,475,000

FUNDING SCHEDULE

R7000 Future Bonds		350,000	350,000	25,000	1,100,000				1,475,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	350,000	350,000	25,000	1,100,000	0	0	0	1,475,000

Est. Annual Debt Service Cost
\$7,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	0
Encumbered	0
Total	\$0

PROJECT: Trappe Church Road Br. #161

HIGHWAYS - BRIDGES

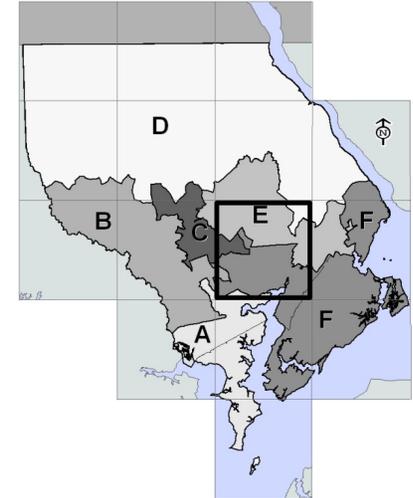
COUNCIL DISTRICT: E

LOCATION: Darlington

H224503

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

- FY22 - Design
- FY 23 - Right of way and permits
- FY 26 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		500,000	500,000						500,000
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	0	500,000	500,000	50,000	0	0	1,300,000	0	1,850,000

FUNDING SCHEDULE

R7000 Future Bonds		100,000	100,000	50,000			260,000		410,000
R3140 Federal TEA-21		400,000	400,000				1,040,000		1,440,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	500,000	500,000	50,000	0	0	1,300,000	0	1,850,000

Est. Annual Debt Service Cost
\$2,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
Expended
Encumbered
Total \$0

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: Ayres Chapel Road Bridge #116

HIGHWAYS - BRIDGES

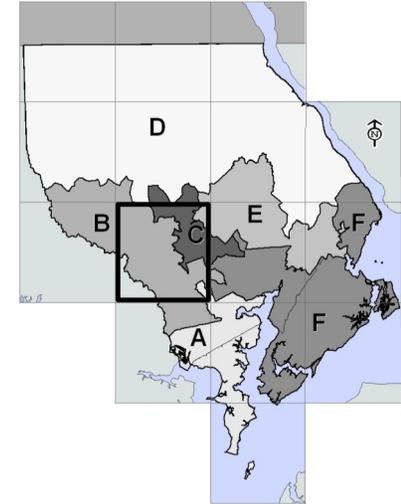
COUNCIL DISTRICT: D

LOCATION: Fallston

HNE4501

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the Ayres Chapel Road Bridge #116 over Jackson Branch.



PROJECT SCHEDULE:

- FY23 - Design
- FY24 - Right of Way & Permits
- FY25 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0	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	0	0	400,000	25,000	975,000	0	0	1,400,000

FUNDING SCHEDULE

R7000 Future Bonds			0	400,000	25,000	975,000			1,400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	400,000	25,000	975,000	0	0	1,400,000

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	\$0

PROJECT: Bridge Deck Replacements

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

HNE4502

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for the design and replacement of dereriorated corrugated metal bridge decks throughout the County. Structures scheduled for deck replacement include Knopp Road Bridge #96 and Ward Road Bridge #42

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future needs of the County.



PROJECT SCHEDULE:

FY24 - Design

PROJECT STATUS:

This project is not currently funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0		600,000				600,000
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	600,000	1,000,000	0	0	1,600,000

FUNDING SCHEDULE

R8750 Paygo			0		600,000	1,000,000			1,600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	600,000	1,000,000	0	0	1,600,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
Expended
Encumbered
Total

_____ **\$0**

PROJECT: Bridge Inspection Program - Under 20' Spans

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H204519

PROJECT DESCRIPTION / JUSTIFICATION:

This program provides funding for the inspection of bridges in Harford County. The bridges under 20' are inspected every two years (even fiscal years) using County funding. The bridge inspection data is analyzed to develop priorities for bridge repairs and replacements. As of September, 2018, 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.



PROJECT SCHEDULE:

FY21 - Biennial Inspection of all bridges under 20'

FY22 - Inspection of bridges under 20' that require annual inspections

PROJECT STATUS:

Design is continuous and based on the year as to whether we are inspecting bridges with spans over 20' or bridges with spans under 20'.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	350,000		350,000	265,000		275,000		285,000	1,175,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	350,000	0	350,000	265,000	0	275,000	0	285,000	1,175,000

FUNDING SCHEDULE

R8750 Paygo	350,000		350,000	265,000		275,000		285,000	1,175,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	265,000	0	275,000	0	285,000	1,175,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 52,959
 Encumbered 27,991
 Total 80,950

PROJECT: Chestnut Hill Road Bridge #41

HIGHWAYS - BRIDGES

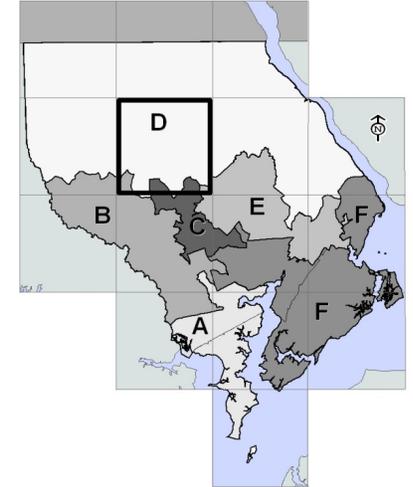
COUNCIL DISTRICT:

LOCATION:

HNE2201

PROJECT DESCRIPTION / JUSTIFICATION:

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 single unit vehicles and 46,000 lbs for combination vehicles. 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.



PROJECT SCHEDULE:

FY27 - Design

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0					500,000	500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	500,000	500,000

FUNDING SCHEDULE

R3140 Federal TEA-21			0					400,000	400,000
R8750 Paygo			0					100,000	100,000
			0						0
			0						0
			0						0
Total Funds	0	500,000	500,000						

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended
Encumbered
Total \$0

PROJECT: Cullum Road Bridge #112

HIGHWAYS - BRIDGES

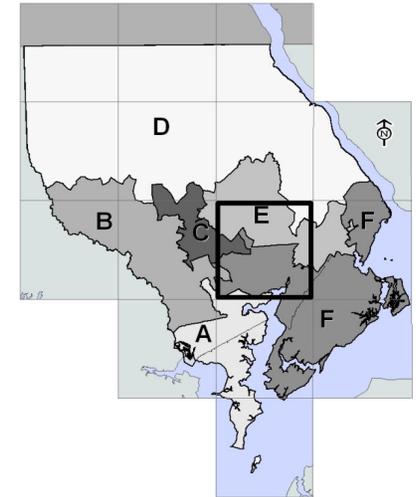
COUNCIL DISTRICT:

LOCATION:

HNE2202

PROJECT DESCRIPTION / JUSTIFICATION:

This project will be for the rehabilitation of the Cullum Road Bridge 12 over tributary to James Run. The project is to replace the bridge superstructure which currently consists of a 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.



PROJECT SCHEDULE:

FY26 - Design

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0				400,000		400,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	400,000	0	400,000

FUNDING SCHEDULE

R3140 Federal TEA-21			0				320,000		320,000
R8750 Paygo			0				80,000		80,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	400,000	0	400,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
Expended
Encumbered
Total \$0

PROJECT: Edwards Lane Culvert

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: E

LOCATION: Churchville

HNE4504

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the existing culvert on Edwards Lane approximately 1/4 mile east of Schucks Road. The existing culvert is deteriorating and undersized. The road in the immediate vicinity of the culvert is poorly aligned with inadequate drainage. This segment of road 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.



PROJECT SCHEDULE:

FY 27 - Utility Relocation and Construction

PROJECT STATUS:

Design Complete - right of way acquired

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0					900,000	900,000
Inspection Fees			0					75,000	75,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	975,000	975,000

FUNDING SCHEDULE

R8750 Paygo			0					975,000	975,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	975,000	975,000						

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
Expended
Encumbered
Total

\$0

PROJECT: Fawn Grove Road Bridge #132

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

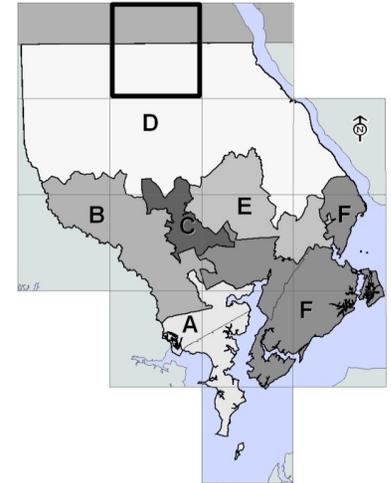
LOCATION: Pylesville

H144502

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to replace the bridge that carries Fawn Grove Road over a tributary of Deer Creek. The existing bridge is a single lane bridge on a rural collector roadway. It is narrow and very poorly aligned with the road, with a severe horizontal curve on the north side of the bridge. The bridge is also poorly aligned with the stream, requiring prior scour repairs to keep the bridge in service. The proposed bridge will widen the existing bridge and better align it with the approach roadways and stream.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

- FY24 - Design
- FY25 - R/W & Permits
- FY26 - Construction

PROJECT STATUS:

Not currently funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	10,000		10,000		350,000				360,000
Land Acquisition						50,000			50,000
Construction							1,250,000		1,250,000
Inspection Fees							75,000		75,000
Equipment/Furnishing									0
Total Cost	10,000	0	10,000	0	350,000	50,000	1,325,000	0	1,735,000

FUNDING SCHEDULE

R8750 Paygo	10,000		10,000		350,000	50,000	1,325,000		1,735,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
Total Funds	10,000	0	10,000	0	350,000	50,000	1,325,000	0	1,735,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 5,467
 Encumbered 0
 Total \$5,467

PROJECT: Hess Road Bridge #81

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

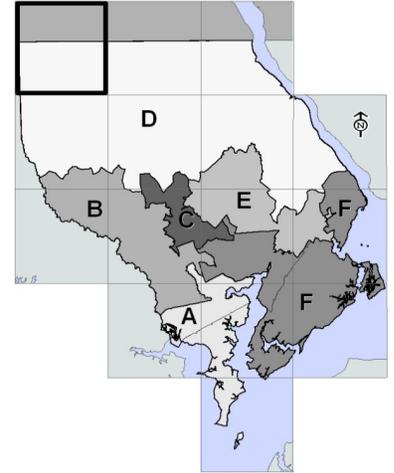
LOCATION:

HNE4505

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY25 - Design

FY26 - R/W

Outyears - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0			500,000			500,000
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	500,000	50,000	0	550,000

FUNDING SCHEDULE

R8750 Paygo			0			100,000	50,000		150,000
R3140 Federal TEA-21			0			400,000			400,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	500,000	50,000	0	550,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended

Encumbered

Total

\$0

PROJECT: Kalmia Road Bridge #223

HIGHWAYS - BRIDGES

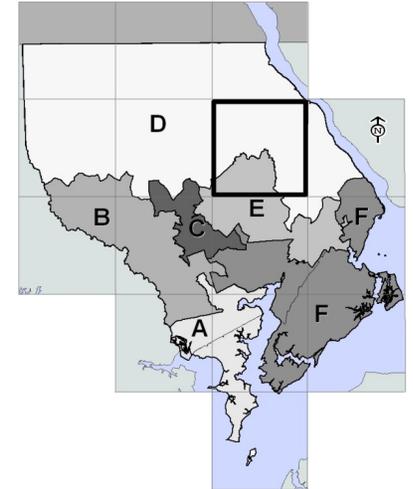
COUNCIL DISTRICT:

LOCATION:

HNE2203

PROJECT DESCRIPTION / JUSTIFICATION:

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.
 This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY26 - Design
 FY27 - Right of way & Permits
 Outyears - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0				500,000		500,000
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	500,000	25,000	525,000

FUNDING SCHEDULE

R3140 Federal TEA-21			0				400,000		400,000
R8750 Paygo			0				100,000	25,000	125,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	500,000	25,000	525,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
 Expended
 Encumbered
 Total \$0

PROJECT: Lake Fanny Road Bridge #211

HIGHWAYS - BRIDGES

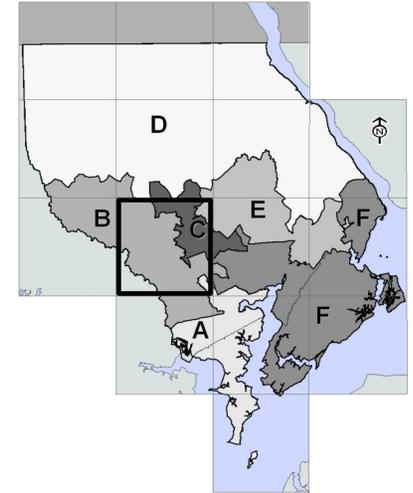
COUNCIL DISTRICT: B

LOCATION: Bel Air

HNE2204

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY26 - Design

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0				400,000		400,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	400,000	0	400,000

FUNDING SCHEDULE

R8750 Paygo			0				400,000		400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	400,000	0	400,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended
Encumbered
Total \$0

PROJECT: Moores Road Bridge #78

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: B

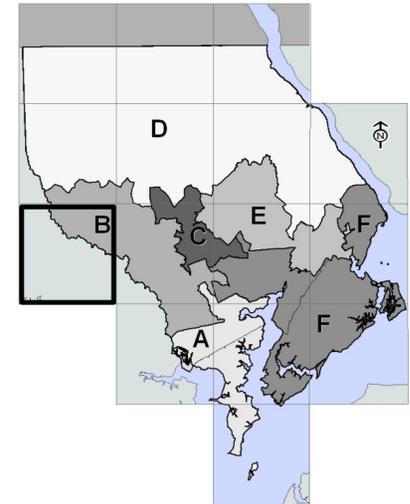
LOCATION: Upper Crossroads

HNE4507

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Moores Road over a tributary to Gunpowder Falls. The existing bridge is situated in a sharp curve and is very narrow. The wingwalls, deck and beams are also deteriorating. Current proposals call for replacing the entire structure and realigning the approach roadways for improved safety.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

- FY24 - Design
- FY23 - R/W & Permits
- Outyears - Construction

PROJECT STATUS:

Not currently funded.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0		500,000				500,000
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	0	500,000	50,000	0	1,650,000	2,200,000

FUNDING SCHEDULE

R8750 Paygo			0		100,000	50,000		330,000	480,000
R3140 Federal TEA-21			0		400,000			1,320,000	1,720,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	500,000	50,000	0	1,650,000	2,200,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity
Expended
Encumbered
Total \$0

PROJECT: Rush Road Bridge #97

HIGHWAYS - BRIDGES

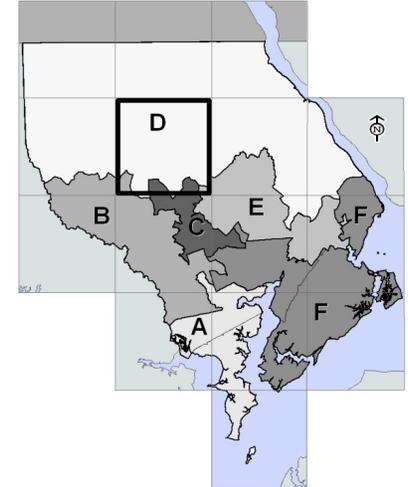
COUNCIL DISTRICT: D

LOCATION: Jarrettsville

HNE2206

PROJECT DESCRIPTION / JUSTIFICATION:

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. New bridge would eliminate posting and provide 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.



PROJECT SCHEDULE:

- FY24 - Design
- FY25 - Right of way & Permits

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	400,000	25,000	0	0	425,000

FUNDING SCHEDULE

R8750 Paygo			0		400,000	25,000			425,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	400,000	25,000	0	0	425,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of
Expended
Encumbered
Total \$0

PROJECT: St. Clair Road Bridge #100

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

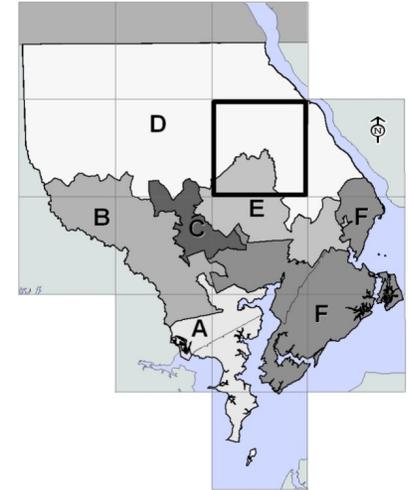
LOCATION: Street

HNE4509

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

- FY 25 - Design
- FY 26 - R/W & Construction
- FY 27 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0			500,000			500,000
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	0	500,000	25,000	1,900,000	2,425,000

FUNDING SCHEDULE

R8750 Paygo			0			100,000	25,000	380,000	505,000
R3140 Federal TEA-21			0			400,000		1,520,000	1,920,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	500,000	25,000	1,900,000	2,425,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	0
Encumbered	0
Total	\$0

PROJECT: Stafford Road Bridge #19

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

LOCATION: Darlington

HNE4510

PROJECT DESCRIPTION/JUSTIFICATION

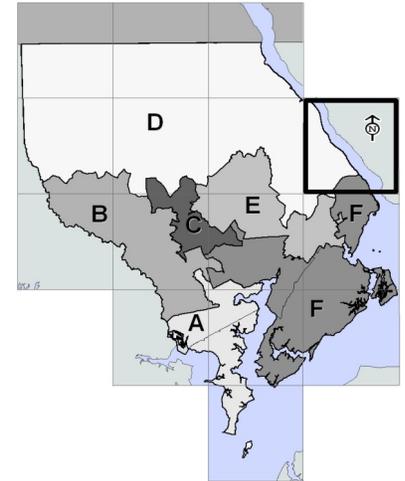
This bridge carries Stafford Road over Herring Run. The bridge is under-designed and needs upgraded beams and abutment to carry all legal loads. Additionally, the abutment is deteriorated and needs to be reconstructed. The project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

Project Schedule:

FY27 - Design

Project Status:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0					500,000	500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	500,000	500,000

FUNDING SCHEDULE

R8750 Paygo			0					100,000	100,000
R3140 Federal Aid			0					400,000	400,000
			0						0
			0						0
			0						0
Total Funds	0	500,000	500,000						

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	0
Encumbered	0
Total	\$0

PROJECT: Stafford Road Bridge #162

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

LOCATION: Darlington

HNE4511

PROJECT DESCRIPTION/JUSTIFICATION

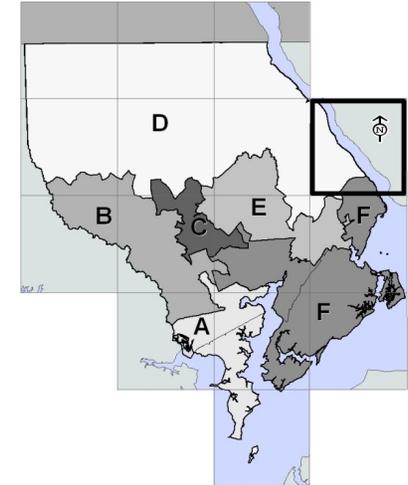
This bridge carries Stafford Road over Buck Branch and has a deteriorated deck and beams. The project is planned to replace the bridge superstructure and upgrade the abutments. The project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

