HARFORD COUNTY

BARRY GLASSMAN, COUNTY EXECUTIVE

Fiscal Year 2021

APPROVED

Annual Capital Budget& Capital Improvement Program

HARFORD COUNTY, MARYLAND

APPROVED ANNUAL CAPITAL BUDGET AND CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2020-2021

BARRY GLASSMAN, COUNTY EXECUTIVE

Director of Administration

Billy Boniface

Office of Budget and Efficiency

Kimberly Spence, Chief

Benjamin Lloyd, Senior Budget Anaylst
Marlana McKenna, Project Coordinator
Christen Sullivan, Senior Budget Analyst
Wiliam T. Watson, Senior Budget Analyst

Treasurer

Robert Sandlass

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 - Disctrict F

Harford County Government
Department of Administration, Office of Budget and Efficiency
220 South Main Street, Bel Air, MD 21014
410.638.3129
July, 2020

Elected Officials

Harford County Government

County Executive

Barry Glassman

Elected Officials

Harford County Council

Andre V. Johnson
District A

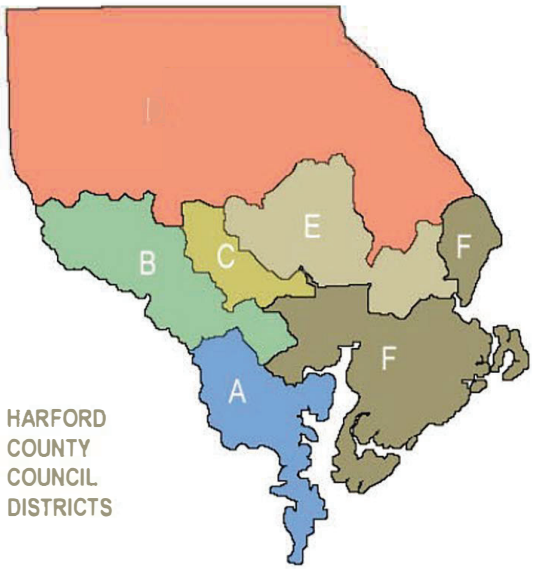
Joseph M. Woods
District B

Patrick S. Vincenti
Council President

Tony Giangiordano
District C

Chad Shrodes
District D

Robert S. Wagner
District E



HARFORD
COUNTY
COUNCIL
DISTRICTS

Curtis L. Beulah
District F

GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

Harford County

Maryland

For the Fiscal Year Beginning

July 1, 2019

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, 2019.

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

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

HARFORD COUNTY, MARYLAND
ANNUAL APPROVED CAPITAL BUDGET AND CAPITAL IMPROVEMENT
PROGRAM FISCAL YEAR 2020-2021
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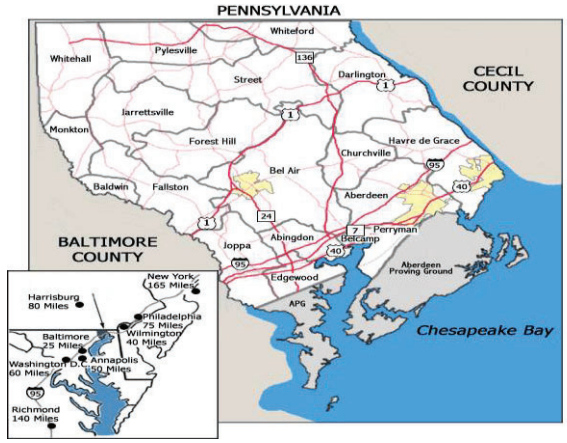
INTRODUCTION

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.

IV FACTORS FOR INCLUSION IN THE CAPITAL PROGRAM

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

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

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

V CAPITAL PROGRAM PROJECT PROFILE

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

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

- Acquisition of property (either land or improvement) or easements for: building sites; rights-of-way; purposes of conservation or preservation; and other public improvements such as parks and recreation areas.

- Site improvements that may include drainage, water supply, sewerage or other utilities as well as access and grading for specified public use.

- Major capital equipment and equipment systems as well as acquisition of major automated systems involving hardware, software and training.

- Other capital assets which have a long-term operational or economic value.

- Planning and feasibility studies to consider the acquisition, construction, or improvement of permanent assets or physical infrastructure as noted above.

VI THE BASIS FOR HARFORD COUNTY'S CAPITAL BUDGET POLICY

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

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

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

INTRODUCTION

A HARFORD COUNTY CHARTER, ARTICLE V, BUDGET AND FINANCE

1 ARTICLE V, BUDGET AND FINANCE

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

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

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

The County may incur debt per the Charter, however:

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

2 PLANNING ADVISORY BOARD

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

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.

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

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

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

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

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

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.

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

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

B MULTIPLE USE OF FACILITIES

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

IX HARFORD COUNTY'S ACCOUNTING POLICIES

A FUND CATEGORIES

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

Harford County Government maintains seven individual governmental funds:

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

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

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

B BASIS OF ACCOUNTING

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

C BASIS OF BUDGETING

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

X HARFORD COUNTY'S BUDGET POLICIES

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

A FUND STRUCTURE

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

B CAPITAL BUDGET AND CAPITAL IMPROVEMENT PROGRAM – Harford County Charter, Section 507,

Contents of the Capital Budget and Capital Program, calls for "a statement of the receipts anticipated during the ensuing fiscal year from all borrowing and from other sources for capital projects."

1 PROJECT TYPES

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

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

Companies, the Board of Education, Harford Community College, and/or the County's Library System.

b. Highways Projects – are funded with County Highway revenues, Federal, State, Developer, and "Other" funds. The projects include: roads, bridges, resurfacing and other projects which fall under the purview of the County's Department of Public Works.
c. Parks and Recreation Projects – are those for which the County's Department of Parks and Recreation is directly responsible. They are funded with Parks and Recreation Special Fund revenues, Recordation Tax receipts, Federal, State, and Program Open Space funds.
d. Water and Sewer Projects – encompass any capital improvements or renovations to the County owned Water and Sewer System. In addition to Federal and State funds, the projects are supported with revenues derived from developers and system customers. County General Funds are not used for these projects.

2 **CAPITAL FUNDS** - The various "Funds", used to record the receipt and application of resources for these projects, are appropriated, spent, and recorded separately based on legal requirements, the source, or the nature of the project they provide for. They include:

a. Pay-As-You-Go – In accordance with the County's Five Year Business Plan and Debt Management policies, Paygo will continue to be used for minor renovation and repair projects which have an asset life of less than ten years.
b. General Obligation Bonds – Also known as full faith and credit bonds, their quality and payment is based on the general credit and taxing power of the County. The County must take whatever actions are necessary to assure repayment. Typically, such bonds are used to finance the capital portion of tax supported general public purpose governmental activities with schools, libraries, and public safety buildings being the most common uses of bond proceeds.
c. Lease Finance – Arrangements to secure short-term funding for certain renovation/repair projects and equipment purchases.
d. Reappropriated – These funds are reallocated from one project to another.
e. Program Open Space – These funds are to support recreation opportunities and come from the State of Maryland through the collection of a State Transfer Tax on real property.
f. State Aid – State funding to assist Harford County in the financing of various capital projects.
g. Recordation Tax – A tax imposed on every instrument of writing recorded or offered for record with the Clerk of Circuit Court (liens, deeds, mortgages, etc.). They are assessed at the rate of $6.60 per $1,000 value of the recorded instruments filed with the Clerk of the Circuit Court for Harford County. Of this assessed amount, $4.40 is dedicated for school debt service first, then new construction or major and capital improvements to existing school facilities. $1.10 is dedicated to an open space land and recreational fund

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

h. Transfer Tax – A 1% Transfer Tax on any instrument of writing that conveys title to, or a leasehold interest in, real property. The proceeds are distributed 50% to the County's Agricultural Land Preservation Program, and 50% to fund school site acquisition, school construction, or school debt service.

i. Impact Fee – The Maryland General Assembly adopted House Bill 965 (Article 24, Subtitle 10A, Harford County School Construction Financing Section 9-10A-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.

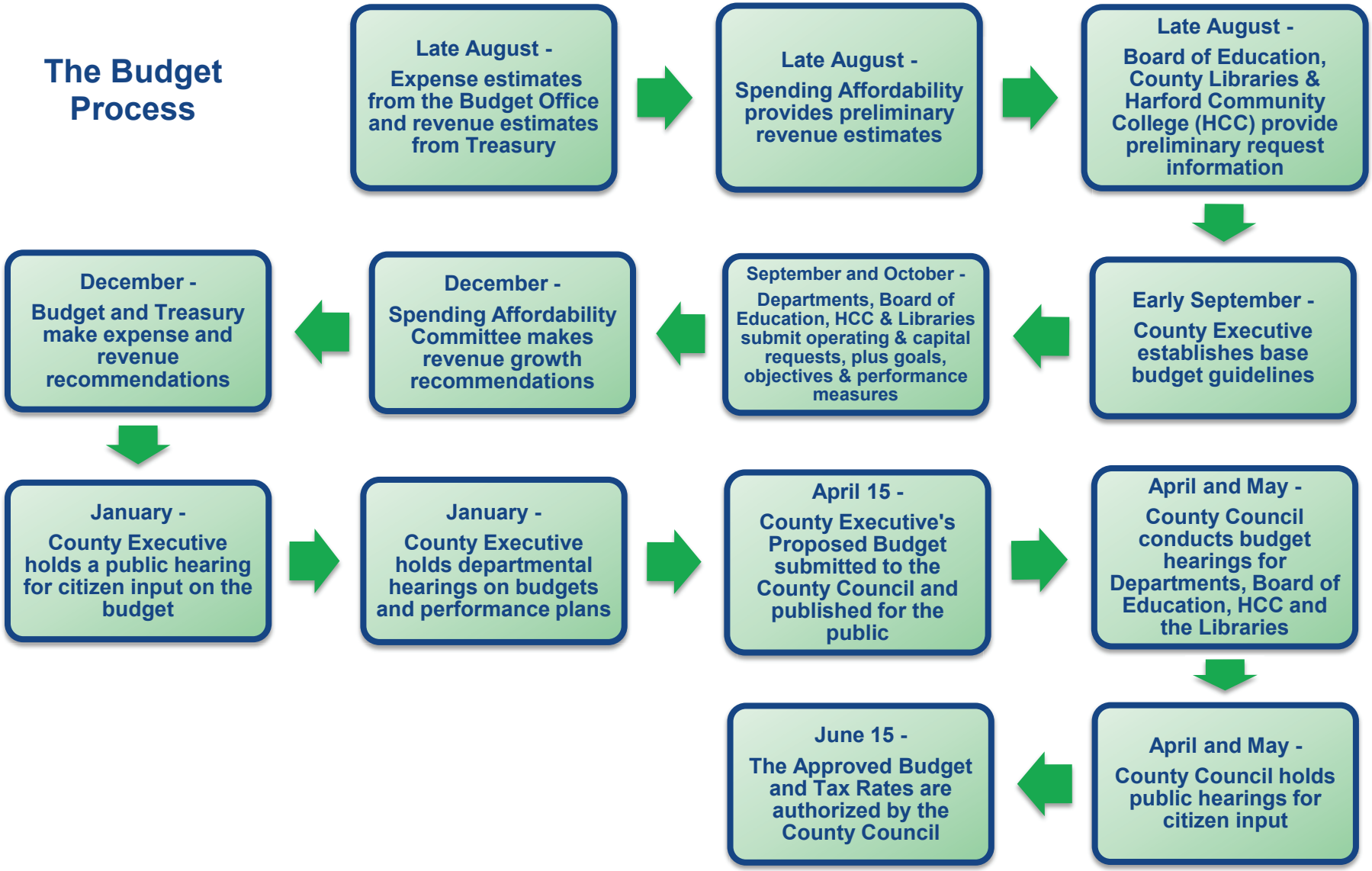
Effective December 4, 2009 and enacted by Bill Number 09-37, the impact fee is assessed per dwelling unit at the following rate (exemptions for elderly and Continuing Care Retirement Communities do apply):

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.

The Budget Process



XII THE COUNTY'S CAPITAL BUDGET CALENDAR

LATE AUGUST

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

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

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

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

EARLY SEPTEMBER

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

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

EARLY OCTOBER

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

NOVEMBER

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

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

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

DECEMBER

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

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

JANUARY

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

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

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

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

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

FEBRUARY

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

LATE FEBRUARY THROUGH LATE MARCH

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

APRIL 15

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

APRIL THROUGH MAY

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

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

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

JUNE 15

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

XIII OUTSIDE AGENCIES

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

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

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

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
TOTAL COUNTY BY CATEGORY								
GENERAL FUND								
General Capital	298,931,574	145,168,240	37,513,334	23,250,000	23,250,000	23,250,000	23,250,000	23,250,000
Watershed Management	132,952,508	64,602,508	11,350,000	11,200,000	11,300,000	11,400,000	11,500,000	11,600,000
Sheriff/Emergency/Fire	75,326,340	58,396,267	13,055,073	775,000	775,000	775,000	775,000	775,000
Harford Community College	50,229,650	18,047,375	1,400,000	19,725,275	11,057,000	0	0	0
Library	11,935,100	10,285,100	400,000	250,000	250,000	250,000	250,000	250,000
Board of Education	337,662,031	294,637,979	24,412,000	21,814,000	644,000	494,000	0	0
SUB-TOTAL GENERAL FUND PROJECTS	907,037,203	586,797,521	88,130,407	77,014,275	47,276,000	36,169,000	35,775,000	35,875,000
SOLID WASTE SERVICES	31,796,206	30,634,413	(1,213,207)	475,000	475,000	475,000	475,000	475,000
PARKS & RECREATION	169,499,020	97,040,020	10,099,000	7,415,000	22,925,000	16,880,000	7,235,000	7,905,000
HIGHWAYS FUND								
Bridges	75,634,479	31,339,087	8,625,392	6,700,000	5,725,000	9,435,000	8,275,000	5,535,000
Roadways	49,105,648	25,555,648	9,225,000	6,510,000	2,010,000	1,310,000	1,210,000	3,285,000
Resurfacing	101,882,762	43,503,154	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Other	51,495,750	32,565,750	4,555,000	2,815,000	2,815,000	2,915,000	2,915,000	2,915,000
TOTAL HIGHWAYS PROJECTS	278,118,639	132,963,639	32,160,000	25,350,000	20,075,000	23,385,000	22,325,000	21,860,000
WATER & SEWER FUNDS								
Water Projects	93,490,650	51,090,650	5,175,000	6,925,000	2,575,000	11,975,000	6,575,000	9,175,000
Sewer Projects	124,540,808	76,651,008	10,739,800	11,700,000	16,500,000	1,300,000	3,500,000	4,150,000
TOTAL WATER & SEWER PROJECTS	218,031,458	127,741,658	15,914,800	18,625,000	19,075,000	13,275,000	10,075,000	13,325,000
COUNTY TOTAL BY PROJECTS	1,608,822,474	979,517,199	145,091,000	128,879,275	109,826,000	90,184,000	75,885,000	79,440,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
TOTAL COUNTY BY FUND SOURCE								
Paygo (All)	396,715,958	232,052,401	29,581,873	26,132,000	22,799,000	29,064,000	28,570,000	28,755,000
Impact Fee	0	0	0	0	0	0	0	0
Future Bonds	228,717,575	0	61,550,000	55,042,575	45,555,000	28,330,000	17,710,000	20,530,000
Prior Bonds	488,577,267	488,577,267	0	0	0	0	0	0
Reappropriated	24,874,114	24,435,153	438,961	0	0	0	0	0
Transfer Tax	55,475,308	975,308	9,500,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000
Recordation Tax	89,636,967	20,017,133	12,904,834	10,830,000	11,815,000	11,590,000	11,210,000	11,270,000
State	191,873,816	129,310,016	17,183,800	20,747,000	15,457,000	4,415,000	3,900,000	4,250,000
Program Open Space	28,368,500	16,696,000	1,352,500	1,150,000	2,375,000	2,800,000	2,065,000	1,930,000
Federal	45,928,276	25,408,276	3,040,000	4,160,000	2,540,000	4,760,000	3,220,000	2,800,000
Developer	22,324,421	21,535,389	239,032	150,000	100,000	100,000	100,000	100,000
Other	19,956,164	18,248,239	300,000	1,667,700	185,000	125,000	110,000	805,000
Lease Purchase	0	481,017	0	0	0	0	0	0
Lease Finance	9,000,000	0	9,000,000	0	0	0	0	0
COUNTY TOTAL BY FUNDING SOURCE	**1,608,822,474**	**979,517,199**	**145,091,000**	**128,879,275**	**109,826,000**	**90,184,000**	**75,885,000**	**79,440,000**

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
GENERAL FUND								
GENERAL CAPITAL								
FY 21 Funded Projects								
Board of Education Debt Service 21	111,433,334	0	21,433,334	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000
Facilities Repair Program	44,012,301	31,012,301	3,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Fleet Maintenance Facility	16,126,000	15,346,000	780,000	0	0	0	0	0
Fleet Replacement	25,540,000	13,040,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Harford County Ag Research Center & Exposition Center	2,800,000	1,600,000	1,200,000	0	0	0	0	0
Lease Revenue General	7,000,000	0	7,000,000	0	0	0	0	0
Refresh Program	4,853,478	3,353,478	250,000	250,000	250,000	250,000	250,000	250,000
Safeguarding Business Operations	20,525,400	17,525,400	500,000	500,000	500,000	500,000	500,000	500,000
Site Acquisition	28,107,761	24,757,761	850,000	500,000	500,000	500,000	500,000	500,000
Open Projects								
Aberdeen Library Roof and Windows	388,000	388,000	0	0	0	0	0	0
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
Edgewood Library Roof Replacement	221,400	221,400	0	0	0	0	0	0
45 South Main Street - Emergency Power Systems	600,000	600,000	0	0	0	0	0	0
Harford Cable Network High Definition Upgrade	600,000	600,000	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	16,280,000	16,280,000	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
Repairs to 45 South Main Street Building	100,000	100,000	0	0	0	0	0	0
General Capital Total by Project	298,931,574	145,168,240	37,513,334	23,250,000	23,250,000	23,250,000	23,250,000	23,250,000
Paygo	51,712,455	35,925,662	2,036,793	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000
Prior Paygo	1,213,207	0	1,213,207	0	0	0	0	0
Reappropriated	5,327,529	4,927,529	400,000	0	0	0	0	0
Future Bonds	17,580,000	0	5,080,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Prior Bonds	95,860,157	95,860,157	0	0	0	0	0	0
Transfer Tax	54,500,000	0	9,500,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000
Recordation Tax	56,533,334	0	11,533,334	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000
State	3,219,700	2,819,700	400,000	0	0	0	0	0
Federal	2,725,692	2,725,692	0	0	0	0	0	0
Developer/Other	1,699,500	1,349,500	350,000	0	0	0	0	0
Lease Purchase	8,560,000	1,560,000	7,000,000	0	0	0	0	0
General Capital Total by Fund	298,931,574	145,168,240	37,513,334	23,250,000	23,250,000	23,250,000	23,250,000	23,250,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
WATERSHED MANAGEMENT								
FY 21 Funded Projects								
Bynum Run @ St. Andrews Way Stream Restoration	2,297,026	2,997,026	(700,000)	0	0	0	0	0
County Owned Stormwater Management Rehab and Repair	850,000	250,000	100,000	100,000	100,000	100,000	100,000	100,000
County Owned Watershed Restoration Improvements	34,775,000	10,800,000	4,600,000	3,675,000	3,775,000	3,875,000	3,975,000	4,075,000
Maintenance/Repair of Dams	2,755,000	2,455,000	50,000	50,000	50,000	50,000	50,000	50,000
Middle Bynum Run Watershed Restoration Improvements	2,450,000	200,000	1,250,000	200,000	200,000	200,000	200,000	200,000
Septic System Disconnection	750,000	200,000	300,000	50,000	50,000	50,000	50,000	50,000
Stormwater Pollution Prevention	2,081,395	1,181,395	150,000	150,000	150,000	150,000	150,000	150,000
Sunnyview Stream Restoration	5,192,220	4,692,220	500,000	0	0	0	0	0
Watershed Restoration Assessment	16,500,000	6,500,000	2,000,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
Watershed Restoration Improvements	9,000,000	3,450,000	2,800,000	550,000	550,000	550,000	550,000	550,000
Watershed Restoration Maintenance	1,060,000	460,000	100,000	100,000	100,000	100,000	100,000	100,000
Wheel Creek Watershed Restoration	7,189,607	6,989,607	200,000	0	0	0	0	0
Outyear Projects								
Joppatowne Area Watershed Restoration	8,550,000	5,800,000	0	550,000	550,000	550,000	550,000	550,000
Plumtree Run Watershed Restoration	12,143,452	7,643,452	0	900,000	900,000	900,000	900,000	900,000
Riverside Area Watershed Restoration	7,960,886	3,585,886	0	875,000	875,000	875,000	875,000	875,000
Sams Branch Watershed Restoration	5,772,922	3,772,922	0	400,000	400,000	400,000	400,000	400,000
Upper Bynum Run Watershed Restoration Improvements	12,000,000	2,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Open Projects								
Lilly Run Watershed Restoration	725,000	725,000	0	0	0	0	0	0
Stormwater Enhancement	900,000	900,000	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Watershed Management Total by Project	132,952,508	64,602,508	11,350,000	11,200,000	11,300,000	11,400,000	11,500,000	11,600,000
Paygo - Special Dedicated Paygo	7,373,857	4,462,818	661,039	450,000	450,000	450,000	450,000	450,000
Prior Bonds	29,650,000	29,650,000	0	0	0	0	0	0
Future Bonds	41,400,000	0	6,650,000	6,750,000	6,850,000	6,950,000	7,050,000	7,150,000
Reappropriated	2,063,651	2,024,690	38,961	0	0	0	0	0
Recordation Tax	200,000	200,000	0	0	0	0	0	0
State	44,657,016	21,257,016	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000
Federal	4,097,984	3,497,984	100,000	100,000	100,000	100,000	100,000	100,000
Developer/Other	3,510,000	3,510,000	0	0	0	0	0	0
Watershed Management Total by Fund	132,952,508	64,602,508	11,350,000	11,200,000	11,300,000	11,400,000	11,500,000	11,600,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PUBLIC SAFETY								
FY 21 Funded Projects:								
Aberdeen VFC Main Station Renovation	1,500,000	1,000,000	500,000	0	0	0	0	0
EMS Station	0	1,500,000	(1,500,000)	0	0	0	0	0
HCSO Computer Equipment Networks	3,020,415	2,241,742	778,673	0	0	0	0	0
HCSO Mobile Data Terminal Replacement	551,400	0	551,400	0	0	0	0	0
Mobile/Portable Radio System Upgrade	5,265,000	2,150,000	3,115,000	0	0	0	0	0
Next-Gen 911	6,735,000	5,150,000	1,585,000	0	0	0	0	0
North County EMS Station	2,700,000	0	2,700,000	0	0	0	0	0
Riverside Fire and EMS Station	3,800,000	0	3,800,000	0	0	0	0	0
VFC Facility Repair	5,110,000	2,360,000	750,000	400,000	400,000	400,000	400,000	400,000
VFC Public Safety Equipment	4,000,000	1,350,000	775,000	375,000	375,000	375,000	375,000	375,000
Open Projects								
Emergency Operations Center Complex	37,494,525	37,494,525	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
TRT Equipment	160,000	160,000	0	0	0	0	0	0
Whiteford VFC - Renovation of Main Station	1,200,000	1,200,000	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Sheriff/Emergency/Fire Total by Project	75,326,340	58,396,267	13,055,073	775,000	775,000	775,000	775,000	775,000
Paygo	18,806,323	10,241,250	4,690,073	775,000	775,000	775,000	775,000	775,000
Future Bonds	8,115,000	0	8,115,000	0	0	0	0	0
Prior Bonds	37,961,500	37,961,500	0	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0
State	7,098,000	6,848,000	250,000	0	0	0	0	0
Federal	2,202,000	2,202,000	0	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0
Lease Purchase	481,017	481,017	0	0	0	0	0	0
Sheriff / Emergency / Fire Total by Fund	75,326,340	58,396,267	13,055,073	775,000	775,000	775,000	775,000	775,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HARFORD COMMUNITY COLLEGE								
FY 21 Funded Projects:								
Chesapeake Welcome Center	34,672,700	2,490,425	1,400,000	19,725,275	11,057,000	0	0	0
Open Projects								
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	50,229,650	18,047,375	1,400,000	19,725,275	11,057,000	0	0	0
Future Bonds	15,152,575	0	1,400,000	13,752,575	0	0	0	0
Prior Bonds	8,276,575	8,276,575	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
State	25,427,800	9,770,800	0	4,600,000	11,057,000	0	0	0
Other	1,372,700	0	0	1,372,700	0	0	0	0
College Total by Fund	50,229,650	18,047,375	1,400,000	19,725,275	11,057,000	0	0	0
LIBRARIES								
FY 21 Funded Projects:								
HCPL Technology	2,859,100	1,209,100	400,000	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	11,935,100	10,285,100	400,000	250,000	250,000	250,000	250,000	250,000
Paygo	2,905,460	1,255,460	400,000	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	9,640	9,640	0	0	0	0	0	0
Developer/Other	900,000	900,000	0	0	0	0	0	0
Libraries Total by Fund	11,935,100	10,285,100	400,000	250,000	250,000	250,000	250,000	250,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
BOARD OF EDUCATION								
FY 21 Projects								
ADA Improvements	862,815	900,000	(37,185)	0	0	0	0	0
Athletic and Recreation Repairs and Improvements	473,937	0	473,937	0	0	0	0	0
Athletic Field Repair and Restoration	725,219	787,000	(61,781)	0	0	0	0	0
Backflow Prevention	589,509	600,000	(10,491)	0	0	0	0	0
Darlington ES Comprehensive HVAC Systemic Project	1,947,136	2,052,948	(105,812)	0	0	0	0	0
Educational Facility Program	3,870,671	0	1,945,671	787,000	644,000	494,000	0	0
Energy Efficiency Initiative Projects	4,873,775	4,988,091	(114,316)	0	0	0	0	0
Fallston Chiller Replacement	925,906	1,000,000	(74,094)	0	0	0	0	0
Fire Alarm and ER Communication	1,353,581	1,387,000	(33,419)	0	0	0	0	0
Fleet Replacement	1,558,159	0	1,558,159	0	0	0	0	0
HCPS Facilities Master Plan	670,000	0	670,000	0	0	0	0	0
HCPS Facilities Repair Program	923,665	486,480	437,185	0	0	0	0	0
Integrated Business Systems	392,126	403,000	(10,874)	0	0	0	0	0
Joppatowne HS Limited Renovation Project	44,537,000	13,673,000	9,837,000	21,027,000	0	0	0	0
Life, Health, Safety and Compliance Measures	688,226	0	688,226	0	0	0	0	0
Major HVAC	1,324,990	0	1,324,990	0	0	0	0	0
Major HVAC Repairs	8,783,642	9,805,137	(1,021,495)	0	0	0	0	0
Music Equipment Refresh Program	47,524	50,000	(2,476)	0	0	0	0	0
North Harford MS Domestic Water Improvements	479,223	1,000,000	(520,777)	0	0	0	0	0
North Harford HS Aquaculture Lab and Greenhouse	792,299	830,000	(37,701)	0	0	0	0	0
Replacement Buses	14,265,038	14,281,197	(16,159)	0	0	0	0	0
Riverside ES HVAC Systemic Renovation	8,210,876	8,255,607	(44,731)	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	4,364,278	4,484,000	(119,722)	0	0	0	0	0
Roof Replacement - Bel Air Middle School	7,480,000	0	7,480,000	0	0	0	0	0
Roof Replacement - Hickory Elementary School	4,016,000	1,794,000	2,222,000	0	0	0	0	0
Roof Replacement - North Harford Elementary School	1,013,342	1,064,000	(50,658)	0	0	0	0	0
Special Education Facilities Improvements	643,736	1,042,000	(398,264)	0	0	0	0	0
Swimming Pool Renovations	1,220,844	1,383,000	(162,156)	0	0	0	0	0
Technology Education Lab Refresh	226,648	250,000	(23,352)	0	0	0	0	0
Technology Infrastructure	4,848,231	5,258,217	(409,986)	0	0	0	0	0
Technology Infrastructure	1,420,860	0	1,420,860	0	0	0	0	0
Textbook/Supplemental Materials Refresh	4,909,421	5,300,000	(390,579)	0	0	0	0	0
Open Projects								
Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Bel Air ES HVAC Systemic Renovation & Open Space Encl.	7,644,000	7,644,000	0	0	0	0	0	0
Center for Educational Opportunity - HVAC	4,625,000	4,625,000	0	0	0	0	0	0
Fallston HS 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 MS/HS Replacement	99,268,000	99,268,000	0	0	0	0	0	0
North Bend ES Central Plant and Fire Alarm Upgrade	2,031,000	2,031,000	0	0	0	0	0	0
Playground Equipment	350,000	350,000	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	4,685,000	0	0	0	0	0	0
Relocatable Classrooms	2,706,896	2,706,896	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
Youth's Benefit Elementary School Replacement	48,861,866	48,861,866	0	0	0	0	0	0
Education Total by Project	342,001,979	294,637,979	24,412,000	21,814,000	644,000	494,000	0	0

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
BOARD OF EDUCATION								
Paygo	28,904,047	22,750,363	4,343,000	787,000	644,000	494,000	0	0
Future Bonds	22,220,000	0	12,400,000	9,820,000	0	0	0	0
Prior Bonds	173,169,102	173,169,102	0	0	0	0	0	0
Reappropriated	1,161,467	1,161,467	0	0	0	0	0	0
Transfer Tax	975,308	975,308	0	0	0	0	0	0
State	96,920,500	81,433,500	7,669,000	11,207,000	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	13,663,464	15,148,239	0	0	0	0	0	0
Education Total by Fund	342,001,979	294,637,979	24,412,000	21,814,000	644,000	494,000	0	0
SUB-TOTAL GENERAL FUND CAPITAL	911,377,151	591,137,469	88,130,407	77,014,275	47,276,000	36,169,000	35,775,000	35,875,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
SOLID WASTE SERVICES								
FY 21 Funded Projects:								
Environmental Studies and Projects (New)	233,801	0	233,801	0	0	0	0	0
Environmental Studies and Projects (93)	1,207,099	1,440,900	(233,801)	0	0	0	0	0
Former Spencers Landfill Closure (East Side)	4,928,099	6,700,000	(1,771,901)	0	0	0	0	0
Full Cost Accounting Study	235,040	300,000	(64,960)	0	0	0	0	0
HWDC Landfill Capping	10,195,000	9,445,000	125,000	125,000	125,000	125,000	125,000	125,000
Solid Waste Facilities Repair Program	3,750,000	1,000,000	1,000,000	350,000	350,000	350,000	350,000	350,000
Tollgate Landfill Gas System	1,033,333	1,034,679	(1,346)	0	0	0	0	0
Tollgate Yard Trim Recycling Center	475,081	975,081	(500,000)	0	0	0	0	0
Open Projects:								
HWDC Compost Area Facilities	525,000	525,000	0	0	0	0	0	0
HWDC Pavement Upgrades	800,000	800,000	0	0	0	0	0	0
Scarboro Landfill Groundwater Treatment Plant Evaluation	250,000	250,000	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	31,796,206	30,634,413	(1,213,207)	475,000	475,000	475,000	475,000	475,000
Paygo	26,271,043	25,646,043	0	125,000	125,000	125,000	125,000	125,000
Prior Paygo	(1,213,207)	0	(1,213,207)	0	0	0	0	0
Reappropriated	1,524,056	1,524,056	0	0	0	0	0	0
Future Bonds	1,750,000	0	0	350,000	350,000	350,000	350,000	350,000
Prior Bonds	3,124,314	3,124,314	0	0	0	0	0	0
Developer/Other	340,000	340,000	0	0	0	0	0	0
Solid Waste Services Total by Fund	31,796,206	30,634,413	(1,213,207)	475,000	475,000	475,000	475,000	475,000
TOTAL GENERAL FUND CAPITAL	938,833,409	617,431,934	86,917,200	77,489,275	47,751,000	36,644,000	36,250,000	36,350,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PARKS & RECREATION FUND								
FY 21 Funded Projects:								
ADA Improvements	710,000	370,000	25,000	0	75,000	0	100,000	140,000
Athletic Field Improvements	32,550,000	15,050,000	5,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Canoe and Kayak Water Access	1,855,000	880,000	400,000	0	0	325,000	0	250,000
Eden Mill Park Rehabilitation	1,355,000	1,155,000	100,000	0	0	100,000	0	0
Emily Bayless Graham Park	4,295,000	2,575,000	470,000	500,000	0	250,000	0	500,000
Emmorton Recreation and Tennis Center Improvements	2,185,000	1,735,000	50,000	0	0	0	0	400,000
Equestrian Center Improvements	975,000	475,000	100,000	0	0	100,000	0	300,000
Facility Renovations	1,009,000	425,000	34,000	100,000	100,000	100,000	100,000	150,000
Flying Point Park Improvements	1,203,000	403,000	650,000	0	0	0	0	150,000
Gymnasium Floor Repair and Renovation	360,000	185,000	25,000	0	50,000	0	50,000	50,000
Jarrettsville Recreation Complex/Center	7,410,775	510,775	200,000	0	6,500,000	200,000	0	0
Mariner Point Park Renovations	736,000	636,000	100,000	0	0	0	0	0
Nuttal Avenue Park Development	650,000	500,000	150,000	0	0	0	0	0
Park Improvements	405,000	130,000	25,000	50,000	50,000	50,000	50,000	50,000
Parkland Acquisition	17,461,000	11,236,000	525,000	1,025,000	1,025,000	1,025,000	1,025,000	1,600,000
Perryman Park Development	1,270,000	0	120,000	500,000	500,000	0	0	150,000
Playground Equipment	4,070,000	2,605,000	250,000	225,000	175,000	175,000	240,000	400,000
Rockfield Park Improvements	470,000	170,000	100,000	0	100,000	0	0	100,000
Swan Harbor Farm Improvements	1,014,000	689,000	75,000	50,000	50,000	50,000	50,000	50,000
Tennis/Multipurpose Courts	2,040,000	1,290,000	100,000	100,000	100,000	150,000	150,000	150,000
Trails and Linear Parks	17,200,000	15,600,000	1,600,000	0	0	0	0	0
Outyear Projects								
Aberdeen Activity Center	9,000,000	0	0	500,000	8,000,000	500,000	0	0
Backstop Renovations	485,000	270,000	0	50,000	50,000	0	50,000	65,000
Benson Field Development	1,100,000	0	0	100,000	0	1,000,000	0	0
Blakes Venture Park	1,100,000	0	0	100,000	0	0	1,000,000	0
Bleacher Renovations	650,000	490,000	0	0	80,000	0	80,000	0
Bulkhead Renovations	555,000	0	0	40,000	0	515,000	0	0
Churchville Center Renovations	1,175,000	575,000	0	100,000	0	500,000	0	0
Darlington Park Development	2,010,000	1,985,000	0	0	0	0	25,000	0
Debris/Derelict Boats	200,000	100,000	0	0	0	0	0	100,000
Disc Golf Course	100,000	50,000	0	0	0	0	50,000	0
Dog Park Construction and Improvements	320,000	90,000	0	50,000	0	90,000	90,000	0
Edgeley Grove Farm	190,000	140,000	0	0	0	0	50,000	0
Edgewood Recreation Park	650,000	50,000	0	0	100,000	500,000	0	0
Enlarged Gymnasiums and Joint Facilities	1,800,000	1,200,000	0	0	0	600,000	0	0
Graybeal Fields	125,000	0	0	125,000	0	0	0	0
Gunpowder River Dredging	2,334,000	2,234,000	0	0	0	0	0	100,000
Heavenly Waters Park - Soma	725,000	100,000	0	100,000	0	0	525,000	0
Joppa/Joppatowne Youth/Senior Center	7,300,000	0	0	0	500,000	6,500,000	300,000	0
Mariner Point Park - DMP Site Remediation	1,100,000	100,000	0	1,000,000	0	0	0	0
Norrisville Park	1,275,000	125,000	0	0	600,000	0	550,000	0
Northern Regional Park	2,325,000	575,000	0	0	250,000	1,500,000	0	0
Oakington Peninsula Heritage Trail	200,000	0	0	0	100,000	0	100,000	0
Parking Lot Paving	1,429,000	954,000	0	0	150,000	150,000	0	175,000
Prospect Mill Park	780,000	0	0	100,000	500,000	0	0	180,000
Robert Copenhaver Park Improvements	550,000	300,000	0	0	250,000	0	0	0
Rock Glenn Park	1,450,000	1,300,000	0	0	0	0	0	150,000
SWM Pond Repair and Renovation	980,000	710,000	0	0	120,000	0	150,000	0
Tollgate Woodshop	85,000	40,000	0	0	0	0	0	45,000
Vale Road Park	1,250,000	0	0	100,000	1,000,000	0	0	150,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PARKS & RECREATION FUND								
Open Projects								
Anita C. Leight Center Improvements	1,005,000	1,005,000	0	0	0	0	0	0
Bush River Dredging and DMP Site	990,000	990,000	0	0	0	0	0	0
Cedar Lane Sports Complex Improvements	2,461,000	2,461,000	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0
Demarco Memorial Park Improvements	40,000	40,000	0	0	0	0	0	0
Edgewood Recreation and Community Center	225,000	225,000	0	0	0	0	0	0
Facility Renovations	1,205,000	1,205,000	0	0	0	0	0	0
Forest Hill Recreation Complex Improvements	800,000	800,000	0	0	0	0	0	0
Fox Meadow Park Improvements	450,000	450,000	0	0	0	0	0	0
Francis Silver Park Improvements	425,000	425,000	0	0	0	0	0	0
Heavenly Waters Park	2,120,000	2,120,000	0	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	1,474,000	1,474,000	0	0	0	0	0	0
Otter Point Creek Boat Launch	560,000	560,000	0	0	0	0	0	0
Schucks Road Regional Complex	8,110,415	8,110,415	0	0	0	0	0	0
Tudor Hall Rehabilitation	610,000	610,000	0	0	0	0	0	0
Parks & Rec Total by Project	169,499,020	97,040,020	10,099,000	7,415,000	22,925,000	16,880,000	7,235,000	7,905,000
Paygo	4,651,322	4,651,322	0	0	0	0	0	0
Paygo - Parks and Recreation Fund	375,000	0	125,000	50,000	50,000	50,000	50,000	50,000
Future Bonds	42,800,000	0	6,700,000	3,000,000	17,000,000	10,800,000	2,800,000	2,500,000
Prior Bonds	27,506,830	27,506,830	0	0	0	0	0	0
Reappropriated	6,082,735	6,082,735	0	0	0	0	0	0
Recordation Tax	32,903,633	19,817,133	1,371,500	1,830,000	2,815,000	2,590,000	2,210,000	2,270,000
State	7,506,000	4,851,000	250,000	1,040,000	500,000	515,000	0	350,000
Program Open Space	28,368,500	16,696,000	1,352,500	1,150,000	2,375,000	2,800,000	2,065,000	1,930,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0
Developer	10,250,000	10,200,000	0	50,000	0	0	0	0
Other	1,820,000	0	300,000	295,000	185,000	125,000	110,000	805,000
Parks & Rec Total by Fund	169,499,020	97,040,020	10,099,000	7,415,000	22,925,000	16,880,000	7,235,000	7,905,000
TOTAL PARKS & RECREATION CAPITAL	**169,499,020**	**97,040,020**	**10,099,000**	**7,415,000**	**22,925,000**	**16,880,000**	**7,235,000**	**7,905,000**