Project Schedule:

- FY23 - Design
- FY24 - Utilities & Design Revisions
- FY26 - Construction

Project Status:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	400,000	25,000	0	1,000,000	0	1,425,000

FUNDING SCHEDULE

R8750 Paygo			0	80,000	25,000		200,000		305,000
R3140 Federal Aid			0	320,000			800,000		1,120,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	400,000	25,000	0	1,000,000	0	1,425,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	0
Encumbered	0
Total	\$0

PROJECT: Structural Evaluation

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H974515

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides readily available consultant services to design repairs for bridges and miscellaneous structures. The consultant will prepare plans for construction by contractors or in-house forces. The cost of individual projects will be negotiated based on set contract costs and personnel.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	520,000		520,000	50,000	50,000	50,000	50,000	50,000	770,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	520,000	0	520,000	50,000	50,000	50,000	50,000	50,000	770,000

FUNDING SCHEDULE

R8750 Paygo	520,000		520,000	50,000	50,000	50,000	50,000	50,000	770,000
			0						0
			0						0
			0						0
			0						0
Total Funds	520,000	0	520,000	50,000	50,000	50,000	50,000	50,000	770,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 406,282
Encumbered 0
Total \$406,282

OPEN/ACTIVE PROJECTS

PROJECT: Bridge Inspection Program

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

HIGHWAYS - BRIDGES

H054501

PROJECT DESCRIPTION / JUSTIFICATION:

This program provides funding for the inspection of bridges in Harford County. The bridges under 20' are inspected every two years (even fiscal years) using County funding. The bridges over 20' are inspected every two years (odd fiscal years) using Federal funding. Federal law mandates the inspection of all bridges over 20' clear span on a two year cycle. The bridge inspection data is analyzed to develop priorities for bridge repairs and replacements. As of September 2009, the County's DPW maintains 66 under 20' long and 157 structures longer than 20'.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

PROJECT STATUS:

Design is continuous and based on the year as to whether we are inspecting over 20' span or under 20' span
Starting new project sheet for Bridge Inspection Program to update Capital project number to more current



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	3,640,000		3,640,000						3,640,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	3,640,000	0	3,640,000	0	0	0	0	0	3,640,000

FUNDING SCHEDULE

R8750 Paygo	430,000		430,000						430,000
R3140 Federal Aid	3,210,000		3,210,000						3,210,000
			0						0
			0						0
			0						0
			0						0
Total Funds	3,640,000	0	3,640,000	0	0	0	0	0	3,640,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 3,641,333
Encumbered 0
Total \$3,641,333

PROJECT: Bridge Rehabilitation

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H054502

PROJECT DESCRIPTION / JUSTIFICATION:

This project will supply funds to perform maintenance and repairs on the County's 200+ bridges. The maintenance/repairs performed under this program are mainly smaller scale repairs, designed mostly by the County's Engineering staff and constructed by either the County's in-house bridge crew or by a contractor. If, in the design process, the project becomes fairly extensive, the bridge will be broken out into a separate capital project for a future budget.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY21: Construction on Linkous #133, Troyer #103, West Chapel #17, and Bailey Bridge #91

FY22: Repairs to Red Bridge #110 and various other improvements

PROJECT STATUS:

Various projects are continuously being design & constructed under this account



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 Funds	2,850,000	0	2,850,000	0	0	0	0	0	2,850,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial activity as of 3/22/21:
 Expended 2,850,000
 Encumbered 54,632
 Total \$2,904,632

PROJECT: Chestnut Hill Bridge #40

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

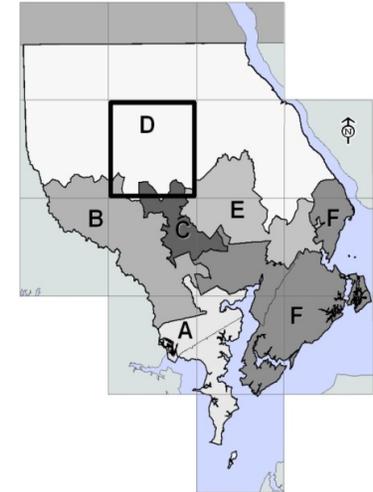
LOCATION: Hickory

H114501

PROJECT DESCRIPTION / JUSTIFICATION:

This project will replace the existing Chestnut Hill Road Bridge. The current structure is a single lane bridge with deteriorating superstructure and an inadequate waterway opening. This project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

- FY13 / 15 - Design
- FY18 - R/W
- FY19 - Utility Relocations & Construction
- FY20 - Inspections & Construction

PROJECT STATUS:

Design approximately 50% complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Aid	1,433,000		1,433,000						1,433,000
R7100 Prior Bonds	508,000		508,000						508,000
R7000 Future Bonds			0						0
			0						0
			0						0
Total Funds	2,065,000	0	2,065,000	0	0	0	0	0	2,065,000

Est. Annual Debt Service Cost
\$10,160

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 427,067
 Encumbered 4,326
Total \$431,393

PROJECT: Culvert Rehabilitation

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H054506

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for the replacement/rehabilitation/repair of existing culverts, headwalls, wingwalls, etc. throughout the County.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

PROJECT STATUS:

Ongoing
Various projects are continuously being designed and constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	550,000		550,000						550,000
Land Acquisition	30,000		30,000						30,000
Construction	3,785,000		3,785,000						3,785,000
Inspection Fees	365,000		365,000						365,000
Equipment/Furnishing			0						0
Total Cost	4,730,000	0	4,730,000	0	0	0	0	0	4,730,000

FUNDING SCHEDULE

R8750 Paygo	4,730,000		4,730,000						4,730,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	4,730,000	0	4,730,000	0	0	0	0	0	4,730,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 4,685,540
Encumbered 39,310
Total \$4,724,850

PROJECT: Johnson Mill Road Bridge #45

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

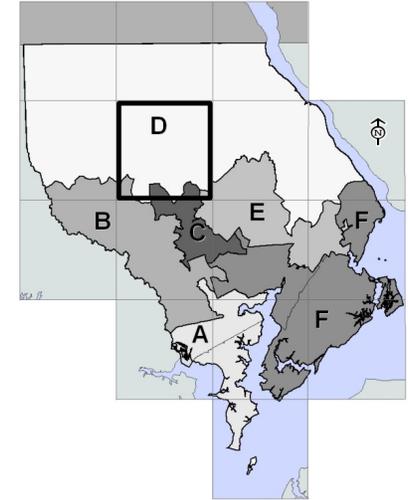
LOCATION: Hickory

H174502

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the Johnson Mill Road Bridge #45 over Stout Bottle Branch. This is a single lane structure with average daily traffic volumes of approximately 500 vehicles. The bridge railing is substandard and a part of the northwest wingwall is failing. The concrete deck and exterior beams are deteriorating resulting in a posting of 10 tons.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

- FY18 & 19 Design, R/W & Permits
- FY20 - R/W & Utility Relocations
- FY21 - Construction

PROJECT STATUS:

Design complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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

R8710 Paygo			0						0
R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
R7000 Future Bonds			0						0
			0						0
			0						0
Total Funds	1,450,000	0	1,450,000	0	0	0	0	0	1,450,000

Est. Annual Debt Service Cost
\$29,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 207,553
 Encumbered 10,360
Total \$217,913

PROJECT: Stafford Road Bridge #24

HIGHWAYS - BRIDGES

COUNCIL DISTRICT: D

LOCATION: Darlington

H154502

PROJECT DESCRIPTION/JUSTIFICATION

This bridge carries Stafford Road over Deer Creek. The bridge, built in 1950, shows numerous deficiencies and areas of deterioration. The purpose of this project is to rehabilitate the bridge to extend its useful life for another 40 years.

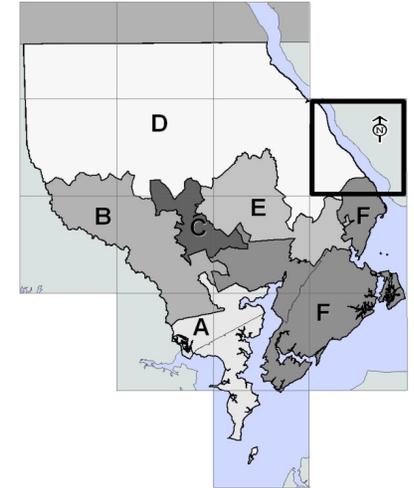
This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

Project Schedule:

- FY18 - Design
- FY20 - Utilities & Design Revisions
- FY23 - Construction

Project Status:

Design 95% Complete



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	405,000		405,000						405,000
Land Acquisition			0						0
Construction	2,900,000		2,900,000						2,900,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost	3,405,000	0	3,405,000	0	0	0	0	0	3,405,000

FUNDING SCHEDULE

R8750 Paygo	40,000		40,000						40,000
R3140 Federal Aid	2,600,000		2,600,000						2,600,000
R7100 Prior Bonds	765,000		765,000						765,000
			0						0
			0						0
			0						0
Total Funds	3,405,000	0	3,405,000	0	0	0	0	0	3,405,000

Est. Annual Debt Service Cost
\$15,300

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 395,179
 Encumbered 45,929
Total \$441,108

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM			
					FY 2024	FY 2025	FY 2026	FY 2027

HIGHWAYS FUND

ROADWAYS

FY 22 Funded Projects:

Drainage Improvements	2,275,000	1,675,000	100,000	100,000	100,000	100,000	100,000	100,000
Guardrails	1,975,000	1,075,000	150,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	6,566,728	4,516,728	150,000	380,000	380,000	380,000	380,000	380,000
New Roads and Stormdrains	4,025,000	2,825,000	200,000	200,000	200,000	200,000	200,000	200,000
Stormdrain Rehabilitation	2,791,231	1,891,231	150,000	150,000	150,000	150,000	150,000	150,000
Tollgate Road/Vale Road Corridor	1,775,000	0	200,000	450,000	200,000	0	0	925,000
Traffic Calming, Bicycle & Road Safety Improvements	1,400,000	750,000	50,000	120,000	120,000	120,000	120,000	120,000
Traffic Signals	1,219,601	409,601	135,000	135,000	135,000	135,000	135,000	135,000
Woodley Road Extension to MD 715	12,250,000	2,250,000	5,000,000	5,000,000	0	0	0	0

Outyear Projects:

Carrs Mill Road (MD152 - Grafton Shop Road)	200,000	0	0	100,000	100,000	0	0	0
Trimble Road (Joppa Road to Garnett Road)	2,375,000	25,000	0	200,000	50,000	0	2,100,000	0

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>HIGHWAYS FUND</u>													
HIGHWAYS													
ROADWAYS													
Drainage Improvements	100,000	0	100,000		0	0	0	0	0	0	0	0	0
Guardrails	150,000	0	150,000		0	0	0	0	0	0	0	0	0
Intersection Improvements	150,000	0	150,000		0	0	0	0	0	0	0	0	0
New Roads and Stormdrains	200,000	0	100,000		0	0	0	0	0	0	0	0	100,000
Stormdrain Rehabilitation	150,000	0	150,000		0	0	0	0	0	0	0	0	0
Tollgate Road/Vale Road Corridor	200,000	0	0		200,000	0	0	0	0	0	0	0	0
Traffic Calming, Bicycle & Road Safety Improvements	50,000	0	50,000		0	0	0	0	0	0	0	0	0
Traffic Signals	135,000	0	135,000		0	0	0	0	0	0	0	0	0
Woodley Road Extension to MD 715	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000	0
SUB-TOTAL ROADWAYS	6,135,000	0	835,000	0	200,000	0	0	0	0	0	0	5,000,000	100,000

PROJECT: Drainage Improvements

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H064506

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the design and construction of various solutions to address drainage problems throughout the County. Additionally, funds are included to address sump pump discharges onto County roads. These discharges create icing problems in the winter and are a continuing maintenance concern.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

This is an ongoing program.

PROJECT STATUS:

Various projects are continuously being designed & constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	100,000	10,000	110,000	10,000	10,000	10,000	10,000	10,000	160,000
Land Acquisition	22,250		22,250						22,250
Construction	1,455,000	80,000	1,535,000	80,000	80,000	80,000	80,000	80,000	1,935,000
Inspection Fees	97,750	10,000	107,750	10,000	10,000	10,000	10,000	10,000	157,750
Equipment/Furnishing			0						0
Total Cost	1,675,000	100,000	1,775,000	100,000	100,000	100,000	100,000	100,000	2,275,000

FUNDING SCHEDULE

R8750 Paygo	1,675,000	100,000	1,775,000	100,000	100,000	100,000	100,000	100,000	2,275,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,675,000	100,000	1,775,000	100,000	100,000	100,000	100,000	100,000	2,275,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,563,144
 Encumbered 0
 Total \$1,563,144

PROJECT: Guardrails

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H134508

PROJECT DESCRIPTION / JUSTIFICATION:

Safety improvements to existing County roads where steep embankments or steep ditches exist and where traffic barriers are required.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	80,000	10,000	90,000	10,000	10,000	10,000	10,000	10,000	140,000
Land Acquisition			0						0
Construction	955,000	135,000	1,090,000	135,000	135,000	135,000	135,000	135,000	1,765,000
Inspection Fees	40,000	5,000	45,000	5,000	5,000	5,000	5,000	5,000	70,000
Equipment/Furnishing			0						0
Total Cost	1,075,000	150,000	1,225,000	150,000	150,000	150,000	150,000	150,000	1,975,000

FUNDING SCHEDULE

R8750 Paygo	1,075,000	150,000	1,225,000	150,000	150,000	150,000	150,000	150,000	1,975,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,075,000	150,000	1,225,000	150,000	150,000	150,000	150,000	150,000	1,975,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 930,402
 Encumbered 0
 Total 930,402

PROJECT: Intersection Improvements

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H054507

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to improve the traffic capacity and safety at selected intersections throughout the County. Reduced levels of service on most roads is a direct result of limited capacity at the intersections. Therefore, widening or redesign of the intersection under this project can result in increased capacity and safety with decreased delay. Additionally, intersections with reduced sight distance may be corrected under this project.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY22 - Bel Air S. Pkwy & Tollgate Roundabout
 FY23 - Abingdon Road & Peverly Run Road Roundabout

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	347,500	10,000	357,500	10,000	10,000	10,000	10,000	10,000	407,500
Land Acquisition	115,000		115,000						115,000
Construction	3,716,728	140,000	3,856,728	350,000	350,000	350,000	350,000	350,000	5,606,728
Inspection Fees	337,500		337,500	20,000	20,000	20,000	20,000	20,000	437,500
Equipment/Furnishing			0						0
Total Cost	4,516,728	150,000	4,666,728	380,000	380,000	380,000	380,000	380,000	6,566,728

FUNDING SCHEDULE

R8750 Paygo	3,031,728	150,000	3,181,728	380,000	380,000	380,000	380,000	380,000	5,081,728
R6330 Developer	250,000		250,000						250,000
R7100 Prior Bonds	1,235,000		1,235,000						1,235,000
			0						0
			0						0
			0						0
Total Funds	4,516,728	150,000	4,666,728	380,000	380,000	380,000	380,000	380,000	6,566,728

Est. Annual Debt Service Cost
 \$24,700

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 3,598,412
 Encumbered 29,774
 Total \$3,628,186

PROJECT: New Roads and Stormdrains

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H134510

PROJECT DESCRIPTION / JUSTIFICATION:

As new projects are presented for approval by Public Works officials, those developers and the property owners will be required to provide funding for the engineering and construction costs to improve existing roadways, streets, storm drainage systems, and stormwater management facilities for those areas affected by the impact of new projects. On occasion, improvements to be made by developers may be augmented by improvements to be made by the County. County funded improvements would be in adjacent areas beyond the developer's responsibility, thus provided a more comprehensive improvement to the roadway.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

PROJECT STATUS:

Various projects are continuously being designed & constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
	Appropriation			FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	55,000	5,000	60,000	5,000	5,000	5,000	5,000	5,000	85,000
Land Acquisition	100,000		100,000						100,000
Construction	2,585,000	185,000	2,770,000	185,000	185,000	185,000	185,000	185,000	3,695,000
Inspection Fees	85,000	10,000	95,000	10,000	10,000	10,000	10,000	10,000	145,000
Equipment/Furnishing			0						0
Total Cost	2,825,000	200,000	3,025,000	200,000	200,000	200,000	200,000	200,000	4,025,000

FUNDING SCHEDULE

R8750 Paygo	425,000	100,000	525,000	100,000	100,000	100,000	100,000	100,000	1,025,000
R6330 Developer	2,400,000	100,000	2,500,000	100,000	100,000	100,000	100,000	100,000	3,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,825,000	200,000	3,025,000	200,000	200,000	200,000	200,000	200,000	4,025,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 1,426,828
 Encumbered 0
 Total \$1,426,828

PROJECT: Stormdrain Rehabilitation

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H064513

PROJECT DESCRIPTION / JUSTIFICATION:

Funds are to be utilized for replacement/rehabilitation/repair of existing stormdrain systems throughout the County. Additional funds are to be utilized for an inspection of the stormdrains. Due to the cost associated with inspecting all of the stormdrains in the County, the stormdrains most susceptible to deterioration will be inspected in the first phase of this analysis (i.e., corrugated metal pipes, greater than 48" in diameter and with a continuous base flow of water).



PROJECT SCHEDULE:

This program is ongoing.

PROJECT STATUS:

Various projects are continuously being design and constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	305,000	5,000	310,000	5,000	5,000	5,000	5,000	5,000	335,000
Land Acquisition			0						0
Construction	1,436,231	135,000	1,571,231	135,000	135,000	135,000	135,000	135,000	2,246,231
Inspection Fees	150,000	10,000	160,000	10,000	10,000	10,000	10,000	10,000	210,000
Equipment/Furnishing			0						0
Total Cost	1,891,231	150,000	2,041,231	150,000	150,000	150,000	150,000	150,000	2,791,231

FUNDING SCHEDULE

R8750 Paygo	1,891,231	150,000	2,041,231	150,000	150,000	150,000	150,000	150,000	2,791,231
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,891,231	150,000	2,041,231	150,000	150,000	150,000	150,000	150,000	2,791,231

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,854,722
Encumbered 0
Total \$1,854,722

PROJECT: Tollgate Road / Vale Road Corridor

HIGHWAYS - ROADS

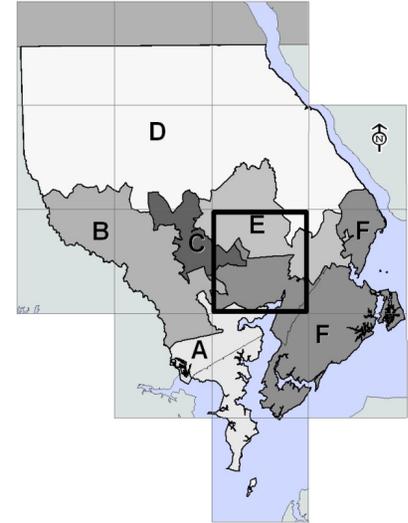
COUNCIL DISTRICT: B

LOCATION: Bel Air / Fallston

H224504

PROJECT DESCRIPTION / JUSTIFICATION:

The Tollgate Road - Vale Road corridor between Business Rt. 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 out years.