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HIGHWAYS FUND								
BRIDGES								
FY 21 Funded Projects:								
Boggs Road Bridge #66	1,370,000	0	250,000	20,000	0	1,100,000	0	0
Bridge and Culvert Rehabilitation	8,600,000	2,850,000	2,500,000	650,000	650,000	650,000	650,000	650,000
Bridge and Road Scour Repairs	2,725,000	1,725,000	250,000	150,000	150,000	150,000	150,000	150,000
Bridge Inspection Program - Over 20' Spans	6,600,000	1,200,000	300,000	1,500,000	0	1,700,000	0	1,900,000
Bridge Inspection Program - Under 20' Spans	950,000	100,000	250,000	30,000	250,000	35,000	250,000	35,000
Carrs Mill Road Bridge #216	2,502,723	2,575,000	(72,277)	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	1,905,000	160,000	0	0	0	0	0
Deep Run Road Bridge #152	1,295,000	0	250,000	20,000	1,025,000	0	0	0
Glen Cove Road Bridge #155	1,075,912	0	1,075,912	0	0	0	0	0
Glen Cove Road Bridge #156	959,752	1,550,000	(590,248)	0	0	0	0	0
Green Road Bridges #119 and #122	1,015,449	1,119,087	(103,638)	0	0	0	0	0
Johnson Mill Road Bridge #45	1,450,000	350,000	1,100,000	0	0	0	0	0
Madonna Road Bridge #113	3,200,000	0	500,000	50,000	0	0	2,650,000	0
New Park Road Bridge #125	1,022,726	1,100,000	(77,274)	0	0	0	0	0
Snake Lane Bridge #31	1,077,917	1,095,000	(17,083)	0	0	0	0	0
Stafford Road Bridge #24	3,405,000	605,000	2,800,000	0	0	0	0	0
Structural Evaluation	770,000	470,000	50,000	50,000	50,000	50,000	50,000	50,000
Outyear Projects:								
Abingdon Road Bridge #169 over CSX	4,730,000	1,830,000	0	2,900,000	0	0	0	0
Ayres Chapel Road Bridge #116	400,000	0	0	0	0	0	0	400,000
Bridge Deck Replacements	1,400,000	0	0	0	0	500,000	900,000	0
Bridge Painting	1,700,000	500,000	0	400,000	200,000	200,000	200,000	200,000
Edwards Lane Culvert	850,000	0	0	0	0	0	850,000	0
Fawn Grove Road Bridge #132	1,685,000	10,000	0	300,000	50,000	1,325,000	0	0
Glenville Road Bridge #30	1,735,000	410,000	0	25,000	0	1,300,000	0	0
Grier Nursery Road Bridge #43	2,425,000	500,000	0	25,000	0	1,900,000	0	0
Hess Road Bridge #81	450,000	0	0	0	0	0	400,000	50,000
Hookers Mill Road Bridge #13	2,680,000	0	0	30,000	2,650,000	0	0	0
Moores Road Bridge #78	1,200,000	0	0	250,000	50,000	0	900,000	0
Scarboro Road Bridge #140	1,375,000	0	0	0	250,000	25,000	0	1,100,000
St. Clair Road Bridge #100	500,000	0	0	0	0	500,000	0	0
Stafford Road Bridge #19	500,000	0	0	0	0	0	500,000	0
Stafford Road Bridge #162	1,425,000	0	0	0	400,000	0	25,000	1,000,000
Trappe Church Road Bridge #161	1,050,000	0	0	300,000	0	0	750,000	0
Open Projects:								
Bridge Inspection Program	3,640,000	3,640,000	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Culvert Rehabilitation	4,730,000	4,730,000	0	0	0	0	0	0
Pleasantville Road Bridge #67	225,000	225,000	0	0	0	0	0	0
Bridges Total by Project	75,634,479	31,339,087	8,625,392	6,700,000	5,725,000	9,435,000	8,275,000	5,535,000
Paygo	29,497,762	16,376,762	550,000	1,900,000	1,610,000	3,025,000	3,975,000	2,185,000
Prior Paygo	(679,608)	0	(679,608)	0		0	0	0
Future Bonds	11,810,000	0	5,815,000	740,000	1,675,000	1,750,000	1,180,000	650,000
Prior Bonds	3,769,558	4,157,558	0	0	0	0	0	0
Reappropriated	998,767	998,767	0	0	0	0	0	0
Federal	28,333,000	9,806,000	2,940,000	4,060,000	2,440,000	4,660,000	3,120,000	2,700,000
Bridges Total by Fund	73,729,479	31,339,087	8,625,392	6,700,000	5,725,000	9,435,000	8,275,000	5,535,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
ROADWAYS								
FY 21 Funded Projects:								
Drainage Improvements	2,175,000	1,575,000	100,000	100,000	100,000	100,000	100,000	100,000
Guardrails	1,825,000	925,000	150,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	6,416,728	4,366,728	150,000	380,000	380,000	380,000	380,000	380,000
New Roads and Stormdrains	3,825,000	2,625,000	200,000	200,000	200,000	200,000	200,000	200,000
Spesutia Road Reconstruction/Upgrade	5,750,000	750,000	5,000,000	0	0	0	0	0
Stormdrain Rehabilitation	2,516,231	1,766,231	125,000	125,000	125,000	125,000	125,000	125,000
Traffic Calming, Bicycle & Road Safety Improvements	1,350,000	700,000	50,000	120,000	120,000	120,000	120,000	120,000
Traffic Signals	1,084,601	109,601	300,000	135,000	135,000	135,000	135,000	135,000
Washington Court Access Road	2,150,000	0	2,150,000	0	0	0	0	0
Woodley Road Extension to MD 715	7,250,000	1,250,000	1,000,000	5,000,000	0	0	0	0
Outyear Projects:								
Carrs Mill Road (MD 152 - Grafton Shop Road)	200,000	0	0	0	100,000	100,000	0	0
Tollgate Road/Vale Road Corridor	850,000	0	0	200,000	650,000	0	0	0
Trimble Road (Joppa Road to Garnett Road)	2,250,000	25,000	0	100,000	50,000	0	0	2,075,000
Open Projects:								
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
Village of Scot's Fancy Starmount Lane	750,000	750,000	0	0	0	0	0	0
Roadways Total by Project	49,105,648	25,555,648	9,225,000	6,510,000	2,010,000	1,310,000	1,210,000	3,285,000
Paygo	18,410,072	10,660,072	825,000	1,030,000	1,530,000	830,000	730,000	2,805,000
Future Bonds	15,200,000	0	8,300,000	5,380,000	380,000	380,000	380,000	380,000
Prior Bonds	9,315,975	9,315,975	0	0	0	0	0	0
Reappropriated	309,601	309,601	0	0	0	0	0	0
State	720,000	720,000	0	0	0	0	0	0
Developer/Other	5,150,000	4,550,000	100,000	100,000	100,000	100,000	100,000	100,000
Roadways Total by Fund	49,105,648	25,555,648	9,225,000	6,510,000	2,010,000	1,310,000	1,210,000	3,285,000
RESURFACING								
FY 21 Funded Projects:								
Resurfacing Roadways	79,322,870	20,943,262	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Open Projects:								
Resurfacing Roadways 14	6,661,509	6,661,509	0	0	0	0	0	0
Resurfacing Roadways15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Roadways 16	5,292,842	5,292,842	0	0	0	0	0	0
Resurfacing Roadways 17	5,002,435	5,002,435	0	0	0	0	0	0
Resurfacing Total by Project	101,882,762	43,503,154	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Paygo	92,015,219	43,390,219	0	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Reappropriated	112,935	112,935	0	0	0	0	0	0
Prior Paygo	9,754,608	0	9,754,608	0	0	0	0	0
Resurfacing Total by Fund	101,882,762	43,503,154	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HIGHWAYS FUND								
OTHER								
FY 21 Funded Projects:								
APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Efficiency Capital Investment Project	555,000	315,000	40,000	40,000	40,000	40,000	40,000	40,000
Fleet Maintenance Facility	7,246,000	6,226,000	1,020,000	0	0	0	0	0
Fleet Replacement	28,242,000	14,142,000	2,000,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000
Highways Facilities Repair Program	2,027,000	1,107,000	220,000	300,000	100,000	100,000	100,000	100,000
Lease Revenue Highways	1,000,000	0	1,000,000	0	0	0	0	0
Refresh Program	990,500	690,500	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,087,450	3,637,450	75,000	75,000	75,000	75,000	75,000	75,000
Sidewalks and Handicapped Ramps	2,429,300	1,529,300	150,000	150,000	150,000	150,000	150,000	150,000
Open Projects:								
Fuel Dispensing System Upgrade	950,000	950,000	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
Other Total by Project	51,495,750	32,565,750	4,555,000	2,815,000	2,815,000	2,915,000	2,915,000	2,915,000
Paygo	40,456,664	24,255,696	2,525,968	2,515,000	2,715,000	2,815,000	2,815,000	2,815,000
Future Bonds	1,940,000	0	1,240,000	300,000	100,000	100,000	100,000	100,000
Prior Bonds	6,326,000	6,326,000	0	0	0	0	0	0
Reappropriated	138,865	138,865	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0
State	230,000	230,000	0	0	0	0	0	0
Developer/Other	1,234,921	1,445,889	(210,968)	0	0	0	0	0
Lease Finance	1,000,000	0	1,000,000	0	0	0	0	0
Other Total by Fund	51,495,750	32,565,750	4,555,000	2,815,000	2,815,000	2,915,000	2,915,000	2,915,000
TOTAL HIGHWAYS CAPITAL	278,118,639	132,963,639	32,160,000	25,350,000	20,075,000	23,385,000	22,325,000	21,860,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
WATER & SEWER FUND								
WATER PROJECTS								
FY 21 Funded Projects:								
Abingdon WTP Switch Gear/Generator Upgrade	2,150,000	150,000	1,500,000	500,000	0	0	0	0
Fleet Maintenance Facility	1,420,000	1,220,000	200,000	0	0	0	0	0
Fleet Replacement	10,922,000	6,122,000	800,000	800,000	800,000	800,000	800,000	800,000
Lease Revenue Water and Sewer	1,000,000	0	1,000,000	0	0	0	0	0
Magnolia Booster Station	1,550,000	1,450,000	100,000	0	0	0	0	0
MDTA I-95 Improvements	1,750,000	0	250,000	1,500,000	0	0	0	0
Refresh Program	1,017,000	717,000	50,000	50,000	50,000	50,000	50,000	50,000
Renewal and Replacement Water Infrastructure	2,750,000	1,700,000	300,000	150,000	150,000	0	150,000	300,000
Safeguarding Business Operations	4,291,650	3,841,650	75,000	75,000	75,000	75,000	75,000	75,000
SCADA Information Management Systems	4,750,000	1,100,000	100,000	800,000	250,000	2,500,000	0	0
SHA Improvement Project	2,210,000	460,000	200,000	350,000	400,000	300,000	0	500,000
Tank Painting	4,850,000	2,400,000	(2,100,000)	800,000	850,000	900,000	1,000,000	1,000,000
Water and Sewer Billing Project	2,500,000	1,500,000	1,000,000	0	0	0	0	0
Water and Sewer Facilities Repair Program	1,250,000	250,000	250,000	0	0	500,000	250,000	0
Water & Sewer Infrastructure Improvement Projects	7,100,000	1,100,000	1,000,000	1,000,000	0	2,000,000	1,000,000	1,000,000
Water Meter Upgrade	2,960,000	1,710,000	250,000	250,000	0	250,000	250,000	250,000
Water Zone Improvements	1,580,000	830,000	200,000	150,000	0	200,000	0	200,000
Outyear Projects:								
Central W&S Laboratory	3,085,000	85,000	0	0	0	0	0	3,000,000
Perryman Wellfield Improvements	3,850,000	350,000	0	0	0	3,500,000	0	0
US 40 Water Main Replacement	3,200,000	200,000	0	500,000	0	500,000	0	2,000,000
Water Tank Design and Construction	3,700,000	300,000	0	0	0	400,000	3,000,000	0
Open Projects:								
Abingdon Road Water	3,300,000	3,300,000	0	0	0	0	0	0
Abingdon Water Treatment Plant pH Control System	2,750,000	2,750,000	0	0	0	0	0	0
City of Baltimore - Deer Creek Pump Station and Valve Imp	3,700,000	3,700,000	0	0	0	0	0	0
City of Baltimore Raw Water Supply	3,300,000	3,300,000	0	0	0	0	0	0
Efficiency Capital Investment Projects	430,000	430,000	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	1,220,000	1,220,000	0	0	0	0	0	0
Havre de Grace Water Treatment Plant Upgrade	1,150,000	1,150,000	0	0	0	0	0	0
Infrastructure Management System Enhancements	425,000	425,000	0	0	0	0	0	0
Oak Grove Booster Station	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
Tank Painting FY 15	800,000	800,000	0	0	0	0	0	0
Tank Painting FY 16	700,000	700,000	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	50,000	50,000	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
Water System Model Study	300,000	300,000	0	0	0	0	0	0
Water Total by Project	93,490,650	51,090,650	5,175,000	6,925,000	2,575,000	11,975,000	6,575,000	9,175,000
Paygo	50,735,284	22,885,284	2,925,000	4,975,000	2,175,000	7,475,000	6,425,000	3,875,000
Prior Paygo	(1,000,000)	0	(1,000,000)	0	0	0	0	0
Future Bonds	14,550,000	0	2,250,000	1,950,000	400,000	4,500,000	150,000	5,300,000
Prior Bonds	25,185,000	25,185,000	0	0	0	0	0	0
Reappropriated	2,340,366	2,340,366	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0
Lease Finance	1,000,000	0	1,000,000	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0
Water Total by Fund	93,490,650	51,090,650	5,175,000	6,925,000	2,575,000	11,975,000	6,575,000	9,175,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
SEWER PROJECTS								
FY 21 Funded Projects:								
Bio Solid Facilities Enhancements	36,100,000	8,900,000	2,600,000	10,000,000	14,000,000	0	0	600,000
Brentwood Park Pumping Station Improvements	1,950,000	1,450,000	500,000	0	0	0	0	0
Freys Road Sewer Petition	1,275,000	800,000	475,000	0	0	0	0	0
Future Petition Projects	525,000	0	375,000	150,000	0	0	0	0
Infiltration and Inflow 09	1,374,433	3,400,000	(2,025,567)	0	0	0	0	0
Magnolia Sewer Petition	689,500	85,000	604,500	0	0	0	0	0
Pumping Station Improvements	965,000	465,000	100,000	200,000	0	200,000	0	0
Renewal and Replacement Sewer Infrastructure	2,050,000	1,100,000	350,000	300,000	0	0	300,000	0
Sod Run Facility Improvements	9,600,000	5,400,000	2,700,000	0	300,000	1,000,000	0	200,000
Sod Run WWTP Ultraviolet Disinfection Project	6,700,000	3,200,000	1,000,000	500,000	2,000,000	0	0	0
Town Center Drive Pump Station Replacement	810,567	585,000	225,567	0	0	0	0	0
Utility Protection/Restoration	1,700,000	1,100,000	200,000	200,000	200,000	0	0	0
Woodridge Sewer Petition	4,020,300	385,000	3,635,300	0	0	0	0	0
Outyear Projects								
Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	0	0	2,000,000
Infiltration and Inflow 10	1,100,000	550,000	0	350,000	0	100,000	0	100,000
Inventory Storage and Control Improvements	4,585,000	385,000	0	0	0	0	3,200,000	1,000,000
Plum Tree Collector Sewer and Pumping Station	250,000	0	0	0	0	0	0	250,000
Open Projects:								
Bill Bass PS FM Replacement	900,384	900,384	0	0	0	0	0	0
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
Edgewood Interceptor Sewer Parallel	650,000	650,000	0	0	0	0	0	0
Fallston Area Sewer	3,800,000	3,800,000	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
Oaklyn Manor/Joppa Area Sewer Relief	1,950,300	1,950,300	0	0	0	0	0	0
Sewer Total by Project	124,540,808	76,651,008	10,739,800	11,700,000	16,500,000	1,300,000	3,500,000	4,150,000
Paygo	15,526,450	9,551,450	1,425,000	1,200,000	200,000	300,000	300,000	2,550,000
Prior Paygo	1,000,000	0	1,000,000	0	0	0	0	0
Future Bonds	36,200,000	0	3,600,000	10,500,000	16,300,000	1,000,000	3,200,000	1,600,000
Prior Bonds	61,712,256	61,712,256	0	0	0	0	0	0
Reappropriated	4,442,002	4,442,002	0	0	0	0	0	0
State	4,714,800	0	4,714,800	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	124,540,808	76,651,008	10,739,800	11,700,000	16,500,000	1,300,000	3,500,000	4,150,000
TOTAL WATER & SEWER CAPITAL	218,031,458	127,741,658	15,914,800	18,625,000	19,075,000	13,275,000	10,075,000	13,325,000