This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

- FY22: Design for Phase 1
- FY23: Construction Phase 1
- FY24: Design for Phase 2
- Outyears: Construction Phase 2

PROJECT STATUS:

New project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	200,000	200,000	450,000	200,000	0	0	925,000	1,775,000

FUNDING SCHEDULE

R7000 Future Bonds		200,000	200,000	450,000	200,000			925,000	1,775,000
			0						0
			0						0
			0						0
Total Funds	0	200,000	200,000	450,000	200,000	0	0	925,000	1,775,000

Est. Annual Debt Service Cost
\$4,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	0
Encumbered	0
Total	\$0

PROJECT: Traffic Calming, Bicycle & Road Safety Improvements

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H104513

PROJECT DESCRIPTION / JUSTIFICATION:

To reduce vehicular speeds in communities, this project will construct various "traffic calming" devices aimed at speed reduction, community beautification, and increased safety. The project will be directed at communities with fairly high traffic volumes, 85th percentile speeds greater than 10 MPH over the speed limit, small average lot sizes, and a high percentage of cut-through traffic.

With recent interest in Complete Streets and road safety in general for all users; funds are also being provided for bicycle and automobile related safety improvements.



PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Various projects are continuously being design & constructed under this account.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	80,000	5,000	85,000	10,000	10,000	10,000	10,000	10,000	135,000
Land Acquisition			0						0
Construction	595,000	40,000	635,000	100,000	100,000	100,000	100,000	100,000	1,135,000
Inspection Fees	75,000	5,000	80,000	10,000	10,000	10,000	10,000	10,000	130,000
Equipment/Furnishing			0						0
Total Cost	750,000	50,000	800,000	120,000	120,000	120,000	120,000	120,000	1,400,000

FUNDING SCHEDULE

R8750 Paygo	750,000	50,000	800,000	120,000	120,000	120,000	120,000	120,000	1,400,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	750,000	50,000	800,000	120,000	120,000	120,000	120,000	120,000	1,400,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 670,638
 Encumbered 1,141
 Total \$671,779

PROJECT: Traffic Signals

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H154505

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the construction, upgrading, and maintenance of necessary traffic signals, intersection control beacons, and flashing warning beacons on County roads. At State/County road intersections, the County is required to provide matching funds (1/3 to 1/2 dependent upon the intersection configuration) for its share of the project. One four-legged intersection costs approximately \$120,000 and intersection warning beacons (Flashers) cost approximately \$40,000.



PROJECT SCHEDULE:

FY21 - Pedestrian Crossing Flashers at various locations and traffic signal design / replacement at Joppa Farm Rd / Trimble Road

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	40,000	10,000	50,000	10,000	10,000	10,000	10,000	10,000	100,000
Land Acquisition			0						0
Construction	354,601	120,000	474,601	120,000	120,000	120,000	120,000	120,000	1,074,601
Inspection Fees	15,000	5,000	20,000	5,000	5,000	5,000	5,000	5,000	45,000
Equipment/Furnishing			0						0
Total Cost	409,601	135,000	544,601	135,000	135,000	135,000	135,000	135,000	1,219,601

FUNDING SCHEDULE

R8750 Paygo	300,000	135,000	435,000	135,000	135,000	135,000	135,000	135,000	1,110,000
R8770 Reappropriated	109,601		109,601						109,601
			0						0
			0						0
			0						0
			0						0
Total Funds	409,601	135,000	544,601	135,000	135,000	135,000	135,000	135,000	1,219,601

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 6,160
 Encumbered 0
 Total \$0

PROJECT: Woodley Road Extension to MD 715

HIGHWAYS - ROADS

COUNCIL DISTRICT: F

LOCATION: Perryman

H204523

PROJECT DESCRIPTION / JUSTIFICATION:

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 MD159 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 (approx. 11,100 feet) has already been constructed by the Eastgate development, leaving approximately 1,000' of road to complete the connection.



PROJECT SCHEDULE:

- FY20 - Design & Utility Relocation
- FY21 - Construction / Golf Course and Site Prep
- FY22 - Road Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,250,000		1,250,000						1,250,000
Land Acquisition			0						0
Construction	1,000,000	5,000,000	6,000,000	5,000,000					11,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,250,000	5,000,000	7,250,000	5,000,000	0	0	0	0	12,250,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,250,000		2,250,000						2,250,000
R7000 Future Bonds			0	5,000,000					5,000,000
R3199 Federal Other		5,000,000	5,000,000						5,000,000
			0						0
			0						0
			0						0
Total Funds	2,250,000	5,000,000	7,250,000	5,000,000	0	0	0	0	12,250,000

Est. Annual Debt Service Cost
\$45,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial activity as of 3/22/21:
 Expended 151,239
 Encumbered 1,031,062
Total \$1,182,301

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: Carrs Mill Road (MD152 - Grafton Shop Road)

HIGHWAYS - ROADS

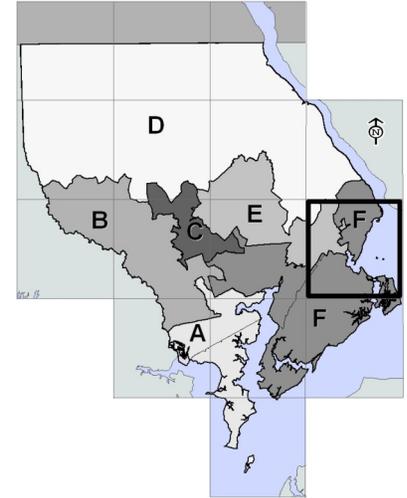
COUNCIL DISTRICT: F

LOCATION:

HNE4513

PROJECT DESCRIPTION / JUSTIFICATION:

Carrs Mill Road between MD152 and Grafton Shop Road is to be improved to adequately handle existing and projected traffic loads and to improve safety. The initial phase from MD152 to Belle Meade Road is complete. Recent 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 safety and a realignment of the intersection (s) of Vale Road with 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.

PROJECT SCHEDULE:

- FY23 - Design
- FY24 - R/W & Utilities
- Outyears - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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

R8750 Paygo			0	100,000	100,000				200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	100,000	100,000	0	0	0	200,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	0
Encumbered	0
Total	\$0

PROJECT: Trimble Road (Joppa Road to Garnett Road)

HIGHWAYS - ROADS

COUNCIL DISTRICT: A

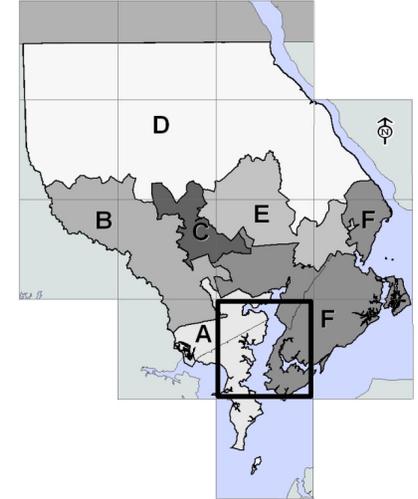
LOCATION: Joppatowne

H204522

PROJECT DESCRIPTION / JUSTIFICATION:

As the Joppatowne community continues to grow, Trimble Road is experiencing increasing traffic volumes. This project will investigate the need for safety and capacity improvements along the segment from Joppa Road to Garnett Road.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

- FY23 - Engineering
- FY24 - R/W
- FY26 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	25,000		25,000	200,000					225,000
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	0	25,000	200,000	50,000	0	2,100,000	0	2,375,000

FUNDING SCHEDULE

R8750 Paygo	25,000		25,000	200,000	50,000		2,100,000		2,375,000
			0						0
			0						0
			0						0
			0						0
Total Funds	25,000	0	25,000	200,000	50,000	0	2,100,000	0	2,375,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 0
 Encumbered 0
 Total \$0

OPEN/ACTIVE PROJECTS

PROJECT: Landis Circle - Foxborough Farms

HIGHWAYS - ROADS

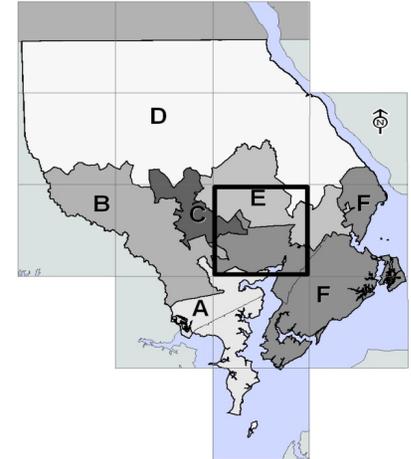
COUNCIL DISTRICT: E

LOCATION: Bel Air

H154504

PROJECT DESCRIPTION / JUSTIFICATION:

To convert Landis Circle from a private road to a County Road. Funds will be required for pavement, stormdrain, curb, etc. to meet County standards.



PROJECT SCHEDULE:

PROJECT STATUS:

Petition received from residents, public meeting held, received document with residents acknowledging that they are responsible for improvements.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	320,000		320,000						320,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost	350,000	0	350,000	0	0	0	0	0	350,000

FUNDING SCHEDULE

R6999 Other	350,000		350,000						350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	0	0	0	350,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	255,377
Encumbered	0
Total	\$255,377

PROJECT: Moores Mill Road

HIGHWAYS - ROADS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Bel Air

H984519

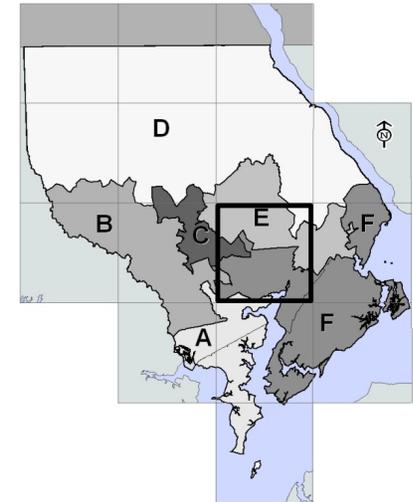
PROJECT DESCRIPTION / JUSTIFICATION:

This project consists of improving Moores Mill Road between MD 924 and Southampton Middle School to address the safety and traffic volume increases due to the continuous development in and around the Bel Air area. Approximately 10,000 LF of closed section road is proposed to be built. Moores Mill Road functions as a collector road between two State roads. Phase 1 is from US 1 (Bus.) east to Southampton Road. Phase 2 is from US 1 (Bus.) west to MD 924 and needs to start construction prior to January 2017 or the project will need to be completely redesigned to meet the new SWM regulations (currently grandfathered).

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

FY18 - Construction Phase 2



PROJECT STATUS:

Phase 2 - Construction Complete; Phase 3 - Design complete, R/W Complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Highways & Streets	720,000		720,000						720,000
R6999 Other	856,708		856,708						856,708
R6340 Corporate/Business	43,292		43,292						43,292
R7100 Prior Bonds	6,730,975		6,730,975						6,730,975
			0						0
Total Funds	10,363,088	0	10,363,088	0	0	0	0	0	10,363,088

Est. Annual Debt Service Cost
\$134,620

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 9,052,580
 Encumbered 424,132
 Total \$9,476,712

PROJECT: Spesutia Road Reconstruction/Upgrade

HIGHWAYS - ROADS

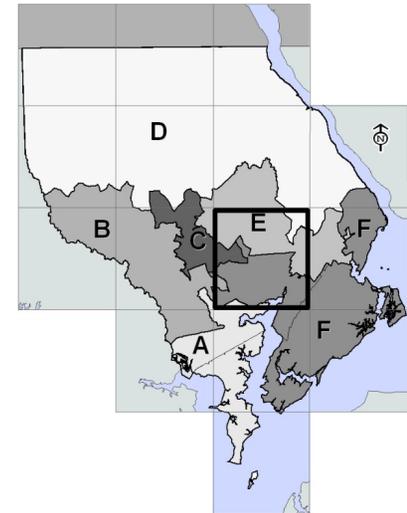
COUNCIL DISTRICT: F

LOCATION: Perryman

H194508

PROJECT DESCRIPTION / JUSTIFICATION:

This project consists of improving Spesutia Road between US40 and MD159 to address safety and traffic volume increases due to the continuous and ongoing development in the Perryman peninsula area. Approximately 4,000 LF 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. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY 19 - Preliminary Analysis and Design
 FY 20 - Right of Way Acquisition
 FY 22 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
R7000 Future Bonds			0						0
			0						0
			0						0
Total Funds	5,750,000	0	5,750,000	0	0	0	0	0	5,750,000

Est. Annual Debt Service Cost
 \$105,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 335,640
 Encumbered 98,485
 Total \$434,125

PROJECT: Village of Scot's Fancy Starmount Lane

HIGHWAYS - ROADS

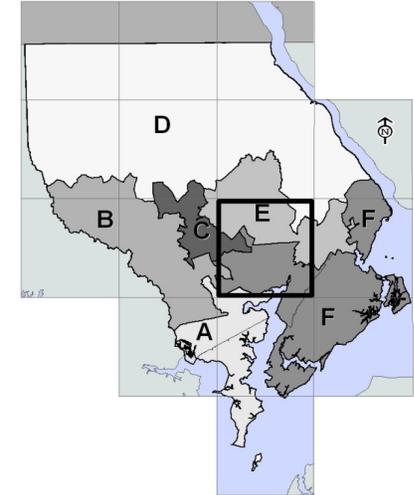
COUNCIL DISTRICT: E

LOCATION: Bel Air

H054515

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for the replacement of stormwater management facility outfall pipe and the repair and resurfacing of Starmount Lane from the end of the cul-de-sac to Whispering Ridge Lane. The repairs are necessary to bring this private roadway up to County standards.



PROJECT SCHEDULE:

PROJECT STATUS:

This project remains open to accept special assessments.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	145,128		145,128						145,128
Land Acquisition			0						0
Construction	604,872		604,872						604,872
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	750,000	0	750,000	0	0	0	0	0	750,000

FUNDING SCHEDULE

R1602 Special Assessment	750,000		750,000						750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	750,000	0	750,000	0	0	0	0	0	750,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 715,128
 Encumbered 0
 Total 715,128

PROJECT: Washington Court Access Road

HIGHWAYS - ROADS

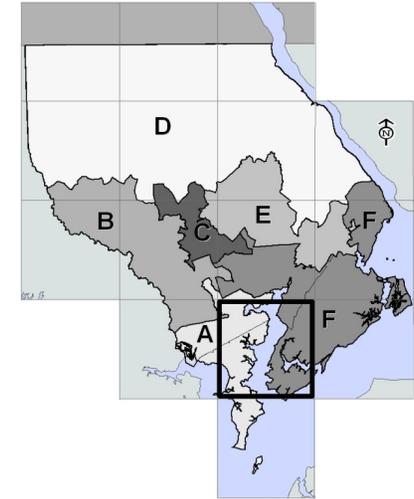
COUNCIL DISTRICT: A

LOCATION: Edgewood

H214506

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY07 - Design
 FY21 - Design & Construction

PROJECT STATUS:

Project Design: 90% complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	2,150,000	0	2,150,000	0	0	0	0	0	2,150,000

Est. Annual Debt Service Cost
 \$43,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2022	FY 2023	FIVE YEAR CAPITAL PROGRAM			
					FY 2024	FY 2025	FY 2026	FY 2027

HIGHWAYS FUND

RESURFACING

FY 22 Funded Projects:

Highways Infrastructure Investment Project	10,000,000	0	10,000,000	0	0	0	0	0
Resurfacing Roadways	66,697,870	30,697,870	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000

Open Projects:

Resurfacing Roadways 15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Total by Project	82,300,976	36,300,976	16,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Paygo	72,300,976	36,300,976	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Federal	10,000,000	0	10,000,000	0	0	0	0	0
Resurfacing Total by Fund	82,300,976	36,300,976	16,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
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HIGHWAYS FUND

HIGHWAYS

RESURFACING

Highways Infrastructure Investment Project	10,000,000	0	0	0	0	0		0	0	0	0	10,000,000	0
Resurfacing Roadways	6,000,000	0	6,000,000	0	0	0		0	0	0	0	0	0
SUB-TOTAL RESURFACING	16,000,000	0	6,000,000	0	10,000,000	0							

PROJECT: Highways Infrastructure Investment Project

HIGHWAYS - RESURFACING

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H224505

PROJECT DESCRIPTION / JUSTIFICATION:

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 need replacement.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		10,000,000	10,000,000						10,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	10,000,000	10,000,000	0	0	0	0	0	10,000,000

FUNDING SCHEDULE

R3199 Federal Other		10,000,000	10,000,000						10,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	10,000,000	10,000,000	0	0	0	0	0	10,000,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/21:

Expended	
Encumbered	0
Total	\$0

PROJECT: Resurfacing Roadways

HIGHWAYS - RESURFACING

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H184503

PROJECT DESCRIPTION / JUSTIFICATION:

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement. This is a critical maintenance program for the up keep 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.



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	300,000	75,000	375,000	75,000	75,000	75,000	75,000	75,000	750,000
Land Acquisition			0						0
Construction	29,697,870	5,675,000	35,372,870	5,675,000	5,675,000	5,675,000	5,675,000	5,675,000	63,747,870
Inspection Fees	700,000	250,000	950,000	250,000	250,000	250,000	250,000	250,000	2,200,000
Equipment/Furnishing			0						0
Total Cost	30,697,870	6,000,000	36,697,870	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	66,697,870

FUNDING SCHEDULE

R8750 Paygo	30,697,870	6,000,000	36,697,870	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	66,697,870
R8750 Prior Paygo			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	30,697,870	6,000,000	36,697,870	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	66,697,870

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/22/21:
 Expended 14,615,647
 Encumbered 2,392,636
 Total \$17,008,283

OPEN/ACTIVE PROJECTS

PROJECT: Resurfacing Roadways 15

HIGHWAYS - RESURFACING

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H154506

PROJECT DESCRIPTION / JUSTIFICATION:

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement. This is a critical maintenance program for the upkeep of the County's pavement system. Not only does this work provide smoother and safer roadways, but it seals out water from the subbase, thereby drastically improving the life cycle of the pavement. Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

This project has been closed and will be removed from the Capital Improvement Program following completion of the audit in July, 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	5,278,106		5,278,106						5,278,106
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost	5,603,106	0	5,603,106	0	0	0	0	0	5,603,106

FUNDING SCHEDULE

R8750 Paygo	5,603,106		5,603,106						5,603,106
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	5,603,106	0	5,603,106	0	0	0	0	0	5,603,106

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 5,569,238
 Encumbered 33,868
 Total \$5,603,106

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM					
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
HIGHWAYS FUND									
OTHER									
<u>FY 22 Funded Projects:</u>									
APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0	0
Efficiency Capital Investment Project	380,000	355,000	25,000	0	0	0	0	0	0
Fleet Replacement	30,292,000	16,142,000	2,050,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	2,500,000
Highways Facilities Repair Program	1,927,000	1,327,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Lease Revenue Highways	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Norrisville Highways Facility	3,000,000	0	1,500,000	1,500,000	0	0	0	0	0
Sidewalks and Handicapped Ramps	2,579,300	1,679,300	150,000	150,000	150,000	150,000	150,000	150,000	150,000
<u>Outyear Projects</u>									
Refresh Program	990,500	740,500	0	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,087,450	3,712,450	0	75,000	75,000	75,000	75,000	75,000	75,000
<u>Open Projects:</u>									
Fleet Maintenance Facility	7,246,000	7,246,000	0	0	0	0	0	0	0
Fuel Dispensing Upgrade	950,000	950,000	0	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0	0
Other Total by Project	62,420,750	37,120,750	4,825,000	5,075,000	3,775,000	3,875,000	3,875,000	3,875,000	3,875,000
Paygo	42,881,708	26,920,529	2,486,179	2,475,000	2,675,000	2,775,000	2,775,000	2,775,000	2,775,000
Future Bonds	3,600,000	0	1,600,000	1,600,000	100,000	100,000	100,000	100,000	100,000
Prior Bonds	7,566,000	7,566,000	0	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0	0
State	230,000	230,000	0	0	0	0	0	0	0
Developer/Other	973,742	1,234,921	(261,179)	0	0	0	0	0	0
Lease Finance	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Other Total by Fund	62,420,750	37,120,750	4,825,000	5,075,000	3,775,000	3,875,000	3,875,000	3,875,000	3,875,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>HIGHWAYS FUND</u>													
HIGHWAYS													
OTHER													
APG Gate Pilot	0	0	261,179	0	0	0	0	0	0	0	0	0	(261,179)
Efficiency Capital Investment Project	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	2,050,000	0	2,050,000	0	0	0	0	0	0	0	0	0	0
Highways Facilities Repair Program	100,000	0	0	0	100,000	0	0	0	0	0	0	0	0
Lease Revenue Highways	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0
Norrisville Highways Facility	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	0
Sidewalks and Handicapped Ramps	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL OTHER	4,825,000	0	2,486,179	0	1,600,000	1,000,000	0	0	0	0	0	0	(261,179)

PROJECT: APG Gate PILOT

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H164503

PROJECT DESCRIPTION / JUSTIFICATION:

Funds will be used to develop transportation/road improvements servicing Aberdeen Proving Ground or other surrounding business districts.



PROJECT SCHEDULE:

PROJECT STATUS:

Perryman Roundabout completed

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Gate PILOT	1,703,579	261,179	1,964,758						1,964,758
R6999 Other	796,421	(261,179)	535,242						535,242
			0						0
			0						0
			0						0
			0						0
Total Funds	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,105,686
 Encumbered 0
 Total \$2,105,686

PROJECT: Efficiency Capital Investment Project

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H134507

PROJECT DESCRIPTION / JUSTIFICATION:

This project will continue the design and initiate site preparation to connect the Hickory II facility to natural gas following an energy efficiency completed in FY12. This study was based upon the premise that natural gas could be a more cost effective and energy efficient fuel source for the Hickory II facility.

PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Ongoing Program



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	40,000		40,000						40,000
Land Acquisition									0
Construction	85,000		85,000						85,000
Inspection Fees									0
Equipment/Furnishing	230,000	25,000	255,000						255,000
Total Cost	355,000	25,000	380,000	0	0	0	0	0	380,000

FUNDING SCHEDULE

R8750 Paygo	195,000	25,000	220,000						220,000
R6999 Other	10,000		10,000						10,000
R3399 State Other	150,000		150,000						150,000
			0						0
			0						0
			0						0
Total Funds	355,000	25,000	380,000	0	0	0	0	0	380,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 90,515
 Encumbered 0
 Total \$90,515

PROJECT: Fleet Replacement

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H124507

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

This project will be managed/controlled by the Department of Procurement, Fleet Management Division.

PROJECT STATUS:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	16,142,000	2,050,000	18,192,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	30,292,000
Total Cost	16,142,000	2,050,000	18,192,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	30,292,000

FUNDING SCHEDULE

R8750 Paygo	16,142,000	2,050,000	18,192,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	30,292,000
			0						0
			0						0
			0						0
			0						0
Total Funds	16,142,000	2,050,000	18,192,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	30,292,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/22/21:
 Expended 14,587,628
 Encumbered 1,362,410
Total \$15,950,038

PROJECT: Highways Facilities Repair Program

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H034506

PROJECT DESCRIPTION / JUSTIFICATION:

This project will allow for an umbrella facilities repair and improvement fund for 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.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	169,000	5,000	174,000	5,000	5,000	5,000	5,000	5,000	199,000
Land Acquisition			0						0
Construction	1,094,200	90,000	1,184,200	90,000	90,000	90,000	90,000	90,000	1,634,200
Inspection Fees	63,800	5,000	68,800	5,000	5,000	5,000	5,000	5,000	93,800
Equipment/Furnishing			0						0
Total Cost	1,327,000	100,000	1,427,000	100,000	100,000	100,000	100,000	100,000	1,927,000

FUNDING SCHEDULE

R8750 Paygo	1,007,000		1,007,000						1,007,000
R7100 Prior Bonds	320,000		320,000						320,000
R7000 Future Bonds		100,000	100,000	100,000	100,000	100,000	100,000	100,000	600,000
			0						0
			0						0
			0						0
Total Funds	1,327,000	100,000	1,427,000	100,000	100,000	100,000	100,000	100,000	1,927,000

Est. Annual Debt Service Cost
\$8,400

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 986,324
 Encumbered 99,574
 Total \$1,085,898

PROJECT: Lease Revenue Highways

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H214502

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000
Total Cost	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000

FUNDING SCHEDULE

R7150 - Lease Finance	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 0
 Encumbered 0
 Total \$0

PROJECT: Sidewalks and Handicapped Ramps

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H104512

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the construction of sidewalks to interconnect communities, schools, and commercial areas. The project will benefit air quality and congestion by encouraging local walking trips and will improve safety by separating pedestrians and motor vehicles.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	105,000	10,000	115,000	10,000	10,000	10,000	10,000	10,000	165,000
Land Acquisition	40,000	5,000	45,000	5,000	5,000	5,000	5,000	5,000	70,000
Construction	1,439,300	125,000	1,564,300	125,000	125,000	125,000	125,000	125,000	2,189,300
Inspection Fees	95,000	10,000	105,000	10,000	10,000	10,000	10,000	10,000	155,000
Equipment/Furnishing			0						0
Total Cost	1,679,300	150,000	1,829,300	150,000	150,000	150,000	150,000	150,000	2,579,300

FUNDING SCHEDULE

R8750 Paygo	1,350,000	150,000	1,500,000	150,000	150,000	150,000	150,000	150,000	2,250,000
R6330 Developer	64,650		64,650						64,650
R6999 Other	15,350		15,350						15,350
R3199 Federal Other	169,300		169,300						169,300
R3399 State Other	80,000		80,000						80,000
Total Funds	1,679,300	150,000	1,829,300	150,000	150,000	150,000	150,000	150,000	2,579,300

Est. Annual Debt Service Cost
\$4,723

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 1,241,642
Encumbered 0
Total \$1,241,642

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: Refresh Program

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H134511

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	740,000	0	740,000	50,000	50,000	50,000	50,000	50,000	990,000
Total Cost	740,000	0	740,000	50,000	50,000	50,000	50,000	50,000	990,000

FUNDING SCHEDULE

R8750 Paygo	740,000	0	740,000	50,000	50,000	50,000	50,000	50,000	990,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	740,000	0	740,000	50,000	50,000	50,000	50,000	50,000	990,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/22/21:
 Expended 521,740
 Encumbered 4,473
 Total \$526,213

PROJECT: Safeguarding Business Operations

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H114507

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,712,450		3,712,450	75,000	75,000	75,000	75,000	75,000	4,087,450
Total Cost	3,712,450	0	3,712,450	75,000	75,000	75,000	75,000	75,000	4,087,450

FUNDING SCHEDULE

R8750 Paygo	3,712,450		3,712,450	75,000	75,000	75,000	75,000	75,000	4,087,450
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	3,712,450	0	3,712,450	75,000	75,000	75,000	75,000	75,000	4,087,450

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/22/21:
 Expended 3,173,819
 Encumbered 69,955
 Total \$3,243,774

OPEN/ACTIVE PROJECTS

PROJECT: Fleet Maintenance Facility

HIGHWAYS - MISCELLANEOUS

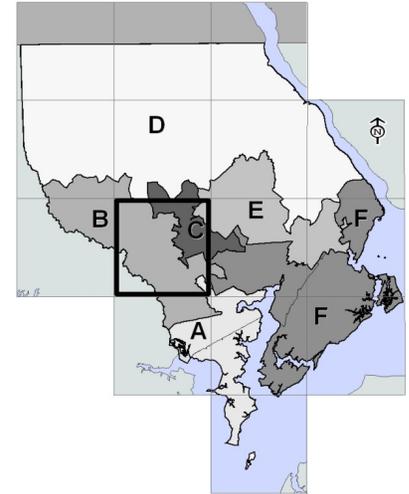
COUNCIL DISTRICT: C

LOCATION: Hickory

H184504

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

Under construction, on schedule

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	7,246,000	0	7,246,000	0	0	0	0	0	7,246,000

Est. Annual Debt Service Cost
\$144,920

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 2,233,932
 Encumbered 2,835,868
Total \$5,069,800

PROJECT: Fuel Dispensing System Upgrade

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

H064508

PROJECT DESCRIPTION / JUSTIFICATION:

Project is for the upgrade of the County's fuel dispensing system at Abingdon. Replacing tanks and pumps are necessary as they have passed their useful life. Current size can not handle increased demand and cannot meet new regulation requirements.

PROJECT SCHEDULE:

PROJECT STATUS:



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	950,000		950,000						950,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	950,000	0	950,000	0	0	0	0	0	950,000

FUNDING SCHEDULE

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

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 949,273
 Encumbered 0
 Total \$949,273

PROJECT: Glen Elyn Culvert and Ponds Repair

HIGHWAYS - MISCELLANEOUS

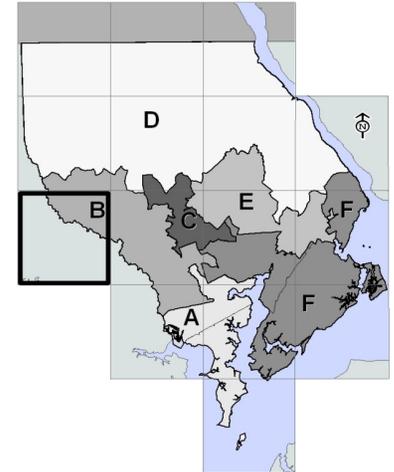
COUNCIL DISTRICT: B

LOCATION: Upper Crossroads

H024504

PROJECT DESCRIPTION / JUSTIFICATION:

The culvert running from the Glen Elyn stormwater management pond under Forest Glen Drive has deteriorated. This project replaced the pipe with a reinforced concrete pipe that will be more resistant to deterioration and failures. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

PROJECT STATUS:

This project remains open to accept special assessments from the community to reimburse some of the costs for this project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	352,500		352,500						352,500
Inspection Fees	15,000		15,000						15,000
Equipment/Furnishing			0						0
Total Cost	392,500	0	392,500	0	0	0	0	0	392,500

FUNDING SCHEDULE

R1602 Special Assessment	202,500		202,500						202,500
R8750 Paygo	190,000		190,000						190,000
			0						0
			0						0
			0						0
			0						0
Total Funds	392,500	0	392,500	0	0	0	0	0	392,500

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 392,500
 Encumbered 0
 Total \$392,500

PROJECT: Harford County Metro Area Network (HMAN)

HIGHWAYS - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

H134509

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	930,000	0	930,000						930,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	930,000	0	930,000	0	0	0	0	0	930,000

FUNDING SCHEDULE

R8750 Paygo	930,000		930,000						930,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	930,000	0	930,000	0	0	0	0	0	930,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 925,809
 Encumbered 93
 Total \$925,902

PROJECT: Primrose Place

HIGHWAYS - MISCELLANEOUS

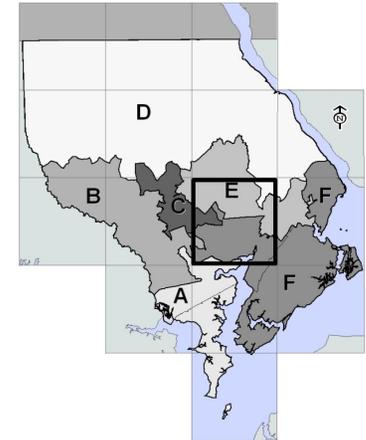
COUNCIL DISTRICT: F

LOCATION: Riverside

H034508

PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funding to identify the properties to be benefited and to establish an assessment basis and annual assessment for the Primrose Place Project.



PROJECT SCHEDULE:

PROJECT STATUS:

This project remains open to accept special assessments.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	146,000		146,000						146,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	146,000	0	146,000	0	0	0	0	0	146,000

FUNDING SCHEDULE

R1602 Special Assessment	146,000		146,000						146,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	146,000	0	146,000	0	0	0	0	0	146,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 132,605
 Encumbered 0
 Total \$132,605

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM				
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
<u>WATER & SEWER FUND</u>								
<u>WATER PROJECTS</u>								
<u>FY 22 Funded Projects:</u>								
Abingdon Road Water	3,271,540	3,300,000	(28,460)	0	0	0	0	0
Abingdon Water Treatment Plant pH Control System	250,000	2,750,000	(2,500,000)	0	0	0	0	0
Abingdon WTP Switch Gear/Generator Upgrade	4,150,000	1,650,000	2,500,000	0	0	0	0	0
City of Baltimore - Deer Creek PS and Valve Improvements	5,200,000	3,700,000	1,500,000	0	0	0	0	0
City of Baltimore Raw Water Supply	1,300,000	3,300,000	(2,000,000)	0	0	0	0	0
Infrastructure Management System Enhancements	850,000	425,000	125,000	100,000	100,000	100,000	0	0
Magnolia Booster Station	1,800,000	1,550,000	250,000	0	0	0	0	0
MDTA I-95 Improvements	4,250,000	250,000	1,200,000	1,800,000	1,000,000	0	0	0
Renewal and Replacement Water Infrastructure	3,050,000	2,000,000	150,000	0	300,000	300,000	0	300,000
SCADA Information Management Systems	4,750,000	1,200,000	800,000	250,000	2,500,000	0	0	0
SHA Improvement Projects (Prev. Construction Unanticipated 15)	1,110,000	660,000	(350,000)	0	300,000	0	500,000	0
Tank Painting	270,671	300,000	(29,329)	0	0	0	0	0
US 40 Water Main Replacement	3,100,000	200,000	400,000	0	500,000	0	2,000,000	0
Water & Sewer Infrastructure Improvements Projects	8,450,000	2,100,000	1,350,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Water Meter Upgrade	3,110,000	1,960,000	150,000	0	500,000	250,000	0	250,000
<u>Outyear Projects:</u>								
Central W&S Laboratory	2,085,000	85,000	0	0	0	0	2,000,000	0
Perryman Wellfield Improvements	3,850,000	350,000	0	0	0	3,500,000	0	0
Water Tank Design and Construction	3,700,000	300,000	0	0	400,000	3,000,000	0	0
Water Zone Improvements	1,830,000	1,030,000	0	0	350,000	250,000	200,000	0
<u>Open Projects:</u>								
Havre de Grace Water Treatment Plant Upgrade	1,150,000	1,150,000	0	0	0	0	0	0
Oak Grove Booster Station (Ridgeley's Reserve)	330,000	330,000	0	0	0	0	0	0
Perryman GAC Plant Improvements	1,000,000	1,000,000	0	0	0	0	0	0
Replacement of Water Booster Station SCADA	2,250,000	2,250,000	0	0	0	0	0	0
US 40 and Rt. 159 SHA Water Relocation	3,900,000	3,900,000	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	50,000	50,000	0	0	0	0	0	0
Water and Sewer Billing Project	2,500,000	2,500,000	0	0	0	0	0	0
Water System Model Study	300,000	300,000	0	0	0	0	0	0
Water Total by Project	67,857,211	38,590,000	3,517,211	3,150,000	6,950,000	8,400,000	5,700,000	1,550,000
Paygo	49,325,650	25,350,650	4,600,000	4,075,000	7,375,000	2,825,000	2,625,000	2,475,000
Prior Paygo	(379,329)	0	(379,329)	0	0	0	0	0
Future Bonds	12,650,000	0	900,000	0	1,000,000	6,750,000	4,000,000	0
Prior Bonds	26,906,540	27,435,000	(528,460)	0	0	0	0	0
Reappropriated	300,000	300,000	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0
Lease Finance	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Developer/Other	300,000	300,000	0	0	0	0	0	0
Water Total by Fund	96,482,861	54,765,650	5,592,211	5,075,000	9,375,000	10,575,000	7,625,000	3,475,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>WATER & SEWER FUND</u>													
<u>WATER PROJECTS</u>													
Abingdon Road Water	(28,460)	0	0	(28,460)	0	0	0	0	0	0	0	0	0
Abingdon Water Treatment Plant pH Control System	(2,500,000)	0	0	(2,500,000)	0	0	0	0	0	0	0	0	0
Abingdon WTP Switch Gear/Generator Upgrade	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0
City of Baltimore - Deer Creek Pump Station & Valve Improve	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0
City of Baltimore - Raw Water Supply	(2,000,000)	0	0	(2,000,000)	0	0	0	0	0	0	0	0	0
Infrastructure Management System Enhancements	125,000	0	125,000	0	0	0	0	0	0	0	0	0	0
Magnolia Booster Station	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
MDTA I-95 Improvements	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	0
Renewal and Replacement Water Infrastructure	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SCADA Information Management Systems	800,000	0	800,000	0	0	0	0	0	0	0	0	0	0
SHA Improvement Projects (Previously Construction Unant 15)	(350,000)	(350,000)	0	0	0	0	0	0	0	0	0	0	0
Tank Painting	(29,329)	(29,329)	0	0	0	0	0	0	0	0	0	0	0
US 40 Water Main Replacement	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0
Water & Sewer Infrastructure Improvements Projects	1,350,000	0	1,350,000	0	0	0	0	0	0	0	0	0	0
Water Meter Upgrade	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	3,517,211	(379,329)	4,025,000	(528,460)	400,000	0	0	0	0	0	0	0	0

PROJECT: Abingdon Road Water

WATER

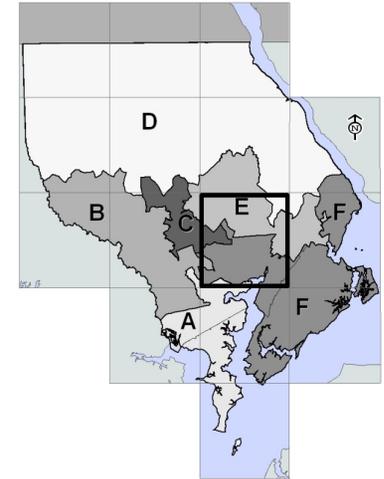
COUNCIL DISTRICT: MULTIPLE

LOCATION: Abingdon

W086687

PROJECT DESCRIPTION / JUSTIFICATION:

This project will allow for the design and construction, beginning just south of I-95, of approximately 800 linear feet of parallel 36" and 2,260 linear feet of replacement 30" (to replace existing 12") to Rt. 7, and 4,435 linear feet of parallel 20" water transmission main from Rt. 7 to US Rt. 40. This project will provide the necessary initial transmission capacity of the expansion to the Abingdon Water Treatment Plant, in order to move water into Zone 1 towards Aberdeen and Edgewood.