	TOTAL COST	PRIOR APPROP	BUDGET FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
TOTAL CAPITAL IMPROVEMENT PROGRAM	1,604,482,526	979,517,199	145,091,000	128,879,275	109,826,000	90,184,000	75,885,000	79,440,000

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

Project Title/Description	FY 21 Budget Appropriation	Total Project Cost Including Outyears	Operating Budget Impact
GENERAL PROJECTS:			
Harford County Agricultural Research and Exposition Center This project will provide funding for site, engineering and construction costs of an agricultural research and exposition facility in Harford County.	$1,200,000	$2,800,000	There will be an impact on utility services and contractual services (electric, janitorial, trash and septic).
Refresh Program This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	$250,000	$4,853,478	Ability to order large volume of computers at one time, reducing the impact of replacing large quantities of equipment at one time.
Safeguarding Business Operations 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.	$500,000	$20,525,400	Annual license/maintenance fees associated with this project.
STORMWATER MANAGEMENT PROJECTS:			
County Owned Watershed Restoration Improvements 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.	$4,600,000	$34,775,000	Long term maintenance fees for new stormwater facilities, stormwater retrofits and stream channel restoration and stabilization.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

Project Title/Description	FY 21 Budget Appropriation	Total Project Cost Including Outyears	Operating Budget Impact
STORMWATER MANAGEMENT PROJECTS:			
Middle Bynum Run Watershed Restoration Improvements This project will assess and prioritize restoration projects including stream restorations and stormwater management retrofits to improve water quality.	$1,250,000	$2,450,000	Long term maintenance fees for new stormwater facilities.
Sunnyview Stream Restoration 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.	$500,000	$5,192,220	Long term maintenance fees for new stormwater facilities.
PUBLIC SAFETY PROJECTS:			
North County EMS Station 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.	$2,700,000	$2,700,000	This project will provide funding to construct an EMS station in the northern section of the County. The station will be staffed by county personnel, funded within the operating budget.
Riverside Fire and EMS Station 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.	$3,800,000	$3,800,000	This project will provide funding to construct a fire and EMS station in an area of the County that does not currently house a station. The station will be staffed by county EMS personnel, funded within the operating budget.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

Project Title/Description	FY 21 Budget Appropriation	Total Project Cost Including Outyears	Operating Budget Impact
PARKS AND RECREATION PROJECTS:			
Athletic Field Improvements 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.	$5,000,000	$32,550,000	Weekly maintenance, including field grooming.
Eden Mill Park Rehabilitation This project will continue renovations and improvements to Eden Mill, including installation of a fire alarm system at the Nature Center.	$100,000	$1,355,000	Funding for FY 21 will include installation of a fire alarm system in the Nature Center. Fees will be covered within the operating budget.
Emily Bayless Graham Park Funding for this project will provide engineering and renovation of the farmhouse and outbuildings at this passive park site.	$470,000	$4,295,000	This park includes walking trails and picnic pavilions. Weekly maintenance, including grass mowing and trash collection.
Parkland Acquisition 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.	$525,000	$17,461,000	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.
Trails and Linear Parks Design and construction of the connecting section of the Ma and Pa trail from Williams Street trailhead to Blake's Venture Park.	$1,600,000	$17,200,000	Weekly maintenance, including trail maintenance and trash collection.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

Project Title/Description	FY 21 Budget Appropriation	Total Project Cost Including Outyears	Operating Budget Impact
HIGHWAYS PROJECTS:			
Fleet Replacement The purpose of this project is to replace existing vehicles and equipment that has exceeded their useful life.	$2,000,000	$28,242,000	Long term reductions in vehicle maintenance expenditures and downtime of needed equipment.
Refresh Program This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	$50,000	$990,500	Ability to order large volume of computers at one time, reducing the impact of replacing too much equipment at one time.
Safeguarding Business Operations 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.	$75,000	$4,087,450	Annual license/maintenance fees associated with this project.
Resurfacing Roadways The purpose of this project is to upgrade and overlay the County's 680+ miles of asphalt road.	$9,754,608	$79,322,870	Potential for long term reductions in material costs for roadway repairs.

CAPITAL PROJECTS THAT IMPACT THE OPERATING BUDGET

Project Title/Description	FY 21 Budget Appropriation	Total Project Cost Including Outyears	Operating Budget Impact
WATER AND SEWER PROJECTS:			
Fleet Replacement The purpose of this project is to replace existing vehicles and equipment that has exceeded their useful life.	$800,000	$10,922,000	Long term reductions in vehicle maintenance expenditures and downtime of needed equipment.
Refresh Program This project is to refresh computers, network infrastructure, servers, storage, software and peripherals throughout the County.	$50,000	$1,017,000	Ability to order large volume of computers at one time, reducing the impact of replacing too much equipment at one time.
Safeguarding Business Operations 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.	$75,000	$4,291,650	Annual license/maintenance fees associated with this project.

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 trypically 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

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
GENERAL PROJECTS:			
Facilities Repair Program	$20,867,396	$3,000,000	**$665,900**
Fleet Maintenance Facility	$15,346,000	$780,000	**$449,915**
Harford County Agricultural Research & Exposition Center	$1,450,000	$800,000	**$62,775**
Site Acquisition	$24,007,761	$500,000	**$683,767**
Abingdon Library Window and HVAC Replacement	$589,000	$0	**$15,785**
Courthhouse Building Repairs	$9,800,000	$0	**$273,420**
45 South Main Street - Add Emergency Power Systems	$600,000	$0	**$16,740**
Harford County Metro Area Network	$16,200,000	$0	**$451,980**
Humane Society	$6,000,000	$0	**$167,400**
1201 Technology Drive	$1,000,000	$0	**$27,900**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
WATERSHED MANAGEMENT PROJECTS:			
Bynum Run @ St. Andrews Way Stream Restoration	$1,000,000	($661,039)	**$9,457**
County Owned Watershed Restoration Improvements	$6,550,000	$3,400,000	**$277,605**
Middle Bynum Run Watershed Restoration Improvements	$200,000	$250,000	**$12,555**
Sunnyview Stream Restoration	$2,200,000	$461,039	**$74,243**
Wateshed Restoration Assessment	$5,050,000	$1,000,000	**$168,795**
Watershed Restoration Improvements	$1,650,000	$2,000,000	**$101,835**
Watershed Restoration Maintenance	$160,000	$0	**$4,464**
Wheel Creek Watershed Restoration	$1,450,000	$200,000	**$46,035**
Joppatowne Area Watershed Restoration	$2,950,000	$0	**$82,305**
Plumtree Run Watershed Restoration	$4,650,000	$0	**$129,735**
Riverside Area Watershed Restoration	$1,720,000	$0	**$47,988**
Sams Branch Watershed Restoration	$870,000	$0	**$24,273**
Upper Bynum Run Watershed Restoration Improvements	$1,200,000	$0	**$33,480**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
PUBLIC SAFETY PROJECTS:			
Mobile/Portable Radio System Upgrade	$2,000,000	$3,115,000	**$142,709**
North County EMS Station	$0	$2,700,000	**$75,330**
Riverside Fire and EMS Station	$0	$3,800,000	**$106,020**
Emergency Operations Center Complex	$32,661,500	$0	**$911,256**
Multi-Agency Public Safety Mobile Command Center	$1,800,000	$0	**$50,220**
HARFORD COMMUNITY COLLEGE PROJECTS:			
Chesapeake Welcome Center	$1,347,425	$1,400,000	**$76,653**
Edgewood Hall Renovation & Expansion	$3,464,575	$0	**$96,662**
Fallston Hall Renovations	$3,464,575	$0	**$96,662**
HARFORD COUNTY PUBLIC LIBRARIES PROJECTS:			
Havre de Grace Expansion	$6,720,000	$0	**$187,488**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
BOARD OF EDUCATION PROJECTS:			
Joppatowne High School Limited Renovation Project	$7,400,000	$8,040,000	**$430,776**
Life, Health, Safety and Compliance Measures	$0	$554,195	**$14,787**
Roof Replacement - Bel Air Middle School	$0	$3,196,000	**$89,168**
Roof Replacement - Hickory Elementary School	$879,000	$634,000	**$42,213**
ADA Improvements	$300,000	($17,668)	**$7,877**
Athletic and Recreation Repairs and Improvements	$0	$212,299	**$5,923**
Bel Air ES HVAC Systemic Renovation & Open Space Enclosure	$3,485,000	$0	**$97,232**
Center for Educational Opportunity - HVAC	$2,200,000	$0	**$61,380**
Darlington ES Comprehensive HVAC Systemic Project	$1,449,948	($105,812)	**$37,501**
Fallston Chiller Replacement	$446,000	($74,094)	**$10,376**
Fallston High School Comprehensive HVAC Systemic Project	$7,673,940	$0	**$214,103**
Fire Alarm and ER Communication	$282,600	($24,195)	**$7,209**
Fleet Replacement	$0	$16,159	**$451**
George D. Lisby HVAC Systemic Renovation	$4,840,000	$0	**$135,036**
HCPS Facilities Repair Program	$486,480	$417,668	**$25,226**
Havre de Grace Middle/High School Replacement	$77,474,000	$0	**$2,091,798**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
BOARD OF EDUCATION PROJECTS:			
Life, Health, Safety and Compliance Measures	$0	$24,195	**$14,787**
Major HVAC	$0	$1,324,990	**$36,967**
Major HVAC Repairs	$6,258,180	($1,021,495)	**$146,104**
North Bend ES Central Plant and Fire Alarm Upgrade	$1,054,500	$0	**$29,421**
North Harford Middle School Domestic Water Improvements	$1,000,000	($520,777)	**$13,370**
Prospect Mill Elementary School HVAC	$2,294,000	$0	**$64,003**
Replacement Buses	$1,444,272	($16,159)	**$39,844**
Riverside ES HVAC Systemic Renovation	$4,097,607	($44,731)	**$113,075**
Roof Replacement - Aberdeen Middle School	$1,605,000	($119,722)	**$41,439**
Roof Replacement - North Harford Elementary School	$495,000	($50,658)	**$12,397**
Roye Williams HVAC Systemic Renovation	$6,743,000	$0	**$188,130**
Swimming Pool Renovations	$247,887	$0	**$6,916**
Technology Infrastructure	$2,400,822	$0	**$66,983**
Youth's Benefit Elementary School Replacement	$38,611,866	$0	**$1,077,271**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
SOLID WASTE PROJECTS:			
Solid Waste Facilities Repair Program	$1,000,000	$500,000	**$41,850**
Tollgate Landfill Gas System	$650,000	$0	**$18,135**
Tollgate Yard Trim Recycling Center	$949,314	($500,000)	**$12,536**
HWDC Compost Area Facilities	$525,000	$0	**$14,648**
PARKS AND RECREATION PROJECTS:			
Athletic Field Improvements	$12,900,000	$5,000,000	**$499,410**
Jarrettsville Recreation Complex/Center	$0	$200,000	**$5,580**
Trails and Linear Parks	$2,500,000	$1,500,000	**$111,600**
Enlarged Gymnasiums & Joint Facilities	$1,200,000	$0	**$33,480**
Cedar Lane Sports Complex Improvements	$100,000	$0	**$2,790**
Churchville Complex Development	$7,176,830	$0	**$200,234**
Heavenly Waters Park	$1,100,000	$0	**$30,690**
Schucks Road Regional Complex	$2,530,000	$0	**$70,587**
TOTAL ESTIMATED ANNUAL DEBT SERVICE - GENERAL FUND:			**$11,734,655**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
HIGHWAYS PROJECTS:			
Boggs Road Bridge #66	$0	$250,000	**$6,975**
Bridge and Culvert Rehabilitation	$0	$2,500,000	**$69,750**
Carrs Mill Road Bridge #216	$100,000	$0	**$2,790**
Chestnut Hill Bridge #40	$388,000	$120,000	**$14,173**
Deep Run Road Bridge #152	$0	$250,000	**$6,975**
Glen Cove Road Bridge #155	$0	$1,075,912	**$30,018**
Glen Cove Road Bridge #156	$200,000	$0	**$5,580**
Green Road Bridges #119 and #122	$879,558	($103,638)	**$21,648**
Johnson Mill Road Bridge #45	$350,000	$1,100,000	**$40,455**
Madonna Road Bridge #113	$0	$100,000	**$2,790**
New Park Road Bridge #125	$925,000	($77,274)	**$23,652**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
HIGHWAYS PROJECTS:			
Snake Lane Bridge #31	$900,000	$0	**$25,110**
Stafford Road Bridge #24	$165,000	$600,000	**$21,344**
Abingdon Road Bridge #169 over CSX	$250,000	$0	**$6,975**
Intersection Improvements	$1,085,000	$150,000	**$34,457**
Spesutia Road Reconstruction/Upgrade	$250,000	$5,000,000	**$146,475**
Washington Court Access Road	$0	$2,150,000	**$59,985**
Woodley Road Extension to MD 715	$1,250,000	$1,000,000	**$62,775**
Moores Mill Road	$6,730,975	$0	**$187,794**
Fleet Maintenance Facility	$6,226,000	$1,020,000	**$202,163**
Highways Facilities Repair Program	$100,000	$220,000	**$8,928**
TOTAL ESTIMATED ANNUAL DEBT SERVICE - HIGHWAYS FUND:			**$980,812**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