PROJECT SCHEDULE:

On hold due to change in water demands
Pursuing CSX crossing only

PROJECT STATUS:

Prior Bonds in the amount of (\$28,460) will be reallocated to the Sod Run Facilities Improvements Capital Project (S126724).

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	250,000		250,000						250,000
Land Acquisition	0		0						-
Construction	3,050,000	(28,460)	3,021,540						3,021,540
Inspection Fees	0		0						-
Equipment/Furnishing	0		0						-
Total Cost	3,300,000	(28,460)	3,271,540	0	0	0	0	0	3,271,540

FUNDING SCHEDULE

R7100 Prior Bonds	3,300,000	(28,460)	3,271,540						3,271,540
	0		0						-
	0		0						-
	0		0						-
	0		0						-
	0		0						-
Total Funds	3,300,000	(28,460)	3,271,540	0	0	0	0	0	3,271,540

Est. Annual Debt Service Cost
\$65,431

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
Expended 271,540
Encumbered 0
Total \$ 271,540

PROJECT: Abingdon Water Treatment Plant pH control System

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W196130

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for the design of a new pH and alkalinity control system at the Abingdon Water Treatment Plant.



PROJECT SCHEDULE:

Design scheduled for calendar year 2020-2021; construction projected for calendar year 2022.

Reallocate \$2.5m to Abingdon Switchgear W205424

PROJECT STATUS:

Design is underway and on track.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	2,500,000	(2,500,000)	0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,750,000	(2,500,000)	250,000	0	0	0	0	0	250,000

FUNDING SCHEDULE

R7100 Prior Bonds	2,750,000	(2,500,000)	250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,750,000	(2,500,000)	250,000	0	0	0	0	0	250,000

Est. Annual Debt Service Cost
\$5,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:

Expended	64,574
Encumbered	176,928
Total	\$ 241,502

PROJECT: Abingdon WTP Switch Gear/Generator Upgrade

WATER

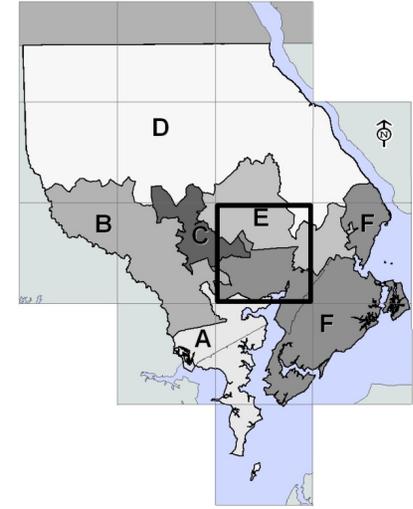
COUNCIL DISTRICT: F

LOCATION: Abingdon

W205424

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

Scheduled for calendar year 2021; construction projected for calendar year 2022.

PROJECT STATUS:

Reallocated funds from Abingdon WTP Phase I W196130

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	150,000		150,000						150,000
Land Acquisition	0		0						0
Construction	1,500,000	2,500,000	4,000,000						4,000,000
Inspection Fees	0		0						0
Equipment/Furnishing	0		0						0
Total Cost	1,650,000	2,500,000	4,150,000	0	0	0	0	0	4,150,000

FUNDING SCHEDULE

R7100 Prior Bonds	1,650,000	2,500,000	4,150,000						4,150,000
	0		0						0
	0		0						0
	0		0						0
	0		0						0
Total Funds	1,650,000	2,500,000	4,150,000	0	0	0	0	0	4,150,000

Est. Annual Debt Service Cost
\$83,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
 Expended 64,661
 Encumbered 27,982
 Total \$92,643

PROJECT: City of Baltimore - Deer Creek Pump Station and Valve Improvements

WATER

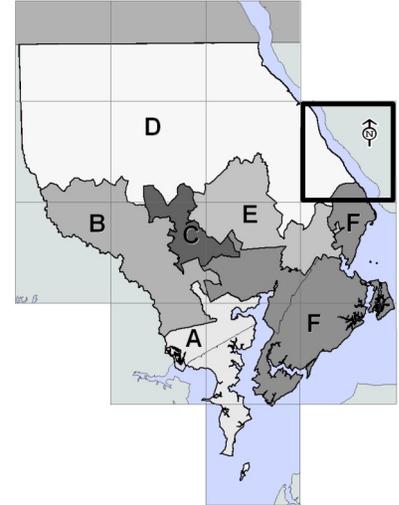
COUNCIL DISTRICT: D

LOCATION: Darlington

W126718

PROJECT DESCRIPTION / JUSTIFICATION:

In accordance with the 1993 raw water purchase agreement between the County and the City of Baltimore (COB), this project appropriates funds for the County's share of the COB's capital improvement to the Deer Creek raw water pumping station and valve replacement on the 108 inch Susquehanna Aqueduct.



PROJECT SCHEDULE:

Awaiting City's evaluation and preliminary design completion.

PROJECT STATUS:

Waiting on the City's plan for evaluation of the "Big Inch" pipeline and potential addition of a low flow pumping system for the Deer Creek Station.

Reallocation of bonds from City of Baltimore Raw Water Capital Project W126719.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	0		0						0
Land Acquisition	0		0						0
Construction	3,700,000	1,500,000	5,200,000						5,200,000
Inspection Fees	0		0						0
Equipment/Furnishing	0		0						0
Total Cost	3,700,000	1,500,000	5,200,000	0	0	0	0	0	5,200,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,700,000	1,500,000	5,200,000						5,200,000
R7000 Future Bonds	0		0						0
	0		0						0
	0		0						0
	0		0						0
	0		0						0
Total Funds	3,700,000	1,500,000	5,200,000	0	0	0	0	0	5,200,000

Est. Annual Debt Service Cost
\$104,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:

Expended	3,101,041
Encumbered	136,808
Total	\$ 3,237,849

PROJECT: City of Baltimore Raw Water Supply

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

W126719

PROJECT DESCRIPTION / JUSTIFICATION:

This project is a capital connection charge for an increase in allocation for raw water purchased from the City of Baltimore (COB) for the Abingdon Water Treatment Plant. This project will provide funding for an additional 5 to 25 mgd once approved by the COB.

PROJECT SCHEDULE:

TBD



PROJECT STATUS:

Reallocating funds to City of Baltimore Deer Creek W126718 (\$1.5m) and Sod Run Facility S126724 (\$500k)

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	3,300,000	(2,000,000)	1,300,000						1,300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,300,000	(2,000,000)	1,300,000	0	0	0	0	0	1,300,000

FUNDING SCHEDULE

R7100 Prior Bonds	3,300,000	(2,000,000)	1,300,000						1,300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	3,300,000	(2,000,000)	1,300,000	0	0	0	0	0	1,300,000

Est. Annual Debt Service Cost
\$26,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:

Expended	1,221,539
Encumbered	34,237
Total	\$ 1,255,776

PROJECT: Infrastructure Management System Enhancements

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Water and Sewer

W186045

PROJECT DESCRIPTION / JUSTIFICATION:

W&S 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 a.) Hire a consultant to generate a "GIS Asset Register" related to wastewater facilities b.) Implement the Asset Register into Cityworks Asset Management System c.) Facilitate the Wastewater Operation asset maintenance work flow in to Cityworks d.) Implement a plan to externalize the Cityworks Asset Management System. e.) Expand information value with technology enhancements and customization of Cityworks f.) 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.



PROJECT SCHEDULE:

Sod Run WWTP calendar year 2022; Abingdon WTP calendar year 2023; Joppatowne WWTP and Havre de Grace WTP calendar year 2024; pumping stations calendar year 2025; Perryman WTP calendar year 2026

PROJECT STATUS:

This project is on track.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	425,000	125,000	550,000	100,000	100,000	100,000			850,000
Land Acquisition	0		0						0
Construction	0		0						0
Inspection Fees	0		0						0
Equipment/Furnishing	0		0						0
Total Cost	425,000	125,000	550,000	100,000	100,000	100,000	0	0	850,000

FUNDING SCHEDULE

R8750 Paygo	425,000	125,000	550,000	100,000	100,000	100,000			850,000
			0						0
	0		0						0
	0		0						0
	0		0						0
Total Funds	425,000	125,000	550,000	100,000	100,000	100,000	0	0	850,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
Expended 249,090
Encumbered 122,942
Total \$ 372,032

PROJECT: Magnolia Booster Station

WATER

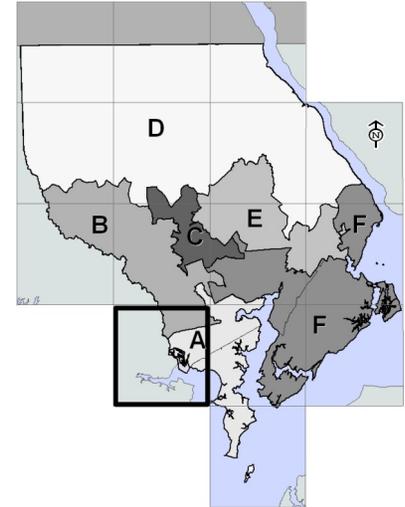
COUNCIL DISTRICT: A

LOCATION: Magnolia

W106709

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to allow for the design and construction of a replacement of the existing hydro pneumatic tank to be housed aboveground within a new building, as well as to provide a replacement of the automatic telemetry system. This project will add a fire flow pump to the system for reliability in the service area. The existing tank has reached the end of its useful life and needs replacement prior to rupture.



PROJECT SCHEDULE:

Redesign anticipated during calendar year 2021, construction projected for calendar year 2022.

PROJECT STATUS:

Redesign is underway and on track.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	300,000	250,000	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	1,550,000	250,000	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
R7000 Future Bonds			0						0
R8750 Paygo	100,000	250,000	350,000						350,000
			0						0
			0						0
Total Funds	1,550,000	250,000	1,800,000	0	0	0	0	0	1,800,000

Est. Annual Debt Service Cost
\$29,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:

Expended	171,849
Encumbered	121,159
Total	\$ 293,008

PROJECT: MDTA I-95 Improvements

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

O215401

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

Pending Maryland Transportation Authority project execution

PROJECT STATUS:

Planning and design underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction		1,200,000	1,200,000	1,800,000	1,000,000				4,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	250,000	1,200,000	1,450,000	1,800,000	1,000,000	0	0	0	4,250,000

FUNDING SCHEDULE

R8750 Paygo	250,000	1,200,000	1,450,000	1,800,000	1,000,000				4,250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	1,200,000	1,450,000	1,800,000	1,000,000	0	0	0	4,250,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	3,013
Encumbered	0
Total	\$3,013

PROJECT: Renewal and Replacement Water Infrastructure

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W126723

PROJECT DESCRIPTION / JUSTIFICATION:

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 apparatus that have or are nearing the end of their useful life. Projects will be identified thru studies, rate of failure, age and/or material longevity expectation.

PROJECT SCHEDULE:

Upgrades to Hydrants Spring and Summer 2020 - 2021 and ongoing
 Upgrades to Back flow preventer Vaults Summer and Fall 2020 and ongoing
 Design for Relining of Briar hill Estates 20 inch PVC Transmission Main
 Design for Relining Reagent Drive Area Water Main

PROJECT STATUS:

This project is ongoing to replace aged infrastructure



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	200,000	150,000	350,000		300,000	300,000		300,000	1,250,000
Land Acquisition			0						0
Construction	1,800,000		1,800,000						1,800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,000,000	150,000	2,150,000	0	300,000	300,000	0	300,000	3,050,000

FUNDING SCHEDULE

R8750 Paygo	400,000	150,000	550,000		300,000	300,000		300,000	1,450,000
R7100 Prior Bonds	1,600,000		1,600,000						1,600,000
			0						0
			0						0
			0						0
Total Funds	2,000,000	150,000	2,150,000	0	300,000	300,000	0	300,000	3,050,000

Est. Annual Debt Service Cost
\$32,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	\$ 714,306
Encumbered	\$ 301,430
Total	\$ 1,015,736

PROJECT: SCADA Information Management Systems

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W196144

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for the study, design, and installation of a information management system that will safely collect, store, archive, retrieve and create reports for all of 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.

PROJECT SCHEDULE:

Evaluate existing systems and develop design for solutions spring 2021
 Installation and integration of new data management system
 Programming and reports development

PROJECT STATUS:

Study/design scope development 2020-2021



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	950,000	800,000	1,750,000	250,000	2,500,000				4,500,000
Total Cost	1,200,000	800,000	2,000,000	250,000	2,500,000	0	0	0	4,750,000

FUNDING SCHEDULE

R8750 Paygo	1,200,000	800,000	2,000,000	250,000	2,500,000				4,750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,200,000	800,000	2,000,000	250,000	2,500,000	0	0	0	4,750,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	\$ 8,076
Encumbered	\$ 50,578
Total	\$ 58,654

PROJECT: SHA Improvement Projects (Previously Titled Construction Unanticipated 15)

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W156605

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to establish an account to provide funding for Harford County's water mains affected by the relocation of the State Highways projects. Until a determination has been made as to who is responsible for these costs, the County needs the flexibility to be able to pay for these unanticipated relocations.



PROJECT SCHEDULE:

Pending State Highway Administration project development

PROJECT STATUS:

\$350k reallocated to the Renewal and Replacement Sewer Infrastructure project for Edgewood Area sewer/stream repair

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	500,000	(350,000)	150,000						150,000
Land Acquisition			0						0
Construction	160,000		160,000		300,000		500,000		960,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	660,000	(350,000)	310,000	0	300,000	0	500,000	0	1,110,000

FUNDING SCHEDULE

R8750 Paygo	660,000		660,000		300,000		500,000		1,460,000
R7000 Future Bonds			0						0
R8751 Prior Paygo		(350,000)	(350,000)						(350,000)
			0						0
			0						0
			0						0
Total Funds	660,000	(350,000)	310,000	0	300,000	0	500,000	0	1,110,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 220,442
 Encumbered 36,405
 Total \$256,847

PROJECT: Tank Painting

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W176668

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides the Division of Water & Sewer with the appropriation to paint and repair the existing 12 water storage tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, safety repairs, and repainting to extend the life of the assets. A typical tank painting system will last 10 to 12 years.



PROJECT SCHEDULE:

PROJECT STATUS:

Funds will be reallocated to the Sod Run Facilities Improvements Project S126724. This project will be closed and removed from the capital improvement program following completion of the audit in July, 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	300,000	(29,329)	270,671						270,671
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	(29,329)	270,671	0	0	0	0	0	270,671

FUNDING SCHEDULE

R8750 Prior Paygo		(29,329)	(29,329)						(29,329)
R8750 Paygo	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	(29,329)	270,671	0	0	0	0	0	270,671

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$ 270,671
 Encumbered 0
 Total \$ 270,671

PROJECT: US 40 Water Main Replacement

WATER

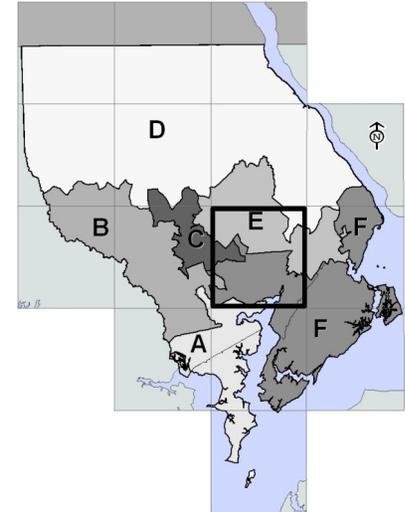
COUNCIL DISTRICT: MULTIPLE

LOCATION: Aberdeen

W196149

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

Study/Evaluation 2021

Construction is anticipated to begin 2021-2022

PROJECT STATUS:

Study/design scope development spring 2021

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	200,000	400,000	600,000		500,000				1,100,000
Land Acquisition			0						0
Construction			0				2,000,000		2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	400,000	600,000	0	500,000	0	2,000,000	0	3,100,000

FUNDING SCHEDULE

R7100 Prior Bonds	200,000		200,000						200,000
R7000 Future Bonds		400,000	400,000		500,000		2,000,000		2,900,000
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	400,000	600,000	0	500,000	0	2,000,000	0	3,100,000

Est. Annual Debt Service Cost
\$12,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	\$0
Encumbered	\$0
Total	\$0

PROJECT: Water & Sewer Infrastructure Improvements Projects

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W196150

PROJECT DESCRIPTION / JUSTIFICATION:

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 water master planning.



PROJECT SCHEDULE:

Ongoing program. Water Master Plan 2020-2021:
 Abingdon Woods Water Main
 Ridgeley's Reserve Water Booster
 Grace Hall Water Booster Station
 James Run Water Booster Station and Sewage Pumping Station
 Comprehensive Sewer System Study

PROJECT STATUS:

Various improvements are continuously being studied, designed and constructed under this account

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction	1,800,000	1,350,000	3,150,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,100,000	1,350,000	3,450,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,450,000

FUNDING SCHEDULE

R8750 Paygo	1,800,000	1,350,000	3,150,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,150,000
R6330 Developer	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,100,000	1,350,000	3,450,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,450,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 44,614
 Encumbered 145,206
 Total 189,820

PROJECT: Water Meter Upgrade

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

W136729

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall allow for the purchase and installation of replacement water meters and encoder receiver transmitter (ERT) to enable the meters to be read more efficiently by vehicle mounted radio systems. This project will convert the approximately 7,000 remaining older meters to provide for improved efficiency in terms of read time. This project will also provide for purchase and installation of new large commercial or interconnection meters that have reached the end of their useful life.

PROJECT SCHEDULE:

Estimated 7,000 upgrades needed
 Large meter evaluation FY2020
 Large meter replacement FY2020-2021

PROJECT STATUS:

Design and construction 2020-2021
 This is an ongoing project



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design		150,000	150,000		500,000	250,000		250,000	1,150,000
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	1,710,000	150,000	2,110,000	0	500,000	250,000	0	250,000	3,110,000

FUNDING SCHEDULE

R8750 Paygo	1,960,000	150,000	2,110,000		500,000	250,000		250,000	3,110,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,960,000	150,000	2,110,000	0	500,000	250,000	0	250,000	3,110,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$ 1,533,890
 Encumbered \$ 61,144
 Total \$ 1,595,034

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: Central W&S Laboratory

WATER

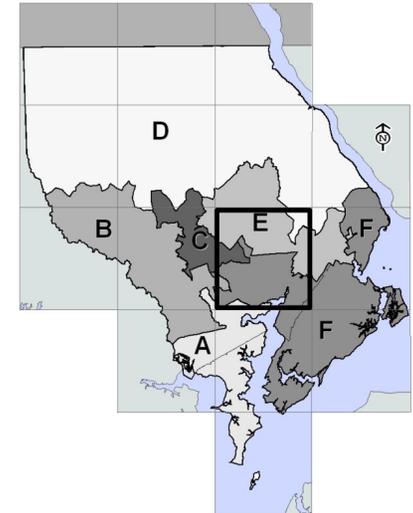
COUNCIL DISTRICT: F

LOCATION: Abingdon

W205425

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funds for the study and design of a central consolidated laboratory for the Division of Water and Sewer. The central laboratory will allow the consolidation of laboratory staffing and testing into one central facility for efficiency of staff and improved management. The lab will be a combined water and wastewater lab located on the site of the Water and Sewer central office building.



PROJECT SCHEDULE:

Study/evaluation winter 2020
Construction 2026

PROJECT STATUS:

The study is complete. Design will begin in calendar year 2024-2025.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	85,000		85,000						85,000
Land Acquisition			0						0
Construction			0				2,000,000		2,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	85,000	0	85,000	0	0	0	2,000,000	0	2,085,000

FUNDING SCHEDULE

R7000 Future Bonds			0				2,000,000		2,000,000
R7100 Prior Bonds	85,000		85,000						85,000
			0						0
			0						0
			0						0
			0						0
Total Funds	85,000	0	85,000	0	0	0	2,000,000	0	2,085,000

Est. Annual Debt Service Cost
\$1,700

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
Expended 84,144
Encumbered 590
Total 84,734

PROJECT: Perryman Wellfield Improvements

WATER

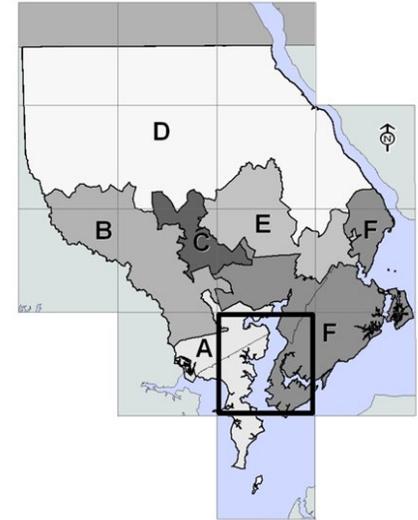
COUNCIL DISTRICT: F

LOCATION: Perryman

W186056

PROJECT DESCRIPTION / JUSTIFICATION:

This project allows for the design and construction of new wells and wellhouses for four wells in the Perryman well system. Wells and wellhouses are reaching the end of their economic life. In addition, the existing lease with the U.S. Army for the wells that are located just inside the U.S. Government property will greatly improve our ability to operate and maintain the wells. The raw water pipes and power utilities will remain and lease/easement is still required.



PROJECT SCHEDULE:

Design projected in 2024.

PROJECT STATUS:

Design scope development; design NTP in late 2024

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction			0			3,500,000			3,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	350,000	0	350,000	0	0	3,500,000	0	0	3,850,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	150,000		150,000						150,000
R7000 Future Bonds			0			3,500,000			3,500,000
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	3,500,000	0	0	3,850,000

Est. Annual Debt Service Cost
\$3,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$0
 Encumbered \$0
 Total \$0

PROJECT: Water Tank Design and Construction

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

W196152

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the study, master planning, land acquisition, design, and construction of a new water storage tank in Zone I (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 water master plan, if needed.

PROJECT SCHEDULE:

Study and modeling 2020-2021



PROJECT STATUS:

This project is water modeling dependent.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction			0		400,000	3,000,000		0	3,400,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	400,000	3,000,000	0	0	3,700,000

FUNDING SCHEDULE

R8750 Paygo	300,000		300,000		400,000			0	700,000
R7000 Future Bonds						3,000,000			3,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	400,000	3,000,000	0	0	3,700,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 47,388
 Encumbered 131,681
 Total 179,069

PROJECT: Water Zone Improvements

**WATER
W146660**

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

PROJECT DESCRIPTION / JUSTIFICATION:

This project allows for the evaluation, modeling, design, construction, and/or installation of water mains, controls, safety improvements, back flow preventers, meter, and equipment as needed within the four separate zones of Harford County's water service area. This project also 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.

PROJECT SCHEDULE:

Woodsdale apartments backflow preventer 2020-2021



PROJECT STATUS:

This is an ongoing project to maintain the condition of critical water infrastructure

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	930,000		930,000		350,000	250,000	200,000		1,730,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,030,000	0	1,030,000	0	350,000	250,000	200,000	0	1,830,000

FUNDING SCHEDULE

R8750 Paygo	1,030,000		1,030,000		350,000	250,000	200,000		1,830,000
			0						0
			0						0
			0						0
Total Funds	1,030,000	0	1,030,000	0	350,000	250,000	200,000	0	1,830,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended \$ 334,502
Encumbered \$0
Total \$ 334,502

OPEN/ACTIVE PROJECTS

PROJECT: Havre de Grace Water Treatment Plant Upgrade

WATER

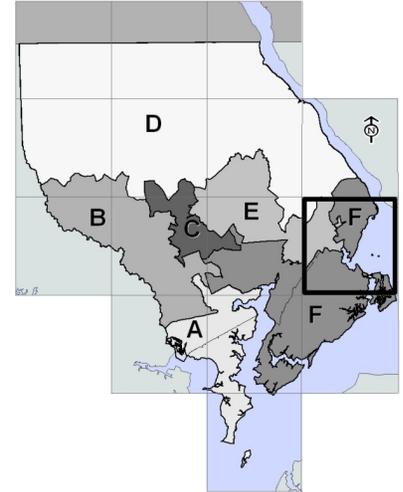
COUNCIL DISTRICT: F

LOCATION: Havre de Grace

W196141

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall allow for plant improvements required throughout the plant due to technology and regulatory requirements, in addition to aging equipment.



PROJECT SCHEDULE:

Modifications to the solids handling piping 2020-2021
 Modifications to electrical system metering at the solids handling facility

PROJECT STATUS:

Design is 65% complete; construction anticipated for 2021

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	150,000		150,000						150,000
Land Acquisition	0		0						0
Construction	1,000,000	0	1,000,000						1,000,000
Inspection Fees	0		0						0
Equipment/Furnishing	0		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	0	1,150,000						1,150,000
	0		0						0
	0		0						0
	0		0						0
	0		0						0
	0		0						0
Total Funds	1,150,000	0	1,150,000	0	0	0	0	0	1,150,000

Est. Annual Debt Service Cost
\$23,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
 Expended 17,963
 Encumbered 2,765
 Total \$ 20,728

PROJECT: Oak Grove Booster Station (Ridgeley's Reserve)

WATER

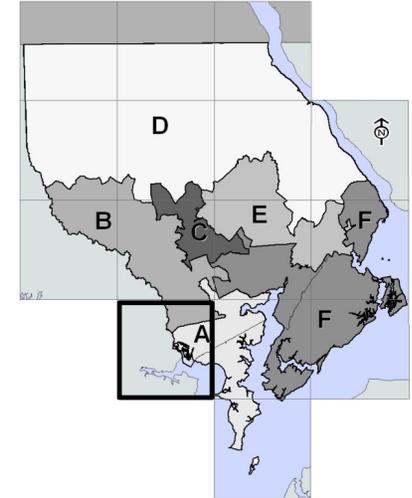
COUNCIL DISTRICT: MULTIPLE

LOCATION: Magnolia

W205426

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide for the County's portion of the construction of a new water booster station, that will allow for the abandonment of the existing Woodbridge water booster station. The developer of the Oak Grove/Stancill subdivision requires a booster station to service the new development. The County has agreed to contribute its share for the enlargement of the station so that it will also be able to service the existing Woodbridge subdivision, thereby allowing the County to eliminate the station.



PROJECT SCHEDULE:

FY20-21 Design and Construction in 2021-2022

PROJECT STATUS:

A new developer has taken over this project and will be retitled "Ridgeley's Reserve". The Public Works Utility Agreement (PWUA) is being finalized.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	330,000		330,000						330,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	330,000	0	330,000	0	0	0	0	0	330,000

FUNDING SCHEDULE

R7100 Prior Bonds	330,000		330,000						330,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	330,000	0	330,000	0	0	0	0	0	330,000

Est. Annual Debt Service Cost
\$6,600

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	0

PROJECT: Perryman GAC Plant Improvements

WATER

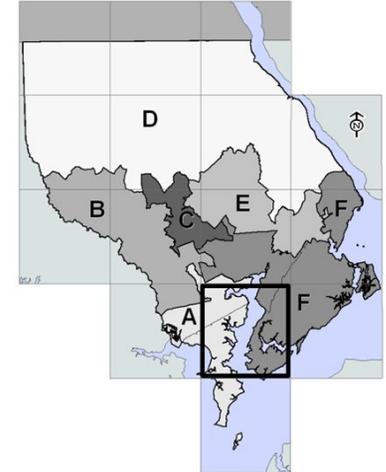
COUNCIL DISTRICT: F

LOCATION: Perryman

W186046

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

Valve installation complete. Flow metering anticipated for calendar year 2021.

PROJECT STATUS:

Ongoing; awaiting Aberdeen Proving Ground funding and execution.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,000,000		1,000,000						1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000

FUNDING SCHEDULE

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

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
Expended 90,034
Encumbered 0
Total \$ 90,034

PROJECT: Replacement of Water Booster Station SCADA

WATER

COUNCIL DISTRICT: MULTIPLE

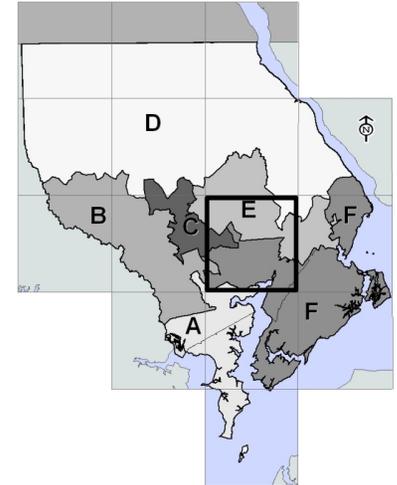
LOCATION: Abingdon

W156492

PROJECT DESCRIPTION / JUSTIFICATION:

This project will allow for a study to select the appropriate replacement system for Water Booster Station SCADA (Supervisory Control and Data Acquisition) system. The project will allow for the design and performance specifications to be developed and installation.

The existing SCADA equipment is obsolete and parts are not manufactured anymore and Siemens does not support the system equipment.



PROJECT SCHEDULE:

Construction 2020

PROJECT STATUS:

Design complete, construction 2020-2021

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	2,250,000	0	2,250,000	0	0	0	0	0	2,250,000

Est. Annual Debt Service Cost
\$39,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	\$	234,389
Encumbered	\$	85,163
Total	\$	319,552

PROJECT: US 40 and Rt. 159 SHA Water Relocation

WATER

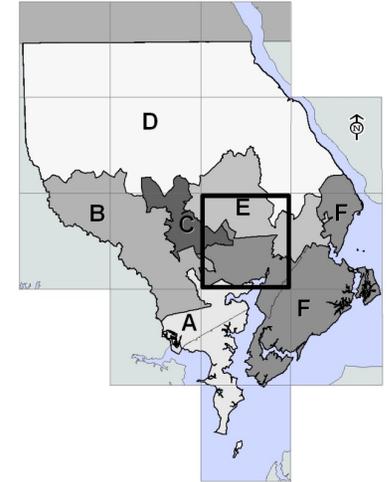
COUNCIL DISTRICT: MULTIPLE

LOCATION: Perryman

W166375

PROJECT DESCRIPTION / JUSTIFICATION:

State Highways Administration (SHA) is currently under design of improvements to US Rt. 40 and Rt. 159 near the intersection of Rt. 7 and Rt. 40. The County has major water transmission mains that parallel both sides of Rt. 40 that are in conflict with the SHA improvements. The County lines are in SHA right of way by license permission only and when road improvements are required it is the responsibility of the County to pay for the water relocations. This project will allow for approximately 1,100 linear feet of 24" water transmission main reconstruction.



PROJECT SCHEDULE:

PROJECT STATUS:

Construction is 98% complete
Waiting final project closeout by SHA

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	3,900,000	0	3,900,000	0	0	0	0	0	3,900,000

Est. Annual Debt Service Cost
\$78,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended \$ 3,256,330
Encumbered \$ 633,998
Total \$ 3,890,328

PROJECT: Underground and Aboveground Storage Tank Management

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

0156002

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

ALL YEARS - required inspections and any corresponding repairs and upgrades to maintain compliance with EPA and MDE regulations

PROJECT STATUS:

This project is ongoing.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	5,000		5,000						5,000
Land Acquisition									0
Construction	15,000		15,000						15,000
Inspection Fees									0
Equipment/Furnishing	30,000		30,000						30,000
Total Cost	50,000	0	50,000	0	0	0	0	0	50,000

FUNDING SCHEDULE

R8750 Paygo	50,000		50,000						50,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	0	0	0	0	0	50,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$ 3,425
 Encumbered 0
 Total \$ 3,425

PROJECT: Water and Sewer Billing Project

WATER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

O156007

PROJECT DESCRIPTION / JUSTIFICATION:

This capital project is to procure and implement a replacement Water and Sewer Utility Billing System. The current billing system is over 30 years old and is based on a previous legacy software system. Because of the expense, maintenance efforts and potential risk of business interruption associated with this technology a replacement application is required. The current system receives revenues of approximately \$27 million annually. Any future general system failure would result in not properly collecting the revenues in a timely manner. A new replacement system would have enhancements that would improve the business process of collecting revenue and improving customer service to over 43,600 water and sewer customers.



PROJECT SCHEDULE:

Develop, procure, and implement 2020-2021

PROJECT STATUS:

Project procurement is underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	16,740
Encumbered	45,120
Total	61,860

PROJECT: Water System Model Study

**WATER
W176018**

COUNCIL DISTRICT: MULTIPLE LOCATION: Countywide

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to update the County's Water EPA NET Hydraulic and Water Quality Model, to evaluate lost water (water audit), to verify the water capital improvement plan, and stage water improvements required based on the census data, To evaluate the new sources of water being provided at APG - Aberdeen and Edgewood, Aberdeen City's Purchase water agreement, and Maryland American.



PROJECT SCHEDULE:

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program following completion of the audit in July, 2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	300,000		300,000						300,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	0	300,000	0	0	0	0	0	300,000

FUNDING SCHEDULE

R8770 Reappropriated	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	0	0	0	300,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended \$298,814
Encumbered \$471
Total 299,285

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM					
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
<u>WATER & SEWER FUND</u>									
<u>FY 22 Funded Projects:</u>									
Bill Bass PS FM Replacement	810,302	900,384	(90,082)	0	0	0	0	0	0
Bio Solids Facilities Enhancements	38,350,000	11,500,000	8,000,000	10,000,000	6,000,000	0	350,000	2,500,000	
Brentwood Park Pumping Station	2,200,000	1,950,000	250,000	0	0	0	0	0	0
Infiltration and Inflow 10	1,100,000	550,000	250,000	0	200,000	0	100,000	0	0
Renewal and Replacement Sewer Infrastructure	3,350,000	1,450,000	700,000	0	600,000	300,000	0	300,000	
Sod Run Facility Improvements	15,982,261	8,100,000	3,532,261	2,150,000	0	0	200,000	2,000,000	
Utility Protection/Restoration	1,500,000	1,300,000	200,000	0	0	0	0	0	0
<u>Outyear Projects</u>									
Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	0	2,000,000	0	0
Edgewood Interceptor Sewer Parallel	1,150,000	650,000	0	0	0	0	0	500,000	
Inventory Storage and Control Improvements	4,585,000	385,000	0	0	0	3,200,000	1,000,000	0	0
Plum Tree Collector Sewer and Pumping Station	2,750,000	0	0	0	0	0	250,000	2,500,000	
Pumping Station Improvements	965,000	565,000	0	0	400,000	0	0	0	0
Sod Run WWTP Ultraviolet Disinfection Project	6,200,000	4,200,000	0	0	0	0	1,000,000	1,000,000	
<u>Open Projects:</u>									
Bush Creek Pump Station	28,400,000	28,400,000	0	0	0	0	0	0	0
Bynum Ridge Replacement Sewer	800,000	800,000	0	0	0	0	0	0	0
Fallston Area Sewer	3,800,000	3,800,000	0	0	0	0	0	0	0
Freys Road Sewer Petition	1,275,000	1,275,000	0	0	0	0	0	0	0
Future Petition Projects	150,000	150,000	0	0	0	0	0	0	0
Hickory Sewer Infrastructure Improvement Project	3,000,000	3,000,000	0	0	0	0	0	0	0
Lower Bynum Run Interceptor Phase 6&7	9,120,324	9,120,324	0	0	0	0	0	0	0
Magnolia Sewer Petition	692,500	692,500	0	0	0	0	0	0	0
Oaklyn Manor/Joppa Area Sewer Relief	1,950,300	1,950,300	0	0	0	0	0	0	0
Town Center Drive Pump Station Replacement	810,567	810,567	0	0	0	0	0	0	0
Woodridge Sewer Petition	4,020,300	4,020,300	0	0	0	0	0	0	0
Sewer Total by Project	135,186,554	85,794,375	12,842,179	12,150,000	7,200,000	3,500,000	4,900,000	8,800,000	
Paygo	20,519,019	14,819,019	1,050,000	0	1,200,000	300,000	350,000	2,800,000	
Prior Paygo	379,329	0	379,329	0	0	0	0	0	0
Future Bonds	42,555,000	0	10,655,000	12,150,000	6,000,000	3,200,000	4,550,000	6,000,000	
Prior Bonds	65,840,716	65,312,256	528,460	0	0	0	0	0	0
Reappropriated	229,390	0	229,390	0	0	0	0	0	0
State	4,717,800	4,717,800	0	0	0	0	0	0	0
Federal	765,300	765,300	0	0	0	0	0	0	0
Developer/Other	180,000	180,000	0	0	0	0	0	0	0
Sewer Total by Fund	135,186,554	85,794,375	12,842,179	12,150,000	7,200,000	3,500,000	4,900,000	8,800,000	

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>WATER & SEWER FUND</u>													
<u>SEWER PROJECTS</u>													
Bill Bass PS FM Replacement	(90,082)	0	0	(90,082)	0	0	0	0	0	0	0	0	0
Bio Solids Facilities Enhancements	8,000,000	0	0	0	8,000,000	0	0	0	0	0	0	0	0
Brentwood Park Pumping Station Improvements	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Infiltration and Inflow	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0
Renewal and Replacement Sewer Infrastructure	700,000	350,000	350,000	0	0	0	0	0	0	0	0	0	0
Sod Run Facility Improvements	3,532,261	29,329	0	618,542	2,655,000	0	229,390	0	0	0	0	0	0
Utility Protection/Restoration	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL SEWER PROJECTS	12,842,179	379,329	1,050,000	528,460	10,655,000	0	229,390	0	0	0	0	0	0

PROJECT: Bill Bass PS FM Replacement

SEWER

COUNCIL DISTRICT: A

LOCATION: Edgewood

S136730

PROJECT DESCRIPTION / JUSTIFICATION:

This project will allow for the funding of design and construction of a new replacement force main (installed in 1969) to the Bill Bass Pump Station. By adding a larger force main, the pump station's capacity can be increased from 15.4 MGD to over 18 MGD. During the design, the existing 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.