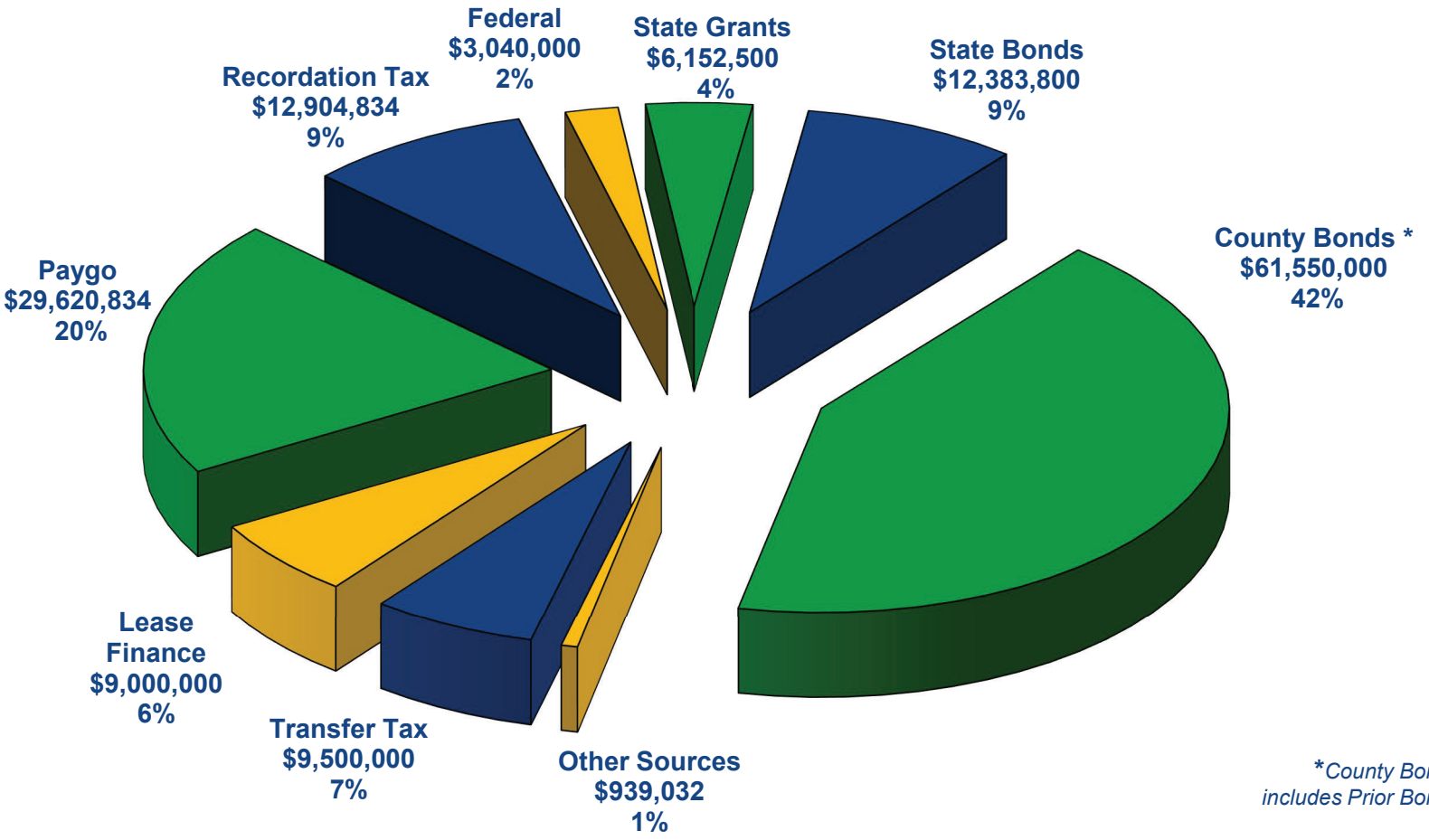
Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
WATER AND SEWER PROJECTS:			
Abingdon WTP Switch Gear/Generator Upgrade	$150,000	$1,500,000	**$46,035**
Fleet Maintenance Facility	$1,220,000	$200,000	**$39,618**
Magnolia Booster Station	$1,450,000	$0	**$40,455**
Renewal and Replacement Water Infrastructure	$1,300,000	$300,000	**$44,640**
Water & Sewer Facilities Repair Program	$250,000	$250,000	**$13,950**
Central W&S Laboratory	$85,000	$0	**$2,372**
Perryman Wellfield Improvements	$150,000	$0	**$4,185**
US 40 Water Main Replacement	$200,000	$0	**$5,580**
Abingdon Road Water	$3,300,000	$0	**$92,070**
Abingdon Water Treatment Plant pH Control System	$2,750,000	$0	**$76,725**
City of Baltimore - Deer Creek PS & Valve Improvements	$3,700,000	$0	**$103,230**
City of Baltimore - Raw Water Supply	$3,300,000	$0	**$92,070**
Havre de Grace Water Treatment Plant Upgrade	$1,150,000	$0	**$32,085**

PROJECTS THAT IMPACT DEBT SERVICE - ESTIMATED ANNUAL DEBT SERVICE

Project Title/Purpose	Prior Bond Appropriation	FY 21 Bond Funding	Estimated Annual Debt Service
WATER AND SEWER PROJECTS:			
Oak Grove Booster Station	$330,000	$0	**$9,207**
Replacement of Water Booster Station SCADA	$1,950,000	$0	**$54,405**
US 40 and Rt. 159 SHA Water Relocation	$3,900,000	$0	**$108,810**
Bio Solids Facilities Enhancements	$8,700,000	$2,600,000	**$315,270**
Brentwood Park Pumping Station Improvements	$1,250,000	$0	**$34,875**
Magnolia Sewer Petition	$85,000	$0	**$2,372**
Sod Run Facility Improvements	$3,900,000	$0	**$108,810**
Sod Run WWTP Ultraviolet Disinfection Project	$3,000,000	$1,000,000	**$83,700**
Woodridge Sewer Petition	$385,000	$0	**$10,742**
Bill Bass PS FM Replacement	$790,102	$0	**$24,500**
Bush Creek Pump Station	$26,500,000	$0	**$2,532,141**
Edgewood Interceptor Sewer Parallel	$650,000	$0	**$47,074**
Fallston Area Sewer	$3,800,000	$0	**$101,840**
Hickory Sewer Infrastructure Improvement Project	$3,000,000	$0	**$83,700**
Lower Bynum Run Interceptor Phase 6&7	$8,647,154	$0	**$835,535**
Oaklyn Manor/Joppa Area Sewer Relief	$1,005,000	$0	**$87,098**
TOTAL ESTIMATED ANNUAL DEBT SERVICE - WATER AND SEWER FUND:			**$5,033,094**

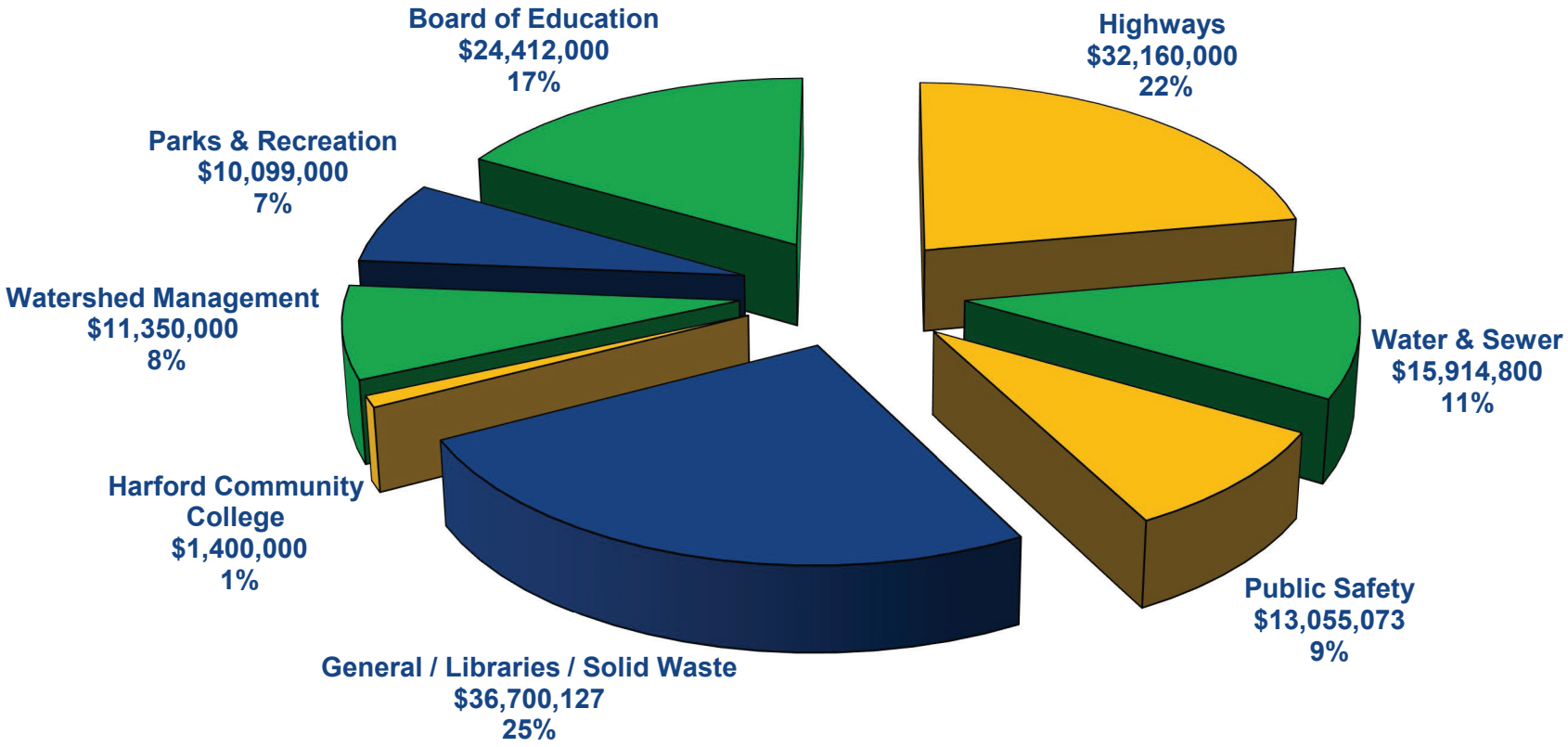
FY 21
CAPITAL BUDGET
SUMMARY

APPROVED CAPITAL BUDGET
REVENUES
FISCAL YEAR 2020 - 2021
TOTAL BUDGET $145,091,000



**County Bonds includes Prior Bonds*

APPROVED CAPITAL BUDGET
APPROPRIATIONS
FISCAL YEAR 2020 - 2021
TOTAL BUDGET $145,091,000



FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
GENERAL FUND														
GENERAL CAPITAL														
Board of Education Debt Service 21	21,433,334	0	0	0	0	0	0	400,000	9,500,000	11,533,334	0	0	0	0
Facilities Repair Program	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0	0	0
Fleet Maintenance Facility	780,000	0	0	0	780,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	2,500,000	1,213,207	1,286,793	0	0	0	0	0	0	0	0	0	0	0
Harford County Agricultural Research and Exposition Center	1,200,000	0	0	0	800,000		0	0	0	0	400,000	0	0	0
Lease Revenue General	7,000,000	0	0	0	0		7,000,000	0	0	0	0	0	0	0
Refresh Program	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	0
Site Acquisition	850,000	0	0	0	500,000		0	0	0	0	0	0	0	350,000
SUB-TOTAL GENERAL	37,513,334	1,213,207	2,036,793	0	5,080,000	0	7,000,000	400,000	9,500,000	11,533,334	400,000	0	0	350,000
WATERSHED MANAGEMENT														
Bynum Run @ ST. Andrews Way Stream Restoration	(700,000)	(38,961)	0	(661,039)	0	0	0	0	0	0	0	0	0	0
County Owned Stormwater Mgt Rehabilitation and Repair	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	0
County Owned Watershed Restoration Improvements	4,600,000	0	0	0	3,400,000	0	0	0	0	0	1,200,000	0	0	0
Maintenance/Repair of Dams*	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0	0
Middle Bynum Run Watershed Restoration Improvements	1,250,000	0	0	200,000	50,000		0	0	0	0	1,000,000	0	0	0
Septic System Disconnection*	300,000	0	300,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention*	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0	0
Sunnyview Stream Restoration	500,000	38,961	0	461,039	0	0	0	0	0	0	0	0	0	0
Watershed Restoration Assessment	2,000,000	0	0	0	1,000,000	0	0	0	0	0	900,000	0	100,000	0
Watershed Restoration Improvements	2,800,000	0	0	0	2,000,000	0	0	0	0	0	800,000	0	0	0
Watershed Restoration Maintenance*	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	0
Wheel Creek Watershed Restoration	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0	0
**Special Dedicated Paygo*														
SUB-TOTAL WATERSHED MANAGEMENT	11,350,000	0	700,000	0	6,650,000	0	0	38,961	0	0	3,900,000	0	100,000	0

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
GENERAL FUND														
PUBLIC SAFETY														
Aberdeen VFC Main Station Renovation	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	0
EMS Station	(1,500,000)	0	0	(1,500,000)	0	0	0	0	0	0	0	0	0	0
HCSO Computer Equipment/Networks	778,673	0	778,673	0	0		0	0	0	0	0	0	0	0
HCSO Mobile Data Terminal Replacement	551,400	0	551,400	0	0	0	0	0	0	0	0	0	0	0
Mobile/Portable Radio System Upgrade	3,115,000	0	0	0	3,115,000	0	0	0	0	0	0	0	0	0
Next-Gen 911	1,585,000	0	1,335,000	0	0	0	0	0	0	0	250,000	0	0	0
North County EMS Station	2,700,000	0	0	0	2,700,000	0	0	0	0	0	0	0	0	0
Riverside Fire and EMS Station	3,800,000	0	0	1,500,000	2,300,000	0	0	0	0	0	0	0	0	0
VFC Facility Repair	750,000	0	750,000	0	0	0	0	0	0	0	0	0	0	0
VFC Public Safety Equipment	775,000	0	775,000	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	13,055,073	0	4,690,073	0	8,115,000	0	0	0	0	0	250,000	0	0	0
HARFORD COMMUNITY COLLEGE														
Chesapeake Welcome Center	1,400,000	0	0	0	1,400,000		0	0	0	0	0	0	0	0
SUB-TOTAL HARFORD COMMUNITY COLLEGE	1,400,000	0	0	0	1,400,000	0	0	0	0	0	0	0	0	0
LIBRARIES														
HCPL Technology	400,000	0	400,000	0	0		0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0	0

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
BOARD OF EDUCATION														
ADA Improvements	(37,185)	(19,517)	0	(17,668)	0	0	0	0	0	0	0	0	0	0
Athletic and Recreation Repairs and Improvements	473,937	261,638	0	212,299	0	0	0	0	0	0	0	0	0	0
Athletic Fields Repair and Restoration	(61,781)	(61,781)	0	0	0	0	0	0	0	0	0	0	0	0
Backflow Prevention	(10,491)	0	0	0	0	0	0	0	(10,491)	0	0	0	0	0
Darlington ES Comprehensive HVAC Systemic Project	(105,812)	0	0	(105,812)	0	0	0	0	0	0	0	0	0	0
Educational Facility Program	1,945,671	814,671	1,131,000	0	0		0	0	0	0	0	0	0	0
Energy Efficiency Initative Projects	(114,316)	(114,316)	0	0	0	0	0	0	0	0	0	0	0	0
Fallston Chiller Replacement	(74,094)	0	0	(74,094)	0	0	0	0	0	0	0	0	0	0
Fire Alarm and ER Communication	(33,419)	(9,224)	0	(24,195)	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,558,159	0	1,542,000	16,159	0		0	0	0	0	0	0	0	0
HCPS Facilities Repair Program	437,185	19,517	0	417,668	0	0	0	0	0	0	0	0	0	0
HCPS Facilities Master Plan	670,000	0	670,000	0	0		0	0	0	0	0	0	0	0
Integrated Business Systems	(10,874)	0	0	0	0	0	0	0	(10,874)	0	0	0	0	0
Joppatowne High School Limited Renovation Project	9,837,000	0	0	0	8,040,000		0	0	0	0	1,797,000	0	0	0
Life, Health, Safety and Compliance Measures	688,226	123,540	0	24,195	530,000		0	0	10,491	0	0	0	0	0
Major HVAC	1,324,990	0	0	1,324,990	0	0	0	0	0	0	0	0	0	0
Major HVAC Repairs	(1,021,495)	0	0	(1,021,495)	0	0	0	0	0	0	0	0	0	0
Music Equipment Refresh	(2,476)	(2,476)	0	0	0	0	0	0	0	0	0	0	0	0
North Harford HS Aqualculture Lab and Greenhouse	(37,701)	(37,701)	0	0		0	0	0	0	0	0	0	0	0
North Harford MS Domestic Water Improvements	(520,777)	0	0	(520,777)	0	0	0	0	0	0	0	0	0	0
Replacement Buses	(16,159)	0	0	(16,159)	0	0	0	0	0	0	0	0	0	0
Riverside ES HVAC Systemic Renovation	(44,731)	0	0	(44,731)	0	0	0	0	0	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	(119,722)	0	0	(119,722)	0	0	0	0	0	0	0	0	0	0
Roof Replacement - Bel Air Middle School	7,480,000	0	0	0	3,196,000		0	0	0	0	4,284,000	0	0	0
Roof Replacement - Hickory Elementary School	2,222,000	0	0	0	634,000		0	0	0	0	1,588,000	0	0	0
Roof Replacement - North Harford Elementary School	(50,658)	0	0	(50,658)	0	0	0	0	0	0	0	0	0	0
Special Educaton Facilities Improvements	(398,264)	(398,264)	0	0	0	0	0	0	0	0	0	0	0	0
Swimming Pool Renovations	(162,156)	(162,156)	0	0	0	0	0	0	0	0	0	0	0	0
Technology Education Lab Refresh	(23,352)	(23,352)	0	0	0	0	0	0	0	0	0	0	0	0
Technology Infrastructure	(409,986)	(409,986)	0	0	0	0	0	0	0	0	0	0	0	0
Technology Infrastructure	1,420,860	409,986	1,000,000	0	0		0	0	10,874	0	0	0	0	0
Textbooks/Supplemental Refresh	(390,579)	(390,579)	0	0	0	0	0	0	0	0	0	0	0	0
						0								
SUB-TOTAL BOARD OF EDUCATION	24,412,000	0	4,343,000	0	12,400,000	0	0	0	0	0	7,669,000	0	0	0
SUB-TOTAL GENERAL FUND CAPITAL	88,130,407	1,174,246	12,169,866	0	33,645,000	0	7,000,000	438,961	9,500,000	11,533,334	12,219,000	0	100,000	350,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
				FY 21 APPROVED CAPITAL BUDGET										
SOLID WASTE SERVICES														
SOLID WASTE SERVICES														
Environmental Studies and Projects (New)	233,801	233,801	0	0	0		0	0	0	0	0	0	0	0
Environmental Studies and Projects (93)	(233,801)	(233,801)	0	0	0		0	0	0	0	0	0	0	0
Former Spencers Landfill Closure (East Side)	(1,771,901)	(1,771,901)	0	0	0		0	0	0	0	0	0	0	0
Full Cost Accounting Study	(64,960)	(64,960)	0	0	0		0	0	0	0	0	0	0	0
HWDC Landfill Capping	125,000	125,000	0	0	0		0	0	0	0	0	0	0	0
Solid Waste Facilities Repair Program	1,000,000	500,000	0	500,000	0		0	0	0	0	0	0	0	0
Tollgate Landfill Gas System	(1,346)	(1,346)	0	0	0		0	0	0	0	0	0	0	0
Tollgate Yard Trim Recycling Center	(500,000)	0	0	(500,000)	0		0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	(1,213,207)	(1,213,207)	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ALL GENERAL FUND CAPITAL	86,917,200	0	12,169,866	0	33,645,000	0	7,000,000	438,961	9,500,000	11,533,334	12,219,000	0	100,000	350,000

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
PARKS & RECREATION FUND														
PARKS & RECREATION														
ADA Improvements	25,000	0	0	0	0		0	0	0	0	0	0	0	25,000
Athletic Field Improvements	5,000,000	0	0	0	5,000,000		0	0	0	0	0	0	0	0
Canoe and Kayak Water Access	400,000	0	0	0	0		0	0	0	150,000	150,000	0	0	100,000
Eden Mill Park Rehabilitation	100,000	0	0	0	0		0	0	0	50,000	0	0	0	50,000
Emily Bayless Graham Park	470,000	0	0	0	0		0	0	0	147,500	0	322,500	0	0
Emmorton Recreation and Tennis Center Improvements *	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
Equestrian Center Improvements	100,000	0	0	0	0		0	0	0	100,000	0	0	0	0
Facility Renovations	34,000	0	0	0	0		0	0	0	34,000	0	0	0	0
Flying Point Park Improvements	650,000	0	0	0	0		0	0	0	250,000	0	400,000	0	0
Gymnasium Floor Repair and Renovation	25,000	0	0	0	0		0	0	0	0	0	0	0	25,000
Jarrettsville Recreation Complex/Center	200,000	0	0	0	200,000		0	0	0	0	0	0	0	0
Mariner Point Park Renovations	100,000	0	0	0	0		0	0	0	100,000	0	0	0	0
Nuttal Avenue Park Development	150,000	0	0	0	0		0	0	0	120,000	0	30,000	0	0
Park Improvements	25,000	0	0	0	0		0	0	0	25,000	0	0	0	0
Parkland Acquisition	525,000	0	0	0	0		0	0	0	25,000	0	500,000	0	0
Perryman Park Development	120,000	0	0	0	0		0	0	0	120,000	0	0	0	0
Playground Equipment	250,000	0	0	0	0		0	0	0	150,000	0	25,000	0	75,000
Rockfield Park Improvements	100,000	0	0	0	0		0	0	0	0	0	75,000	0	25,000
Swan Harbor Farm Improvements*	75,000	0	75,000	0	0		0	0	0	0	0	0	0	0
Tennis/Multipurpose Courts	100,000	0	0	0	0		0	0	0	100,000	0	0	0	0
Trails and Linear Parks	1,600,000	0	0	0	1,500,000		0	0	0	0	100,000	0	0	0
**Parks & Recreation Special Revenue Paygo*														
TOTAL PARKS & RECREATION CAPITAL	10,099,000	0	125,000	0	6,700,000	0	0	0	0	1,371,500	250,000	1,352,500	0	300,000

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
HIGHWAYS FUND														
HIGHWAYS														
BRIDGES														
Boggs Road Bridge #66	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Bridge and Culvert Rehabilitation	2,500,000	0	0	0	2,500,000		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	300,000	0	0	0	0		0	0	0	0	0	0	300,000	0
Bridge Inspection Program - Under 20' Spans	250,000	0	250,000	0	0		0	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	(72,277)	(72,277)	0	0	0		0	0	0	0	0	0	0	0
Chestnut Hill Bridge #40	160,000	0	0	0	120,000	0	0	0	0	0	0	0	40,000	0
Deep Run Road Bridge #152	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Glen Cove Road Bridge #155	1,075,912	0	0	180,912	895,000		0	0	0	0	0	0	0	0
Glen Cove Road Bridge #156	(590,248)	(590,248)	0	0	0		0	0	0	0	0	0	0	0
Green Road Bridges #119 and #122	(103,638)	0	0	(103,638)	0		0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	1,100,000	0	0	0	1,100,000		0	0	0	0	0	0	0	0
Madonna Road Bridge #113	500,000	0	0	0	100,000		0	0	0	0	0	0	400,000	0
New Park Road Bridge #125	(77,274)	0	0	(77,274)	0		0	0	0	0	0	0	0	
Snake Lane Bridge #31	(17,083)	(17,083)	0	0	0		0	0	0	0	0	0	0	0
Stafford Road Bridge #24	2,800,000	0	0	0	600,000		0	0	0	0	0	0	2,200,000	0
Structural Evaluation	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
SUB-TOTAL BRIDGES	8,625,392	(679,608)	550,000	0	5,815,000	0	0	0	0	0	0	0	2,940,000	0
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	0
Intersection Improvements	150,000	0	0	0	150,000		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
Spesutia Road Reconstruction/Upgrade	5,000,000	0	0	0	5,000,000		0	0	0	0	0	0	0	0
Stormdrain Rehabilitation	125,000	0	125,000	0	0		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	300,000	0	300,000	0	0		0	0	0	0	0	0	0	0
Washington Court Access Road	2,150,000	0	0	0	2,150,000		0	0	0	0	0	0	0	0
Woodley Road Extension to MD 715	1,000,000	0	0	0	1,000,000		0	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	9,225,000	0	825,000	0	8,300,000	0	0	0	0	0	0	0	0	100,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
					FY 21 APPROVED CAPITAL BUDGET									
HIGHWAYS FUND														
HIGHWAYS														
RESURFACING														
Resurfacing Roadways	9,754,608	679,608	9,075,000	0	0		0		0	0	0	0	0	0
SUB-TOTAL RESURFACING	9,754,608	679,608	9,075,000	0	0		0	0	0	0	0	0	0	0
OTHER														
APG Gate PILOT	0	0	210,968	0	0		0	0	0	0	0	0	0	(210,968)
Efficiency Capital Investment Project	40,000	0	40,000	0	0		0	0	0	0	0	0	0	0
Fleet Maintenance Facility	1,020,000	0	0	0	1,020,000		0	0	0	0	0	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0		0	0	0	0	0	0	0	0
Highways Facilities Repair Program	220,000	0		0	220,000		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
Refresh Program	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
Safeguarding Business Operations	75,000	0	75,000	0	0		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	4,555,000	0	2,525,968	0	1,240,000	0	1,000,000	0	0	0	0	0	0	(210,968)
TOTAL HIGHWAYS FUND CAPITAL	32,160,000	0	12,975,968	0	15,355,000	0	1,000,000	0	0	0	0	0	2,940,000	(110,968)

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
WATER & SEWER FUND														
WATER PROJECTS														
Abingdon WTP Switch Gear/Generator Upgrade	1,500,000	0	0	0	1,500,000		0	0	0	0	0	0	0	0
Fleet Maintenance Facility	200,000	0	0	0	200,000		0	0	0	0	0	0	0	0
Fleet Replacement	800,000	0	800,000	0	0		0	0	0	0	0	0	0	0
Lease Revenue Water and Sewer	1,000,000	0	0	0	0		1,000,000	0	0	0	0	0	0	0
Magnolia Booster Station	100,000	100,000	0	0	0		0	0	0	0	0	0	0	0
MDTA I-95 Improvements	250,000	0	250,000	0	0		0	0	0	0	0	0	0	0
Refresh Program	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
Renewal and Replacement Water Infrastructure	300,000	0	0	0	300,000		0	0	0	0	0	0	0	0
Safeguarding Busines Operations	75,000	0	75,000	0	0		0	0	0	0	0	0	0	0
SCADA Information Management Systems	100,000	0	100,000	0	0		0	0	0	0	0	0	0	0
SHA Improvement Projects	200,000	0	200,000	0	0		0	0	0	0	0	0	0	0
Tank Painting	(2,100,000)	(2,100,000)	0	0	0		0	0	0	0	0	0	0	0
Water and Sewer Billing Project	1,000,000	1,000,000	0	0	0		0	0	0	0	0	0	0	0
Water and Sewer Facilities Repair Program	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Water & Sewer Infrastructure Improvements Projects	1,000,000	0	1,000,000	0	0		0	0	0	0	0	0	0	0
Water Meter Upgrade	250,000	0	250,000	0	0		0	0	0	0	0	0	0	0
Water Zone Improvements	200,000	0	200,000	0	0		0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	5,175,000	(1,000,000)	2,925,000	0	2,250,000	0	1,000,000	0	0	0	0	0	0	0
SEWER PROJECTS														
Bio Solids Facilities Enhancements	2,600,000	0	0	0	2,600,000		0	0	0	0	0	0	0	0
Brentwood Park Pumping Station Improvements	500,000	0	500,000	0	0		0	0	0	0	0	0	0	0
Freys Road Sewer Petition	475,000	0	0	0	0		0	0	0	0	475,000	0	0	0
Future Petition Projects	375,000	0	375,000	0	0		0	0	0	0	0	0	0	0
Infiltration and Inflow 09	(2,025,567)	(2,025,567)	0	0	0		0	0	0	0	0	0	0	0
Magnolia Sewer Petition	604,500	0	0	0	0		0	0	0	0	604,500	0	0	0
Pumping Station Improvements	100,000	100,000	0	0	0		0	0	0	0	0	0	0	0
Renewal and Replacement Sewer Infrastructure	350,000	0	350,000	0	0		0	0	0	0	0	0	0	0
Sod Run Facility Improvements	2,700,000	2,700,000	0	0	0		0	0	0	0	0	0	0	0
Sod Run WWTP Ultraviolet Disinfection Project	1,000,000	0	0	0	1,000,000		0	0	0	0	0	0	0	0
Town Center Drive Pump Station Replacement	225,567	225,567	0	0	0		0	0	0	0	0	0	0	0
Utility Protection/Restoration	200,000	0	200,000	0	0		0	0	0	0	0	0	0	0
Woodridge Sewer Petition	3,635,300	0	0	0	0		0	0	0	0	3,635,300	0	0	0
SUB-TOTAL SEWER PROJECTS	10,739,800	1,000,000	1,425,000	0	3,600,000	0	0	0	0	0	4,714,800	0	0	0
TOTAL WATER & SEWER FUND CAPITAL	15,914,800	0	4,350,000	0	5,850,000	0	1,000,000	0	0	0	4,714,800	0	0	0
TOTAL APPROVED CAPITAL BUDGET	145,091,000	0	29,620,834	0	61,550,000	0	9,000,000	400,000	9,500,000	12,904,834	17,183,800	1,352,500	3,040,000	539,032

FISCAL YEAR 2021
APPROVED CAPITAL BUDGET HIGHLIGHTS

FISCAL YEAR 2021 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.

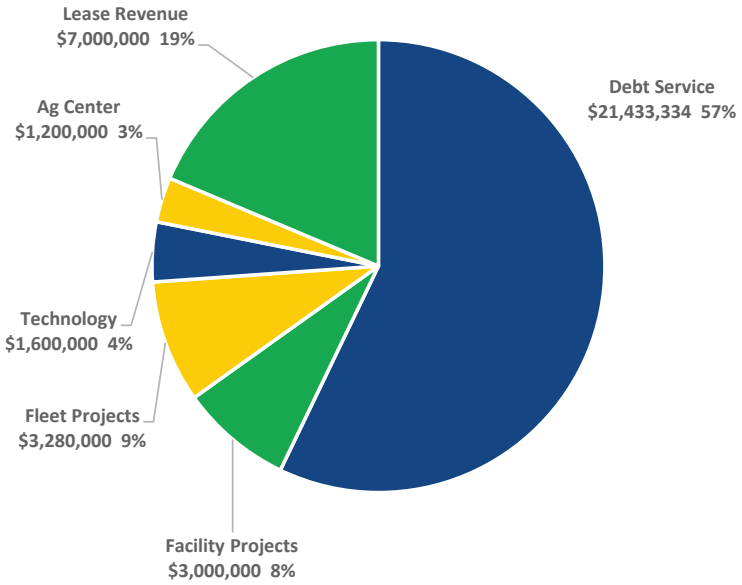
The Approved Fiscal Year 2021 Capital Budget consists of 176 projects at a total cost of $145,091,000. With the continued demands of a tough economy this budget supports our most pressing challenges including school modernization issues, public safety, sustaining a strong infrastructure, and the environment.

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 2020, Moody's Investor Service, Fitch Ratings and Standard and Poor's all reaffirmed Harford County's AAA bond rating.

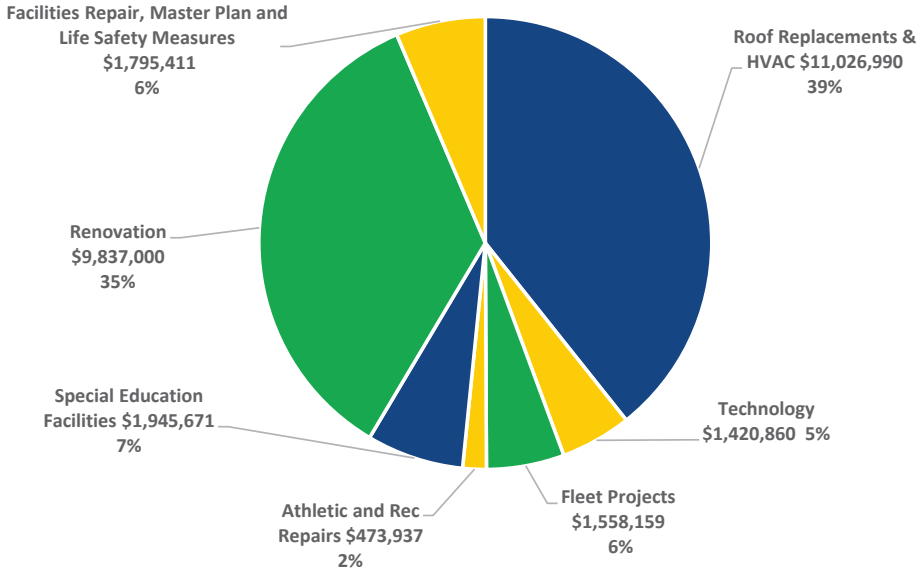
The County imposes a Recordation Tax on home sales and refinances, and a Transfer Tax on the sale of new or existing homes. Each of these generate revenues that are in part restricted to school construction and/or school debt service. A description of Recordation and Transfer Tax history and restrictions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