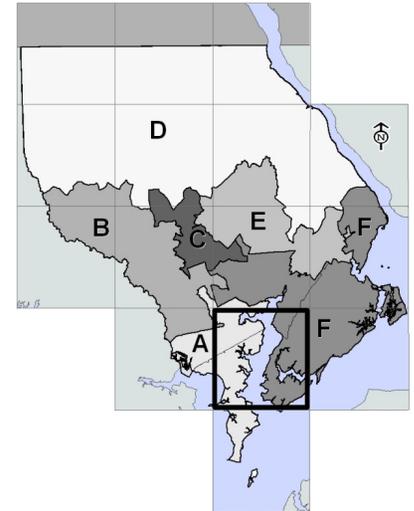
PROJECT SCHEDULE:

Waiting on modeling confirmation prior to construction

PROJECT STATUS:

Project in design phase 65% complete
Working on easement with BGE Constellation

Prior Bonds in the amount of (\$90,082) reallocated to the Sod Run Facility Improvements project S126724.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	700,384	(90,082)	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	900,384	(90,082)	810,302	0	0	0	0	0	810,302

FUNDING SCHEDULE

R7100 Prior Bonds	790,102	(90,082)	700,020						700,020
R8750 Paygo	110,282		110,282						110,282
			0						0
			0						0
			0						0
Total Funds	900,384	(90,082)	810,302	0	0	0	0	0	810,302

Est. Annual Debt Service Cost
\$14,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 389,809
Encumbered 350,037
Total 739,846

PROJECT: Bio Solids Facilities Enhancements

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

S176019

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to fund the enhancements to our bio solids treatment facilities and bio solids recycling/disposal 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 MD. However, nutrient controls being imposed by the State Department of Agriculture and MDE to help protect the Chesapeake Bay are dramatically affecting the ability to recycle these materials. Reduced application rates and time of year restrictions will create a significant impact to our program. A study was initiated in 2013 to investigate and evaluate cost effective, environmentally sound and socially acceptable alternatives for our bio solids program. The study recommended advances to our solids treatment train, nutrient recovery, enhanced drying dewatering, storage, beneficial utilization and optimization of biogas, and beneficial reuse of the dried bio solids.



PROJECT SCHEDULE:

Dewatering building construction 65% complete
 Construction completion summer 2020
 Drying facility design winter 2020-2021

PROJECT STATUS:

Construction on track
 Design scope for drying fall 2020
 Design of biogas optimization under way

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,350,000		1,350,000						1,350,000
Land Acquisition									0
Construction	9,600,000	8,000,000	17,600,000	10,000,000	6,000,000		350,000	2,500,000	36,450,000
Inspection Fees	550,000		550,000						550,000
Equipment/Furnishing									0
Total Cost	11,500,000	8,000,000	19,500,000	10,000,000	6,000,000	0	350,000	2,500,000	38,350,000

FUNDING SCHEDULE

R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	11,300,000		11,300,000						11,300,000
R7000 Future Bonds		8,000,000		10,000,000	6,000,000		350,000	2,500,000	26,850,000
									0
									0
									0
Total Funds	11,500,000	8,000,000	11,500,000	10,000,000	6,000,000	0	350,000	2,500,000	38,350,000

Est. Annual Debt Service Cost
 \$226,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$ 5,112,445
 Encumbered \$ 509,690
 Total \$ 5,622,135

PROJECT: Brentwood Park Pumping Station Improvements

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

S186057

PROJECT DESCRIPTION / JUSTIFICATION:

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.

PROJECT SCHEDULE:

Construction anticipated for calendar year 2021.



PROJECT STATUS:

Design is 95% complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	100,000		100,000						100,000
Land Acquisition									0
Construction	1,850,000		1,850,000						1,850,000
Inspection Fees		250,000							0
Equipment/Furnishing									0
Total Cost	1,950,000	250,000	1,950,000	0	0	0	0	0	1,950,000

FUNDING SCHEDULE

R8750 Paygo	700,000	250,000	950,000						950,000
R7100 Prior Bonds	1,250,000		1,250,000						1,250,000
									0
									0
									0
Total Funds	1,950,000	250,000	2,200,000	0	0	0	0	0	2,200,000

Est. Annual Debt Service Cost
\$25,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	\$	182,870
Encumbered	\$	42,700
Total	\$	225,570

PROJECT: Infiltration and Inflow

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

S106714

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to identify and locate major sources of infiltration and inflow in the County's majors 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 sewer master plan, if needed.

PROJECT SCHEDULE:

Manhole evaluations anticipated for calendar year 2021 - 2022. Modeling calendar year 2021.



PROJECT STATUS:

Ongoing

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	250,000	250,000	500,000						500,000
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	550,000	250,000	800,000	0	200,000	0	100,000	0	1,100,000

FUNDING SCHEDULE

R8750 Paygo	550,000	250,000	800,000		200,000		100,000		1,100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	550,000	250,000	800,000	0	200,000	0	100,000	0	1,100,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 297,023
 Encumbered 1,650
 Total 298,673

PROJECT: Renewal and Replacement Sewer Infrastructure

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

S126726

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide funding for modeling, design, and construction to refurbish or replace major sewer mains, manholes, vaults, booster stations, and apparatus that have reached or are nearing the end of their useful life.



PROJECT SCHEDULE:

Reline or replace sewer line section downstream of pumping station discharge manholes. Anticipated for calendar year 2021-2022.

PROJECT STATUS:

This project is ongoing and is used as required when advanced deterioration of piping system is discovered through various field investigations. **\$350 Prior Paygo reallocated from the SHA Projects**

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design									0
Land Acquisition									0
Construction	1,450,000	700,000	2,150,000		600,000	300,000		300,000	3,350,000
Inspection Fees									0
Equipment/Furnishing									0
Total Cost	1,450,000	700,000	2,150,000	0	600,000	300,000	0	300,000	3,350,000

FUNDING SCHEDULE

R8750 Paygo	1,450,000	350,000	1,800,000		600,000	300,000		300,000	3,000,000
R8751 Prior Paygo		350,000	350,000						350,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,450,000	700,000	2,150,000	0	600,000	300,000	0	300,000	3,350,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	\$	611,494
Encumbered	\$	482,356
Total	\$	1,093,850

PROJECT: Sod Run Facility Improvements

SEWER

COUNCIL DISTRICT: F

LOCATION: Perryman

S126724

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide for studies, design, and construction of improvements to various tanks, vaults, buildings, electrical systems, and instrumentation process equipment which is approaching the end of its useful life. It will also allow for the implementation of an Asset Management Program to organize and optimize a comprehensive work order, inventory, and schedule timely and efficient maintenance projects. Projects undertaken will extend the useful life of the asset by 10 to 20 years.

PROJECT SCHEDULE:

New methanol tank construction design summer 2020; new digester pumps construction 2020; new scaffolding in denitrification filter construction 2020; digester design upgrades 2019-2020

Prior Paygo in the amount of (\$29,329) from the Tank Painting Capital Project W176668; reappropriated \$229,636 from Recovery.

Prior Bonds reallocated from:	500,000	City of Baltimore Raw Water W126719
	90,082	Bill Bass PS FM Replacement S136730
	28,460	Abingdon Road Water W086687
	<u>618,542</u>	



PROJECT STATUS:

Design complete on new methanol tank, digester pumps and denitrification filter, and scaffolding. Digester upgrade in preliminary design.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	3,250,000	1,729,329	4,979,329						4,979,329
Land Acquisition	1,000,000		1,000,000						1,000,000
Construction	3,850,000	1,802,932	5,652,932	2,150,000	0		200,000	2,000,000	10,002,932
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,100,000	3,532,261	11,632,261	2,150,000	0	0	200,000	2,000,000	15,982,261

FUNDING SCHEDULE

R8750 Paygo	4,200,000		4,200,000						4,200,000
R7100 Prior Bonds	3,900,000	618,542	4,518,542						4,518,542
R7000 Future Bonds		2,655,000	2,655,000	2,150,000	0		200,000	2,000,000	7,005,000
R8750 Prior Paygo		29,329	29,329						29,329
R8770 Reappropriated		229,390	229,390						229,390
			0						0
Total Funds	8,100,000	3,532,261	11,632,261	2,150,000	0	0	200,000	2,000,000	15,982,261

Est. Annual Debt Service Cost
\$143,471

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21
 Expended \$ 1,534,869
 Encumbered \$ 1,086,253
 Total \$ 2,621,122

PROJECT: Utility Protection/Restoration

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

S086698

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall allow for the study, design, and construction of stream protection where the streams are impacting or threatening to impact our utilities.



PROJECT SCHEDULE:

PROJECT STATUS:

This project is under design

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	450,000	200,000	650,000						650,000
Land Acquisition			0						0
Construction	850,000		850,000						850,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,300,000	200,000	1,500,000	0	0	0	0	0	1,500,000

FUNDING SCHEDULE

R8750 Paygo	1,300,000	200,000	1,500,000						1,500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,300,000	200,000	1,500,000	0	0	0	0	0	1,500,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended \$ 215,880
Encumbered 0
Total \$ 215,880

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: Delta WWTP Plant Upgrades

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Delta, PA

S186074

PROJECT DESCRIPTION / JUSTIFICATION:

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, 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.



PROJECT SCHEDULE:

PROJECT STATUS:

The project scope is currently being finalized by the Delta Authority Engineer.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	225,000		225,000				2,000,000		2,225,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	225,000	0	225,000	0	0	0	2,000,000	0	2,225,000

FUNDING SCHEDULE

R8750 Paygo	225,000		225,000						225,000
R7000 Future Bonds			0				2,000,000		2,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	225,000	0	225,000	0	0	0	2,000,000	0	2,225,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 5,884
 Encumbered 0
 Total 5,884

PROJECT: Edgewood Interceptor Sewer Parallel

SEWER

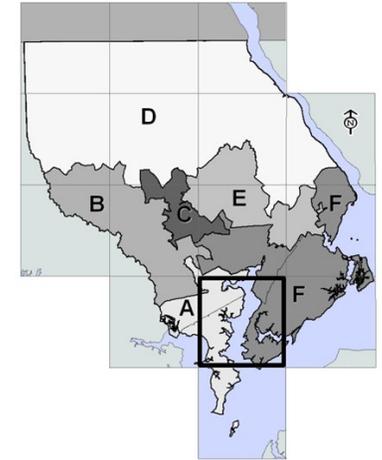
COUNCIL DISTRICT: A

LOCATION: Edgewood

S106712

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall allow for the design and construction of 36 inch parallel sewer between Bill Bass Pump Station and contract #6044 (Winter's Run Outfall sewer).



PROJECT SCHEDULE:

Modeling evaluation in 2021

PROJECT STATUS:

Preliminary design complete
 Alternative alignments needed to be evaluated
 Modeling needs to be completed

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	500,000	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
			0						0
Total Funds	650,000	0	650,000	0	0	0	0	500,000	1,150,000

Est. Annual Debt Service Cost
13,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21
 Expended 181,806
 Encumbered 0
 Total 181,806

PROJECT: Inventory Storage and Control Improvements

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Sod Run WWTP & Abingdon WWTP

S186104

PROJECT DESCRIPTION / JUSTIFICATION:

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 system 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 current building storage capabilities as well as design and construct new storage structures. The goal 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 applications.



PROJECT SCHEDULE:

Study and preliminary design are complete.

PROJECT STATUS:

Final design and construction anticipated for fiscal year 2024-2025.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	385,000		385,000						385,000
Land Acquisition			0						0
Construction			0			3,200,000	1,000,000		4,200,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	385,000	0	385,000	0	0	3,200,000	1,000,000	0	4,585,000

FUNDING SCHEDULE

R8750 Paygo	385,000		385,000						385,000
R7000 Future Bonds			0			3,200,000	1,000,000		4,200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	385,000	0	385,000	0	0	3,200,000	1,000,000	0	4,585,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 61,571
 Encumbered 69,417
 Total 130,988

PROJECT: Plum Tree Collector Sewer and Pumping Station

SEWER

COUNCIL DISTRICT: A

LOCATION: Bel Air

SNE5404

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

Design outyear
Construction outyear

PROJECT STATUS:

Modeling dependent

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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	0	250,000	2,500,000	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 Funds	0	0	0	0	0	0	250,000	2,500,000	2,750,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of:

Expended	0
Encumbered	0
Total	0

PROJECT: Pumping Station Improvements

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

SEWER

S186112

PROJECT DESCRIPTION / JUSTIFICATION:

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.

PROJECT SCHEDULE:

- Study/design - Summer 2019 through 2022
- Construction in 2020-2021
- Controls at Pine Ridge Road pump station
- Controls at Bill Bass pump station
- Roy F. Williams Pump Station easement/upgrade
- Brentwood Park/Towne Center Drive

PROJECT STATUS:

Screening and rag study 50% complete.
 Roye F. Williams design is complete, construction planned for winter 2021.



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	215,000		215,000						215,000
Land Acquisition			0						0
Construction	350,000		350,000		400,000				750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	565,000	0	565,000	0	400,000	0	0	0	965,000

FUNDING SCHEDULE

R8750 Paygo	565,000		565,000		400,000				965,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	565,000	0	565,000	0	400,000	0	0	0	965,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 49,481
 Encumbered 62,026
 Total 111,507

PROJECT: Sod Run WWTP Ultraviolet Disinfection Project

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Water and Sewer

S186113

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

Construction planned for 2027.

PROJECT STATUS:

Design is 95% complete
Construction in 2027

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	4,000,000		4,000,000				1,000,000	1,000,000	6,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,200,000	0	4,200,000	0	0	0	1,000,000	1,000,000	6,200,000

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			0				1,000,000	1,000,000	2,000,000
			0						0
			0						0
			0						0
Total Funds	4,200,000	0	4,200,000	0	0	0	1,000,000	1,000,000	6,200,000

Est. Annual Debt Service Cost
\$80,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	\$	137,801
Encumbered	\$	58,975
Total	\$	196,776

OPEN/ACTIVE PROJECTS

PROJECT: Bush Creek Pump Station

SEWER

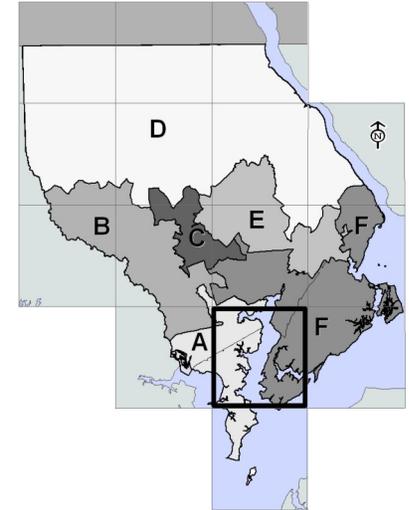
COUNCIL DISTRICT: A

LOCATION: Abingdon

S086692

PROJECT DESCRIPTION / JUSTIFICATION:

This project is needed to bring the existing Bush Creek Pump Station up to a safe pumping capacity of 28 mgd and also to replace the 1968 force main under the Bush River. This project is required in order to safely deliver the current and projected wastewater flow to the Bynum Run drainage area. In addition, this project must construct part of the Sod Run Interceptor II and new gravity main through River Colony in Perryman.



PROJECT SCHEDULE:

Evaluate controls and pump design 2021
 Modify pumps and controls 2021

PROJECT STATUS:

Gravity sewer and force main construction complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	1,983,283		1,983,283						1,983,283
Land Acquisition									0
Construction	26,416,717		26,416,717						26,416,717
Inspection Fees									0
Equipment/Furnishing									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
Total Funds	28,400,000	0	28,400,000	0	0	0	0	0	28,400,000

Est. Annual Debt Service Cost
530,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$26,117,070
 Encumbered \$0
 Total \$26,117,070

PROJECT: Bynum Ridge Replacement Sewer

SEWER

COUNCIL DISTRICT: D

LOCATION: Rock Spring

S156010

PROJECT DESCRIPTION / JUSTIFICATION:

This project is located in the Bynum Ridge subdivision adjacent to Bowles Terrace and consists of two phases. This project will cover the County's 60% reimbursement portion for Phase I 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

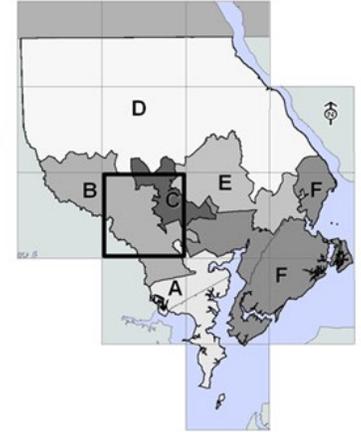
Phase 2 - consists of approximately 795' of 15 inch sewer which replaces the 12 inch sewer between lots 13 to 16 and 20 to 27, built under contract 6010

PROJECT SCHEDULE:

ROW and Design Underway

PROJECT STATUS:

Project is developer dependent



EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	800,000	0	800,000	0	0	0	0	0	800,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$ 639,972
 Encumbered 0
 Total \$ 639,972

PROJECT: Fallston Area Sewer

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

S196165

PROJECT DESCRIPTION / JUSTIFICATION:

This project includes design and construction for rehabilitation of existing sewer mains and pumping stations as defined in the Fallston Sewer Capacity Study, and upgrades to the mains and pumping stations required to serve future growth. The costs for the upgrades will be reimbursed to the County through surcharges from future growth in this area.