FISCAL YEAR 2021
APPROVED CAPITAL BUDGET HIGHLIGHTS

General Capital Projects



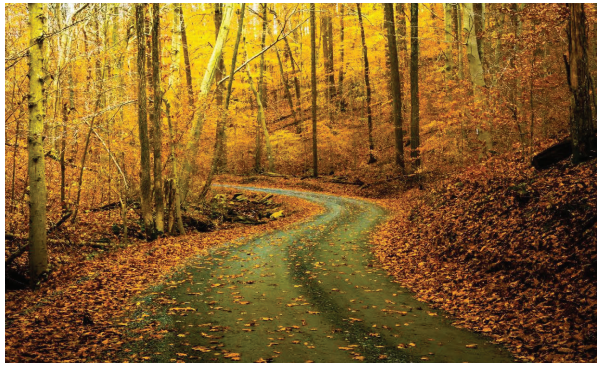
Board of Education Projects

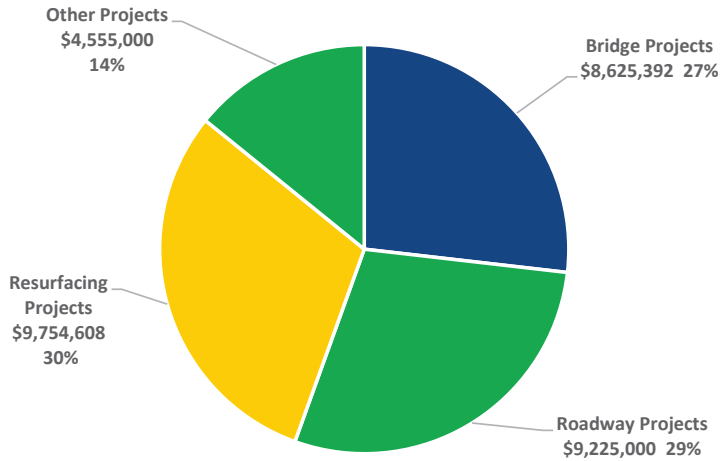


FISCAL YEAR 2021
APPROVED CAPITAL BUDGET HIGHLIGHTS

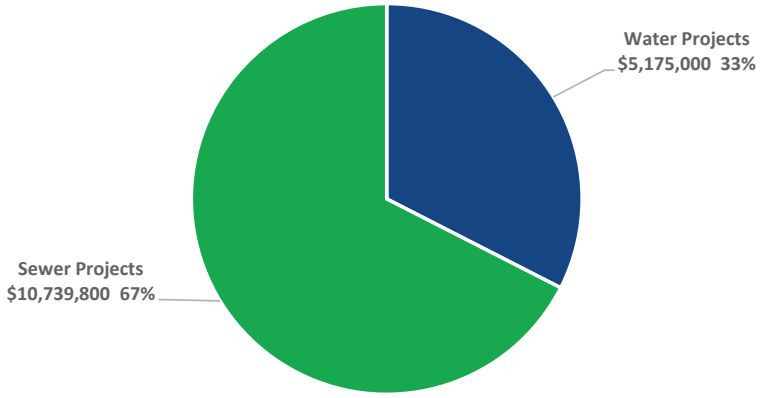
DEPARTMENT OF PUBLIC WORKS PROJECTS

Highways Projects





Water and Sewer Projects



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

	GENERAL	HIGHWAYS	PARKS & REC.	TOTAL
TOTAL FUND BALANCE AT JUNE 30, 2019	29,272,876	8,771,581	2,042,833	40,087,290
Less: Restricted Fund Balance				
Recordation and Transfer Tax	2,851,912	0	575,994	3,427,906
Bond Proceeds	22,819,645	0	0	22,819,645
Less: Unrestricted Fund Balance				
Appropriation of Fund Balance	257,000	0	0	257,000
Encumbrances	3,344,319	8,771,581	1,466,839	13,582,739
	29,272,876	8,771,581	2,042,833	40,087,290
Fund Balance Available for Appropriation at June 30, 2019				
Undesignated Fund Balance	0	0	0	0
Estimated Revenues - Open Project	570,928,844	151,611,827	99,285,020	821,825,691
Estimated Expenditures - Open Project	(570,924,470)	(151,611,827)	(98,779,508)	(821,315,805)
Fund Balance Available for Appropriation at June 30, 2020				
Undesignated Fund Balance	4,374	0	505,512	509,886
Fund Balance Available for Appropriation at June 30, 2020				
Undesignated Fund Balance	4,374	0	505,512	509,886
Estimated Revenues Fiscal Year 2021				
Paygo	12,169,866	12,975,968	125,000	25,270,834
Recordation Tax	11,533,334	0	1,371,500	12,904,834
Transfer Tax	9,500,000	0	0	9,500,000
Reappropriated from Prior Projects	400,000	0	0	400,000
Future Bonds	33,645,000	15,355,000	6,700,000	55,700,000
Prior Bonds	0	0	0	0
Federal Grant	100,000	2,940,000	0	3,040,000
State Bonds	7,669,000	0	0	7,669,000
State Grants	4,550,000	0	1,602,500	6,152,500
Lease Finance	7,000,000	1,000,000	0	8,000,000
Developer/Other	350,000	(110,968)	300,000	539,032
Total Estimated Revenues Fiscal Year 2021	86,917,200	32,160,000	10,099,000	129,176,200
Estimated Expenditures Fiscal Year 2021	(86,917,200)	(32,160,000)	(10,099,000)	(129,176,200)
Fund Balance Available for Appropriation at June 30, 2021				
Undesignated Fund Balance	4,374	0	505,512	509,886

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

	WATER & SEWER
Unrestricted Net Assets June 30, 2019	0
Estimated Revenues - Open Projects	207,995,658
Estimated Expenditures - Open Projects	(207,995,658)
Estimated Unrestricted Net Assets June 30, 2020	0
Estimated Revenues Fiscal Year 2021	
Paygo	4,350,000
Future Bonds	5,850,000
Lease Finance	1,000,000
State	4,714,800
Total Estimated Revenues Fiscal Year 2021	15,914,800
Estimated Expenditures Fiscal Year 2021	(15,914,800)
Estimated Unrestricted Net Assets June 30, 2021	0

DEDICATED RECORDATION TAX

STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	BOARD OF EDUCATION	PARKS & RECREATION	STORMWATER MANAGEMENT DEBT SERVICE
UNDESIGNATED RECORDATION TAX FUND BALANCE			
AVAILABLE FOR APPROPRIATION AT JUNE 30, 2019	1,051,512	575,994	8,749,353
Plus Fiscal Year 2020 Estimated Recordation Tax Revenues	11,333,334	2,833,333	2,833,333
Plus Fiscal Year 2020 Estimated Other Revenue	0	0	65,800
Less Fiscal Year 2020 Estimated Expenditures	(11,765,600)	(3,375,000)	(1,208,000)
ESTIMATED RECORDATION TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2020	619,246	34,327	10,440,486
Plus Fiscal Year 2021 Estimated Revenues:			
Plus Fiscal Year 2021 Estimated Recordation Tax Revenues	11,533,334	2,883,333	2,883,333
Plus Fiscal Year 2021 Estimated Recordation Tax Revenues	0	0	117,435
Less Fiscal Year 2021 Estimated Expenditures	(11,933,334)	(2,883,333)	(972,063)
ESTIMATED RECORDATION TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2021	219,246	34,327	12,469,191

DEDICATED TRANSFER TAX

STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	AGRICULTURAL PRESERVATION	BOARD OF EDUCATION
TOTAL FUND BALANCE AT JUNE 30, 2019	38,723,753	1,800,400
Plus Fiscal Year 2020 Estimated Revenues:		
Transfer Tax		
2020 Transfer Tax receipts	9,350,000	9,350,000
Other Revenues	2,822,000	0
Less Fiscal Year 2020 Estimated Expenditures	(9,832,000)	(11,150,400)
Less: Committed Fund Balance Designated for Other Purposes	(20,134,034)	0
UNDESIGNATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2020	20,929,719	0
Plus Fiscal Year 2021 Estimated Revenues:		
Transfer Tax		
2021 Transfer Tax receipts	9,500,000	9,500,000
Other Revenue	4,094,000	0
Less Fiscal Year 2021 Estimated Expenditures	(13,594,000)	(9,500,000)
ESTIMATED TRANSFER TAX FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2021	20,929,719	0

DEDICATED IMPACT FEE

STATEMENT OF ESTIMATED UNAPPROPRIATED FUND BALANCE

	BOARD OF EDUCATION
UNDESIGNATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2019	0
Plus Fiscal Year 2020 Estimated Impact Fee Revenues	3,500,000
Less Fiscal Year 2020 Estimated Expenditures	(3,500,000)
ESTIMATE IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2020	0
Plus Fiscal Year 2021 Estimated Revenues:	
Fiscal Year 2021 Impact Fee Revenues	1,750,000
Less Fiscal Year 2021 Estimated Expenditures	(1,750,000)
ESTIMATED IMPACT FEE FUND BALANCE AVAILABLE FOR APPROPRIATION AT JUNE 30, 2021	0

DEDICATED CAPITAL FUNDING

Harford County has three revenue streams that are dedicated to funding school capacity and modernization projects and/or the debt service incurred for them, park and recreation facilities, and the preservation of agricultural farm land. The following pages provide an explanation of their origin, the taxes, and the details of which ones have been appropriated for FY 21.

RECORDATION TAX

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

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

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

I deposited in a special capital improvement fund for:
- o payment of the principal and interest on school construction debt
- o major improvements and capital improvements to existing school facilities
- o new school construction
- o portable classrooms

II deposited in a fund for land and recreation open spaces:
- o to purchase park lands and develop park and recreation facilities as separate units or as a part of a public school facility
- o to pay loans made for those purchases
- o to match any funds provided for those purchases

III dedicated (per Resolution No. 005-15) at a rate of $.55 to fund the implementation of local watershed protection and restoration projects throughout Harford County.

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

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

DEDICATED CAPITAL FUNDING

For FY 21 Recordation Tax revenues are appropriated as follows:

Harford County's FY 21 Operating Budget				**$14,920,334**
From FY 21 Estimated Recordation Tax Receipts:			**$14,520,334**	
Board of Education Debt Service		**$11,533,334**		
Principal Payments	$8,085,556			
Interest Payments	3,447,778			
	$11,533,334			
Stormwater Management Debt Service		**$2,987,000**		
From Prior Year Recordation Tax Receipts			**$400,000**	
Board of Education Debt Service		**$400,000**		
Principal Payments	$301,031			
Interest Payments	98,969			
	$400,000			
Harford County's FY 21 Capital Budget				**$1,371,500**
Parks & Recreation Projects			**$1,371,500**	
Canoe and Kayak Water Access	150,000			
Eden Mill Park Rehabilitation	50,000			
Emily Bayless Graham Park	147,500			
Equestrian Center Improvements	100,000			
Facility Renovations	34,000			
Flying Point Park Improvements	250,000			
Mariner Point Park Renovations	100,000			
Nuttal Avenue Park Development	120,000			
Park Improvements	25,000			
Parkland Acquisition	25,000			
Perryman Park Development	120,000			
Playground Equipment	150,000			
Tennis/Multipurpoe Courts	100,000			
Total Recordation Tax revenues appropriated for Fiscal Year 2021				**$16,291,834**

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 21 Transfer Tax revenues are appropriated as follows:

Harford County's FY 21 Operating Budget

From FY 21 Estimated Transfer Tax Receipts:				**$19,000,000**
Agricultural Preservation Fund			**$9,500,000**	
Board of Education Debt Service			**$9,500,000**	
	Principal Payments	$7,638,137		
	Interest Payments	1,861,863		
		$9,500,000		

DEDICATED CAPITAL FUNDING

PUBLIC SCHOOL DEVELOPMENT IMPACT FEE

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

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

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

	Fiscal Year		
Type of Residential Development	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 2021 are presented in the following table:

Fiscal Year	Public Schools
2015	2,560,800
2016	2,444,400
2017	2,707,200
2018	3,531,600
2019	3,438,000
2020*	3,500,000
2021*	1,750,000

*Estimate

HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION
DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS
FY 21 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS

FY 21 RECORDATION TAX AVAILABLE	11,533,334
PRIOR YEAR RECORDATION TAX	98,969
FY 21 TRANSFER TAX AVAILABLE	9,500,000
PRIOR YEAR TRANSFER TAX	0
IMPACT FEES APPROPRIATED	2,743,845
GENERAL FUNDS APPROPRIATED	10,215,806
TOTAL FUNDS AVAILABLE FOR SCHOOL DEBT SERVICE	**34,091,954**

FUNDS APPROPRIATED FOR SCHOOL DEBT SERVICE:

PRINCIPAL

	FY 21 RECORDATION	PRIOR YEAR RECORDATION	FY 21 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 21 GENERAL FUNDS	**TOTAL**
Refunding Bonds of 2010	1,103,762						**1,103,762**
School Bonds of 2010 Series A	6,054,000						**6,054,000**
School Bonds of 2010 Series B	0						**0**
Refunding Bonds of 2012	480,655						**480,655**
School Bonds of 2012	447,139	301,031					**748,170**
School Bonds of 2013			507,992				**507,992**
Refunding Bonds of 2013			4,509,384				**4,509,384**
School Bonds of 2014			193,058				**193,058**
School Bonds of 2015			590,892		2,743,845		**3,334,737**
Refunding Bonds of 2015			1,836,811				**1,836,811**
School Bonds of 2016						517,307	**517,307**
School Bonds of 2017						1,353,349	**1,353,349**
School Bonds of 2018						1,660,295	**1,660,295**
School Bonds of 2019						788,021	**788,021**
School Bonds of 2020						976,366	**976,366**
TOTAL	**8,085,556**	**301,031**	**7,638,137**	**0**	**2,743,845**	**5,295,338**	**24,063,907**

HARFORD COUNTY, MARYLAND
BOARD OF EDUCATION
DEDICATED RECORDATION TAX / DEDICATED TRANSFER TAX / IMPACT FEE / GENERAL FUNDS
FY 21 STATEMENT OF EXPENDITURES FOR SCHOOL DEBT SERVICE AND PAYGO CAPITAL PROJECTS

INTEREST

	FY 21 RECORDATION	PRIOR YEAR RECORDATION	FY 21 TRANSFER	PRIOR YEAR TRANSFER	IMPACT FEE	FY 21 GENERAL FUNDS	**TOTAL**
Refunding Bonds of 2010	54,390						**54,390**
School Bonds of 2010 Series A	151,350						**151,350**
School Bonds of 2010 Series B	3,203,777						**3,203,777**
Refunding Bonds of 2012	38,261						**38,261**
School Bonds of 2012		98,969	182,443				**281,412**
School Bonds of 2013			230,570				**230,570**
Refunding Bonds of 2013			1,031,518				**1,031,518**
School Bonds of 2014			104,159				**104,159**
School Bonds of 2015			313,173				**313,173**
Refunding Bonds of 2015					756,155	1,085,324	**1,841,479**
School Bonds of 2016						274,173	**274,173**
School Bonds of 2017						825,176	**825,176**
School Bonds of 2018						1,133,981	**1,133,981**
School Bonds of 2019						628,446	**628,446**
School Bonds of 2020						973,368	**973,368**
TOTAL	**3,447,778**	**98,969**	**1,861,863**	**0**	**0**	**4,920,468**	**11,085,233**

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

	Total General Fund Debt Service	BOE % of Total County	Board of Education	Board of Education Debt Payment Funding Sources					
				Recordation Tax	Prior Year Recordation Tax	Transfer Tax	Prior Year Transfer Tax	Impact Fee	General Funds
Principal									
661110 Principal	41,922,435	57.40%	24,063,907	8,085,556	301,031	7,638,137	0	2,743,845	5,295,338
Interest									
662110 Interest	17,907,555	61.92%	11,088,233	3,447,778	98,969	1,861,863	0	756,155	4,923,468
Cost of Issuance									
664110 Service Costs	640,000	0.00%	0	0	0	0	0	0	0
Total General Fund Debt Service	60,469,990	58.13%	35,152,140	11,533,334	400,000	9,500,000	0	3,500,000	10,218,806

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
GENERAL FUND								
GENERAL CAPITAL								
FY 21 Funded Projects								
Board of Education Debt Service 21	111,433,334	0	21,433,334	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000
Facilities Repair Program	44,012,301	31,012,301	3,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Fleet Maintenance Facility	16,126,000	15,346,000	780,000	0	0	0	0	0
Fleet Replacement	25,540,000	13,040,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Harford County Ag Research Center & Exposition Center	2,800,000	1,600,000	1,200,000	0	0	0	0	0
Lease Revenue General	7,000,000	0	7,000,000	0	0	0	0	0
Refresh Program	4,853,478	3,353,478	250,000	250,000	250,000	250,000	250,000	250,000
Safeguarding Business Operations	20,525,400	17,525,400	500,000	500,000	500,000	500,000	500,000	500,000
Site Acquisition	28,107,761	24,757,761	850,000	500,000	500,000	500,000	500,000	500,000
Open Projects								
Aberdeen Library Roof and Windows	388,000	388,000	0	0	0	0	0	0
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
Edgewood Library Roof Replacement	221,400	221,400	0	0	0	0	0	0
45 South Main Street - Emergency Power Systems	600,000	600,000	0	0	0	0	0	0
Harford Cable Network High Definition Upgrade	600,000	600,000	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	16,280,000	16,280,000	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
Repairs to 45 South Main Street Building	100,000	100,000	0	0	0	0	0	0
General Capital Total by Project	298,931,574	145,168,240	37,513,334	23,250,000	23,250,000	23,250,000	23,250,000	23,250,000
Paygo	51,712,455	35,925,662	2,036,793	2,750,000	2,750,000	2,750,000	2,750,000	2,750,000
Prior Paygo	1,213,207	0	1,213,207	0	0	0	0	0
Reappropriated	5,327,529	4,927,529	400,000	0	0	0	0	0
Future Bonds	17,580,000	0	5,080,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Prior Bonds	95,860,157	95,860,157	0	0	0	0	0	0
Transfer Tax	54,500,000	0	9,500,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000
Recordation Tax	56,533,334	0	11,533,334	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000
State	3,219,700	2,819,700	400,000	0	0	0	0	0
Federal	2,725,692	2,725,692	0	0	0	0	0	0
Developer/Other	1,699,500	1,349,500	350,000	0	0	0	0	0
Lease Purchase	8,560,000	1,560,000	7,000,000	0	0	0	0	0
General Capital Total by Fund	298,931,574	145,168,240	37,513,334	23,250,000	23,250,000	23,250,000	23,250,000	23,250,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
					FY 21 APPROVED CAPITAL BUDGET									
GENERAL FUND														
GENERAL CAPITAL														
Board of Education Debt Service 21	21,433,334	0	0	0	0	0	0	400,000	9,500,000	11,533,334	0	0	0	0
Facilities Repair Program	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0	0	0
Fleet Maintenance Facility	780,000	0	0	0	780,000	0	0	0	0	0	0	0	0	0
Fleet Replacement	2,500,000	1,213,207	1,286,793	0	0	0	0	0	0	0	0	0	0	0
Harford County Agricultural Research and Exposition Center	1,200,000	0	0	0	800,000		0	0	0	0	400,000	0	0	0
Lease Revenue General	7,000,000	0	0	0	0		7,000,000	0	0	0	0	0	0	0
Refresh Program	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0	0
Safeguarding Business Operations	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	0
Site Acquisition	850,000	0	0	0	500,000		0	0	0	0	0	0	0	350,000
SUB-TOTAL GENERAL	37,513,334	1,213,207	2,036,793	0	5,080,000	0	7,000,000	400,000	9,500,000	11,533,334	400,000	0	0	350,000

PROJECT: Board of Education Debt Service 21 **GENERAL**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

This project will be ongoing to pay debt service.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		21,433,334	21,433,334	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	111,433,334
Total Cost	0	21,433,334	21,433,334	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	111,433,334
FUNDING SCHEDULE									
R1515 Recordation Tax		11,533,334	11,533,334	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	56,533,334
R1525 Transfer Tax		9,500,000	9,500,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	54,500,000
R8027 Reappropriated Rec. Tax		400,000	400,000						400,000
			0						0
			0						0
			0						0
Total Funds	0	21,433,334	21,433,334	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	111,433,334

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: 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, interioir, mechanical, plumbing, electrical, fire/life safety, and conveyances).