PROJECT SCHEDULE:

Engineering and design future year



PROJECT STATUS:

Study/evaluation complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				2023	2024	2025	2026	2027	
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
			0						0
Total Funds	3,800,000	0	3,800,000	0	0	0	0	0	3,800,000

Est. Annual Debt Service Cost
76,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 03/22/21:

Expended	0
Encumbered	0
Total	0

PROJECT: Freys Road Sewer Petition

SEWER

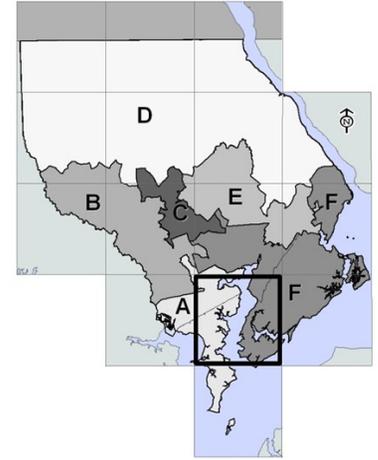
COUNCIL DISTRICT: A

LOCATION: Edgewood

S196190

PROJECT DESCRIPTION / JUSTIFICATION:

This sewer petition will provide 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.



PROJECT SCHEDULE:

Construction 90% complete - bid ready in August 2020. Construction 2020-2021.

PROJECT STATUS:

Design is 90% complete
Easement acquisition underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	1,275,000	0	1,275,000	0	0	0	0	0	1,275,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	0

PROJECT: Future Petition Projects

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: MULTIPLE

S215403

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funding for design of future sewer petition projects.



PROJECT SCHEDULE:

PROJECT STATUS:

Design scope in development
 Projects maybe grant reimbursable

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2026	
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	150,000		150,000						150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	150,000	0	150,000	0	0	0	0	0	150,000

Est. Annual Debt Service Cost
 \$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	0

PROJECT: Hickory Sewer Infrastructure Improvement Project

SEWER

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

S196211

PROJECT DESCRIPTION / JUSTIFICATION:

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 this area.



PROJECT SCHEDULE:

Engineering and Design anticipated for 2021

PROJECT STATUS:

Design scope in development

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000

Est. Annual Debt Service Cost
\$60,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	0

PROJECT: Lower Bynum Run Interceptor Phase 6&7

SEWER

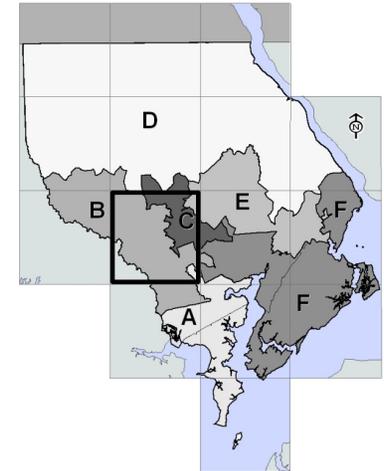
COUNCIL DISTRICT: C

LOCATION: Emmorton

S096703

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide for the funding of design, permits, and construction of a parallel to the existing Bynum Run interceptor, from Wheel Road to the Plumtree Interceptor, near MacPhail. This project consists of two phases. Phase 6 is approximately 5,200 LF from GIS Asset ID manhole #104091 and traverse from Wheel Road to Patterson Mill Road. Phase 7 is approximately 6,400 LF from GIS Asset ID manhole #104091 to manhole #104200 and runs from near Patterson Mill Road to MacPhail Road. This project is required to ensure capacity for new connections in the Development Envelope surrounding Bel Air and to help avoid sanitary sewer overflows.



PROJECT SCHEDULE:

Phase 7 is complete.

The design for phase 6 of the project is modeling dependent, estimated for calendar year 2021.

PROJECT STATUS:

Phase 7 complete

Phase 6 is modeling dependent

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	9,120,324	0	9,120,324	0	0	0	0	0	9,120,324

Est. Annual Debt Service Cost
\$172,943

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 7,615,165
Encumbered 0
Total 7,615,165

PROJECT: Magnolia Sewer Petition

SEWER

COUNCIL DISTRICT: B

LOCATION:

S205428

PROJECT DESCRIPTION / JUSTIFICATION:

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. Expect \$72,000 in grant funding from the Storm Water Management Septic System Disconnection Program.



PROJECT SCHEDULE:

Design in 2020 and construction in 2021.

PROJECT STATUS:

Design scope has been finalized.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
			0						0
Total Funds	692,500	0	692,500	0	0	0	0	0	692,500

Est. Annual Debt Service Cost
\$1,700

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 6,931
 Encumbered 8,741
 Total 15,672

PROJECT: Oaklyn Manor/Joppa Area Sewer Relief

SEWER

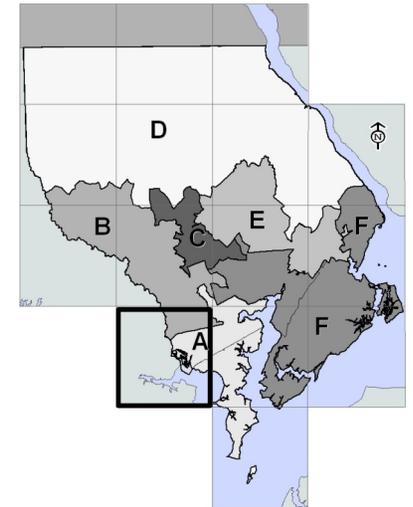
COUNCIL DISTRICT: A

LOCATION: Joppa

S137016

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall provide for the construction of a relief sewer to be installed along Joppa Farm Road from the terminus of the force main from PS#47 running to the Joppatowne WWTP so that additional wastewater can be treated at the treatment plant, thereby allowing the ability for additional capacity to be recovered at the Pine Road PS. This relief sewer, along with control modification at PS#47, will provide the capacity necessary so that those properties north of the CSX railroad can gravity flow into Pine Road pump station. This project shall extend gravity sewer under the CSX railroad from Joppa Rt. 40 pump station #52 heading north towards Oaklyn Manor/Joppa Area and running parallel in BG&E property, crossing under an unnamed stream to its terminus on the other side of the stream. At this point local development can extend the system both West and East to facilitate the eventual abandonment of existing septic systems which flow gravity toward Route 40. This is a cost sharing project with a developer. The PWA will determine the cost share.



PROJECT SCHEDULE:

PROJECT STATUS:

Phase A complete

Phase B on hold; awaiting developer agreement

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,950,300		1,950,300						1,950,300
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,950,300	0	1,950,300	0	0	0	0	0	1,950,300

FUNDING SCHEDULE

R3199 Federal Other	765,300		765,300						765,300
R7100 Prior Bonds	1,005,000		1,005,000						1,005,000
R6330 Developer	180,000		180,000						180,000
			0						0
			0						0
			0						0
Total Funds	1,950,300	0	1,950,300	0	0	0	0	0	1,950,300

Est. Annual Debt Service Cost
\$20,100

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	1,464,291
Encumbered	0
Total	1,464,291

PROJECT: Town Center Drive Pump Station Replacement

SEWER

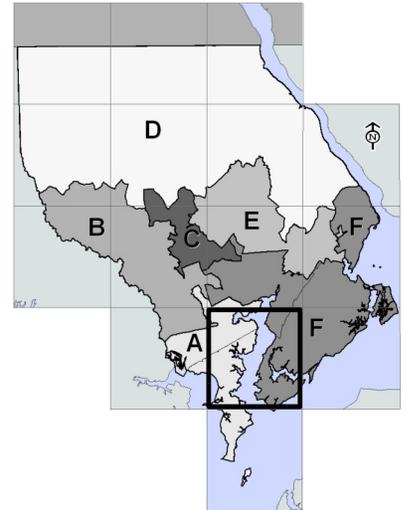
COUNCIL DISTRICT: A

LOCATION: Joppatowne

S146737

PROJECT DESCRIPTION / JUSTIFICATION:

This project will allow for the design and construction of a replacement pump station in Joppatowne. The existing pump station was originally built in the 1960's. This project entails upgrades to the electrical controls, pump motors, HVAC, Roof, coatings for walls, exterior siding improvements, new flow meter and other improvements to update the station. Pump station capacity will remain at 690 gpm.



PROJECT SCHEDULE:

Design is 100% complete.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	350,000		350,000						350,000
Land Acquisition			0						0
Construction	460,567		460,567						460,567
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	810,567	0	810,567	0	0	0	0	0	810,567

FUNDING SCHEDULE

R8750 Paygo	810,567		810,567						810,567
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	810,567	0	810,567	0	0	0	0	0	810,567

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended \$ 87,967
 Encumbered \$ 499,561
 Total \$ 587,528

PROJECT: Woodridge Sewer Petition

COUNCIL DISTRICT: B

LOCATION: Fallston

SEWER

S205429

PROJECT DESCRIPTION / JUSTIFICATION:

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 Bela Air Road, North of Whitaker Mill Road, and East of Joppa Road.

PROJECT SCHEDULE:

Design phase anticipated 2021, construction calendar year 2022.



PROJECT STATUS:

Design scope in development

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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 Funds	4,020,300	0	4,020,300	0	0	0	0	0	4,020,300

Est. Annual Debt Service Cost
\$7,700

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
 Expended 0
 Encumbered 0
 Total 0

**HARFORD COUNTY, MARYLAND
FY 22 APPROVED CAPITAL IMPROVEMENT PROGRAM**

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET	FIVE YEAR CAPITAL PROGRAM					
			YEAR FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
<u>WATER & SEWER FUND</u>									
<u>WATER & SEWER MISCELLANEOUS PROJECTS</u>									
<u>FY 22 Funded Projects:</u>									
Efficiency Capital Investment Projects	455,000	430,000	25,000	0	0	0	0	0	0
Fleet Replacement	11,472,000	6,922,000	550,000	800,000	800,000	800,000	800,000	800,000	800,000
Lease Revenue	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Water & Sewer Facilities Repair Program	1,750,000	500,000	500,000	0	500,000	250,000	0	0	0
<u>Outyear Projects</u>									
Refresh Program	1,017,000	767,000	0	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,291,650	3,916,650	0	75,000	75,000	75,000	75,000	75,000	75,000
<u>Open Projects:</u>									
HMAN (Harford County Metro Area Network)	1,220,000	1,220,000	0	0	0	0	0	0	0
Fleet Maintenance Facility	1,420,000	1,420,000	0	0	0	0	0	0	0
Miscellaneous Total by Project	28,625,650	16,175,650	2,075,000	1,925,000	2,425,000	2,175,000	1,925,000	1,925,000	1,925,000
Paygo	18,075,650	12,875,650	575,000	925,000	925,000	925,000	925,000	925,000	925,000
Prior Paygo	0	0	0	0	0	0	0	0	0
Future Bonds	1,250,000	0	500,000	0	500,000	250,000	0	0	0
Prior Bonds	1,920,000	1,920,000	0	0	0	0	0	0	0
Lease Finance	7,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Reappropriated	0	0	0	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0	0
Federal	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0
Sewer Total by Fund	28,625,650	16,175,650	2,075,000	1,925,000	2,425,000	2,175,000	1,925,000	1,925,000	1,925,000

FY 22 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
<u>WATER & SEWER FUND</u>													
<u>WATER & SEWER MISCELLANEOUS</u>													
Efficiency Capital Investment Projects	25,000	0	25,000	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	550,000	0	550,000	0	0	0	0	0	0	0	0	0	0
Lease Revenue Water & Sewer	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0
Water & Sewer Facilities Repair Program	500,000	0	0	0	500,000	0	0	0	0	0	0	0	0
SUB-TOTAL MISCELLANEOUS PROJECTS	2,075,000	0	575,000	0	500,000	1,000,000	0	0	0	0	0	0	0

PROJECT: Efficiency Capital Investment Projects

WATER & SEWER - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

O166009

PROJECT DESCRIPTION / JUSTIFICATION:

This project will identify and implement infrastructure projects at the Department of Public Works, Water and Sewer facilities annually. This will increase operational efficiency through reducing costs and the County's environmental footprint. This project will emphasize making facilities safe, secure, functional and efficient for the delivery of services to the constituents of Harford County.



PROJECT SCHEDULE:

Complete lighting retrofit at Aberdeen Water Treatment Plant, Perryman and Havre de Grace Water Treatment Plant
 Complete Building Energy Performance Assessments
 All years - Implement energy efficient measures

PROJECT STATUS:

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	260,000	25,000	285,000						285,000
Inspection Fees			0						0
Equipment/Furnishing	145,000		145,000						145,000
Total Cost	430,000	25,000	455,000	0	0	0	0	0	455,000

FUNDING SCHEDULE

R3399 State Other	380,000		380,000						380,000
R8750 Paygo	50,000	25,000	75,000						75,000
			0						0
			0						0
			0						0
			0						0
Total Funds	430,000	25,000	455,000	0	0	0	0	0	455,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
 Expended 233,192
 Encumbered 0
 Total \$ 233,192

PROJECT: Fleet Replacement

WATER & SEWER - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

0126727

PROJECT DESCRIPTION / JUSTIFICATION:

Provide funds for the replacement of essential vehicles and equipment to enable using agencies to perform their critical jobs. Funds will allow the county to maintain a consistent rotation, which lowers maintenance costs, fuel efficiency, and fleet availability. Units to be replaced are on average 10 years old which have high mileage and are unreliable.

PROJECT SCHEDULE:

This project will be managed/controlled by the Department of Procurement, Fleet Management Division.



PROJECT STATUS:

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	6,922,000	550,000	7,472,000	800,000	800,000	800,000	800,000	800,000	11,472,000
Total Cost	6,922,000	550,000	7,472,000	800,000	800,000	800,000	800,000	800,000	11,472,000

FUNDING SCHEDULE

R8750 Paygo	6,922,000	550,000	7,472,000	800,000	800,000	800,000	800,000	800,000	11,472,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	6,922,000	550,000	7,472,000	800,000	800,000	800,000	800,000	800,000	11,472,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/22/21:
 Expended \$ 5,893,309
 Encumbered \$ 990,541
 Total \$ 6,883,850

PROJECT: Lease Revenue

WATER & SEWER - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Various

O215402

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000
Total Cost	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000

FUNDING SCHEDULE

R7150 - Lease Finance	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	0
Encumbered	0
Total	\$0

PROJECT: Water & Sewer Facilities Repair Program

WATER & SEWER - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

W205427

PROJECT DESCRIPTION / JUSTIFICATION:

This project will allow for an umbrella facilities repair fund for county water & Sewer buildings. The program would allow for the timely repair or replacement of deteriorating roofs, parking lots, HVAC equipment, windows and other building structures.



PROJECT SCHEDULE:

- FY 22 - Abingdon Shop Building HVAC
- Sod Run grit building roof
- Pumping station #47 HVAC
- Various pumping stations paving projects
- Abingdon Maintenance Admin Building HVAC

PROJECT STATUS:

This project is ongoing.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0						0
Construction		500,000	500,000		500,000	250,000			1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	500,000	500,000	1,000,000	0	500,000	250,000	0	0	1,750,000

FUNDING SCHEDULE

R7100 Prior Bonds	500,000		500,000						500,000
R7000 Future Bonds		500,000	500,000		500,000	250,000			1,250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	500,000	1,000,000	0	500,000	250,000	0	0	1,750,000

Est. Annual Debt Service Cost
\$20,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:

Expended	99,638
Encumbered	30,161
Total	129,799

OUTYEAR PROJECTS

FY 23 - FY 27

PROJECT: Refresh Program

WATER & SEWER - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

O136733

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

This project will be managed/controlled by the Department of ICT

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	767,000		767,000	50,000	50,000	50,000	50,000	50,000	1,017,000
Total Cost	767,000	0	767,000	50,000	50,000	50,000	50,000	50,000	1,017,000

FUNDING SCHEDULE

R8750 Paygo	767,000		767,000	50,000	50,000	50,000	50,000	50,000	1,017,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	767,000	0	767,000	50,000	50,000	50,000	50,000	50,000	1,017,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/22/21:
 Expended \$ 549,840
 Encumbered \$ 4,278
 Total \$ 554,118

PROJECT: Safeguarding Business Operations

WATER & SEWER - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

O116716

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

This project will be managed/controlled by the Department of ICT

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	202 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,916,650		3,916,650	75,000	75,000	75,000	75,000	75,000	4,291,650
Total Cost	3,916,650	0	3,916,650	75,000	75,000	75,000	75,000	75,000	4,291,650

FUNDING SCHEDULE

R8750 Paygo	3,916,650		3,916,650	75,000	75,000	75,000	75,000	75,000	4,291,650
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	3,916,650	0	3,916,650	75,000	75,000	75,000	75,000	75,000	4,291,650

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/22/21:
 Expended \$ 3,362,399
 Encumbered \$ 72,826
 Total \$ 3,435,225

OPEN/ACTIVE PROJECTS

PROJECT: HMAN (Harford County Metro Area Network)

WATER & SEWER - MISCELLANEOUS

COUNCIL DISTRICT: MULTIPLE

LOCATION: Countywide

O136732

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

Connection to Sod Run Complete
Project close out pending

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	1,220,000		1,220,000						1,220,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,220,000	0	1,220,000	0	0	0	0	0	1,220,000

FUNDING SCHEDULE

R8750 Paygo	1,220,000		1,220,000						1,220,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,220,000	0	1,220,000	0	0	0	0	0	1,220,000

Est. Annual Debt Service Cost
\$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/22/21:
Expended 1,154,772
Encumbered 17,518
Total \$ 1,172,290

PROJECT: Fleet Maintenance Facility

WATER & SEWER - MISCELLANEOUS

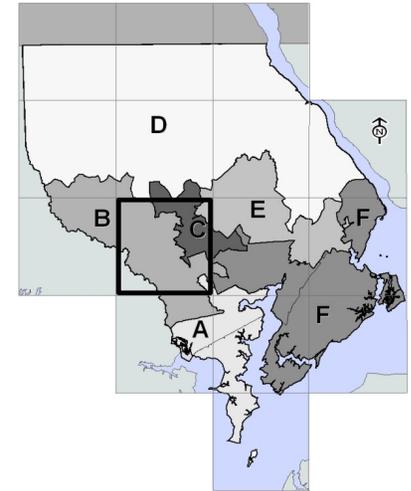
COUNCIL DISTRICT: C

LOCATION: Hickory

0186037

PROJECT DESCRIPTION / JUSTIFICATION:

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.



PROJECT SCHEDULE:

FY19 - Design
FY20 - Construction

PROJECT STATUS:

Project is currently under construction and on schedule.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2022 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
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
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,420,000	0	1,420,000	0	0	0	0	0	1,420,000

Est. Annual Debt Service Cost
\$28,400

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/22/21:
Expended 445,212
Encumbered 567,174
Total \$1,012,386