PROJECT SCHEDULE:

FY 21: Office of Aging's elevator renovation and boiler replacement,18 Office St roof replacement and repointing of building Fallston and Joppa Library parking lot repaving.

PROJECT STATUS:

Projects completed: HCSO HQ renovation, Abingdon Library curtain wall replacement and parking lot, Edgewood Senior Center parking lot.
Projects either in engineering or construction phase: 212 elevators, 18 Office St. HVAC system, Abingdon Library HVAC replacement

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	3,049,093	285,000	3,334,093	200,000	200,000	200,000	200,000	200,000	4,334,093
Land Acquisition			0						0
Construction	27,413,756	2,715,000	30,128,756	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	39,128,756
Inspection Fees	549,452		549,452						549,452
Equipment/Furnishing			0						0
Total Cost	31,012,301	3,000,000	34,012,301	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	44,012,301
FUNDING SCHEDULE									
R8750 Paygo	7,427,560		7,427,560						7,427,560
R7000 Future Bonds	0	3,000,000	3,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	13,000,000
R3150 Federal - ARRA Funds	875,792		875,792						875,792
R3199 Federal Other	1,190,000		1,190,000						1,190,000
R3399 State Other	470,000		470,000						470,000
R6999 Other	119,500		119,500						119,500
R7100 Prior Bonds	20,867,396		20,867,396						20,867,396
R8089 Reappropriated Paygo	62,053		62,053						62,053
Total Funds	31,012,301	3,000,000	34,012,301	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	44,012,301

Est. Annual Debt Service Cost
$665,900

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

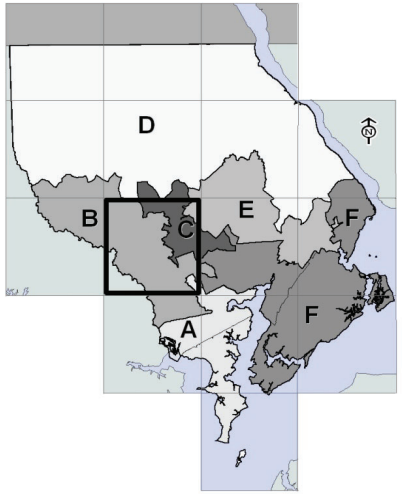
Expended	22,700,871
Encumbered	1,296,409
Total	$23,997,280

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:

FY19 - Design
FY20 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	829,000		829,000						829,000
Land Acquisition			0						0
Construction	14,367,000	780,000	15,147,000						15,147,000
Inspection Fees			0						0
Equipment/Furnishing	150,000		150,000						150,000
Total Cost	15,346,000	780,000	16,126,000	0	0	0	0	0	16,126,000
FUNDING SCHEDULE									
R7100 Prior Bonds	15,346,000		15,346,000						15,346,000
R7000 Future Bonds		780,000	780,000						780,000
			0						0
			0						0
			0						0
Total Funds	15,346,000	780,000	16,126,000	0	0	0	0	0	16,126,000

Est. Annual Debt Service Cost
$449,915

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,363,947
Encumbered	691,451
Total	$2,055,398

PROJECT: Fleet Replacement **GENERAL**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **A124102**

PROJECT DESCRIPTION / JUSTIFICATION:

Provide funds for the replacement of essential vehicles and equipment to enable using agencies to perform their critical jobs in public safety, the Sheriff's Office and DES. Units to be replaced are on average 10 years old with high mileage and have become unreliable.

PROJECT SCHEDULE:

FY 21 Prior Paygo reallocated from several Solid Waste capital projects that are now closed.

PROJECT STATUS:

Ongoing.

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	13,040,000	2,500,000	15,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	25,540,000
Total Cost	13,040,000	2,500,000	15,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	25,540,000
FUNDING SCHEDULE									
R8750 Paygo	13,040,000	1,286,793	14,326,793	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	24,326,793
R8750 Prior Paygo		1,213,207	1,213,207						1,213,207
			0						0
			0						0
			0						0
			0						0
Total Funds	13,040,000	2,500,000	15,540,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	25,540,000

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

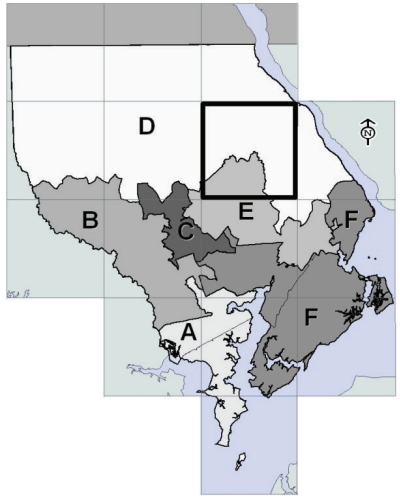
Expended	10,517,799
Encumbered	999,540
Total	$11,517,339

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 The Grove.



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. 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	850,000		850,000						850,000
Land Acquisition			0						0
Construction	750,000	1,200,000	1,950,000						1,950,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,600,000	1,200,000	2,800,000	0	0	0	0	0	2,800,000
FUNDING SCHEDULE									
R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
R7920 State Bonds	150,000		150,000						150,000
R7000 Future Bonds		800,000	800,000						800,000
R3399 State Other		400,000	400,000						400,000
			0						0
			0						0
Total Funds	1,600,000	1,200,000	2,800,000	0	0	0	0	0	2,800,000

Est. Annual Debt Service Cost:
$62,775

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	468,146
Encumbered	851,638
Total	$1,319,784

PROJECT: Lease Revenue General **GENERAL**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		7,000,000	7,000,000						7,000,000
Total Cost	0	7,000,000	7,000,000	0	0	0	0	0	7,000,000
FUNDING SCHEDULE									
R7150 - Lease Finance		7,000,000	7,000,000						7,000,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	7,000,000	7,000,000	0	0	0	0	0	7,000,000

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	
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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,353,478	250,000	3,603,478	250,000	250,000	250,000	250,000	250,000	4,853,478
Total Cost	3,353,478	250,000	3,603,478	250,000	250,000	250,000	250,000	250,000	4,853,478
FUNDING SCHEDULE									
R8750 Paygo	1,897,247	250,000	2,147,247	250,000	250,000	250,000	250,000	250,000	3,397,247
R8089 Reappropriated Paygo	1,456,231		1,456,231						1,456,231
			0						0
			0						0
			0						0
			0						0
Total Funds	3,353,478	250,000	3,603,478	250,000	250,000	250,000	250,000	250,000	4,853,478

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/1/20:

Expended	2,994,716
Encumbered	11,040
Total	$3,005,756

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 20 - Business Continuity (Disaster Recovery)

PROJECT STATUS:

Ongoing.

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	17,525,400	500,000	18,025,400	500,000	500,000	500,000	500,000	500,000	20,525,400
Total Cost	17,525,400	500,000	18,025,400	500,000	500,000	500,000	500,000	500,000	20,525,400
FUNDING SCHEDULE									
R8750 Paygo	12,556,155	500,000	13,056,155	500,000	500,000	500,000	500,000	500,000	15,556,155
R8089 Reappropriated Paygo	3,409,245		3,409,245						3,409,245
R7160 Lease Purchase	1,560,000		1,560,000						1,560,000
			0						0
			0						0
			0						0
Total Funds	17,525,400	500,000	18,025,400	500,000	500,000	500,000	500,000	500,000	20,525,400

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	13,654,928
Encumbered	381,656
Total	$14,036,584

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.
Other funding in FY 21 is reimbursement from the Library to the County for the acquisition of property for the new Darlington Library.

PROJECT SCHEDULE:

PROJECT STATUS:

This project is ongoing.

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			0						0
Land Acquisition	24,757,761	850,000	25,607,761	500,000	500,000	500,000	500,000	500,000	28,107,761
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	24,757,761	850,000	25,607,761	500,000	500,000	500,000	500,000	500,000	28,107,761
FUNDING SCHEDULE									
R3199 Federal Other	525,000		525,000						525,000
R3399 State Other	225,000		225,000						225,000
R7100 Prior Bonds	24,007,761		24,007,761						24,007,761
R7000 Future Bonds		500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
R6999 Other		350,000	350,000						350,000
Total Funds	24,757,761	850,000	25,607,761	500,000	500,000	500,000	500,000	500,000	28,107,761

Est. Annual Debt Service Cost
$683,767

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	18,813,175
Encumbered	0
Total	$18,813,175

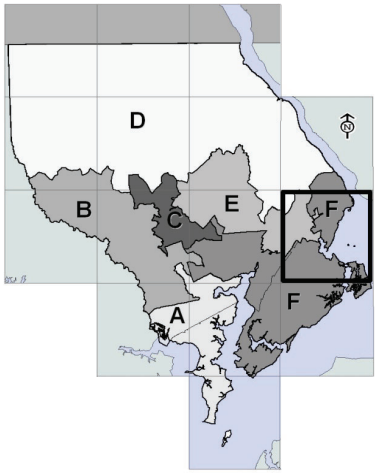
OPEN/ACTIVE PROJECTS

PROJECT: Aberdeen Library Roof and Windows **GENERAL**

COUNCIL DISTRICT: E **LOCATION: Aberdeen** **A174101**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funding for the replacement of the roof and windows at the Aberdeen Library.



PROJECT SCHEDULE:

Project completed.

PROJECT STATUS:

Project completed and will be removed from the Capital Improvement Program following completion of the audit.

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			0						0
Land Acquisition			0						0
Construction	388,000		388,000						388,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	388,000	0	388,000	0	0	0	0	0	388,000
FUNDING SCHEDULE									
R8750 Paygo	194,000		194,000						194,000
R7920 State Bonds	194,000		194,000						194,000
			0						0
			0						0
			0						0
Total Funds	388,000	0	388,000	0	0	0	0	0	388,000

Est. Annual Debt Service Cost:

$0

OPERATING BUDGET IMPACT

Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	383,626
Encumbered	0
Total	$383,626

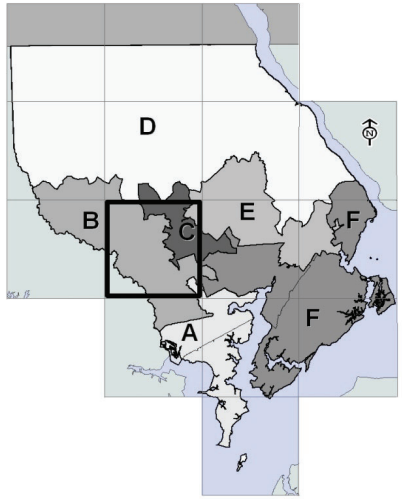
PROJECT: Abingdon Library Window and Hvac Replacement **GENERAL**

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 sg 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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:
$15,785

OPERATING BUDGET IMPACT

Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

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:

FY20: Renovation of slate roof on historic and non-historic building, repointing of non-historic building, slate floor restoration in lobby area, renovation/replacement of prisoner's elevator.

FY21: Replacement of non-historic roof, upgrade of fire alarm system, renovation of bathrooms.

PROJECT STATUS:

Projects completed: Level B/3 courtroom and jury renovations, vestibule and ramps.

Projects either in engineer or construction phase: Prisoner's elevator, slate roof renovation

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	FY2026	
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
$273,420

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

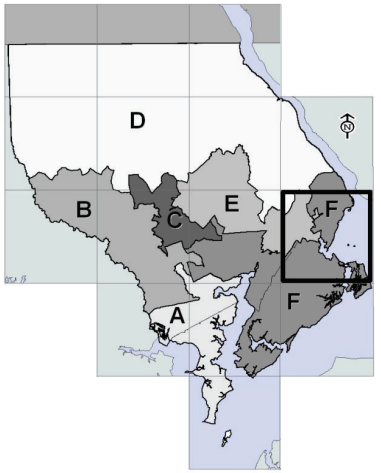
Expended	7,959,560
Encumbered	620,668
Total	$8,580,228

PROJECT: Edgewood Library Roof Replacement **GENERAL**

COUNCIL DISTRICT: A **LOCATION: Edgewood** **A184102**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funding to replace the roof on the Edgewood Library.



PROJECT SCHEDULE:

Project completed.

PROJECT STATUS:

Project completed and will be removed from the Capital Improvement Program followiing the completion of the audit.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	221,400		221,400						221,400
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	221,400	0	221,400	0	0	0	0	0	221,400
FUNDING SCHEDULE									
R8750 Paygo	110,700		110,700						110,700
R7920 State Bonds	110,700		110,700						110,700
			0						0
			0						0
			0						0
Total Funds	221,400	0	221,400	0	0	0	0	0	221,400

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

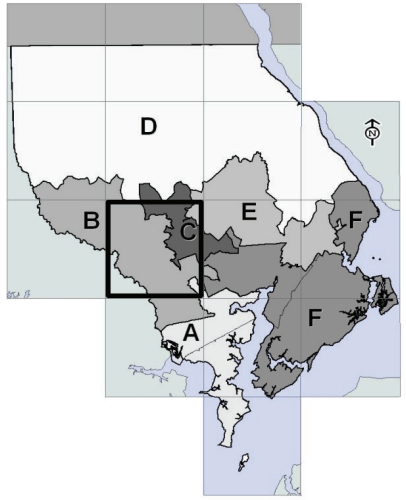
Expended	169,806
Encumbered	0
Total	$169,806

PROJECT: 45 South Main Street - Add Emergency Power Systems **GENERAL**

COUNCIL DISTRICT: C **LOCATION: Bel Air** **A144102**

PROJECT DESCRIPTION / JUSTIFICATION:

Necessary electrical up-grades to provide new generator, transfer switch, main distribution panel and electrical work to provide uninterrupted power for ICT system and Sheriff's IT equipment.



PROJECT SCHEDULE:

Project completed.

PROJECT STATUS

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	500,000	0	500,000						500,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	600,000	0	600,000	0	0	0	0	0	600,000
FUNDING SCHEDULE									
R7100 Prior Bonds	600,000	0	600,000						600,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	600,000	0	600,000	0	0	0	0	0	600,000

Est. Annual Debt Service Cost:
$16,740

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	600,000
Encumbered	0
Total	$600,000

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/20:

Expended	433,396
Encumbered	2,063
Total	$435,459

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 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	16,280,000		16,280,000						16,280,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	16,280,000	0	16,280,000	0	0	0	0	0	16,280,000
FUNDING SCHEDULE									
R7100 Prior Bonds	16,200,000		16,200,000						16,200,000
R6999 Other	80,000		80,000						80,000
			0						0
			0						0
			0						0
			0						0
Total Funds	16,280,000	0	16,280,000	0	0	0	0	0	16,280,000

Est. Annual Debt Service Cost
$451,980

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

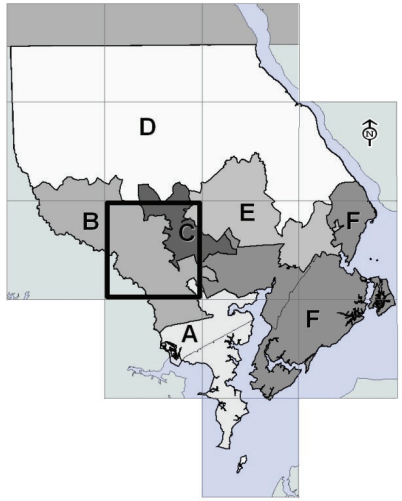
Expended	13,872,798
Encumbered	598,370
Total	$14,471,168

PROJECT: Humane Society **GENERAL**

COUNCIL DISTRICT: B **LOCATION: Benson, MD** **A114102**

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

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	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
$167,400

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

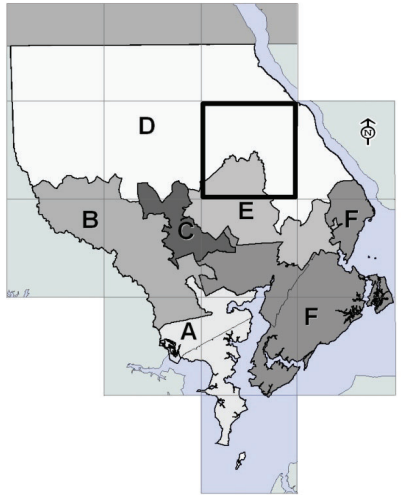
Expended	6,151,335
Encumbered	0
Total	$6,151,335

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 iinclude roof, mechanical, electrical and plumbing.



PROJECT SCHEDULE:

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			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:
$27,900

OPERATING BUDGET IMPACT

Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	27,865
Encumbered	0
Total	$27,865

PROJECT: Repairs to 45 South Main Street Building **GENERAL**

COUNCIL DISTRICT: B **LOCATION: Bel Air** **A134112**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

Project completed.

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	100,000		100,000						100,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	0	0	0	0	0	100,000
FUNDING SCHEDULE									
R8750 Paygo	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	0	0	0	0	0	100,000

Est. Annual Debt Service Cost

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	99,489
Encumbered	0
Total	$99,489

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
GENERAL FUND								
WATERSHED MANAGEMENT								
FY 21 Funded Projects								
Bynum Run @ St. Andrews Way Stream Restoration	2,297,026	2,997,026	(700,000)	0	0	0	0	0
County Owned Stormwater Management Rehab and Repair	850,000	250,000	100,000	100,000	100,000	100,000	100,000	100,000
County Owned Watershed Restoration Improvements	34,775,000	10,800,000	4,600,000	3,675,000	3,775,000	3,875,000	3,975,000	4,075,000
Maintenance/Repair of Dams	2,755,000	2,455,000	50,000	50,000	50,000	50,000	50,000	50,000
Middle Bynum Run Watershed Restoration Improvements	2,450,000	200,000	1,250,000	200,000	200,000	200,000	200,000	200,000
Septic System Disconnection	750,000	200,000	300,000	50,000	50,000	50,000	50,000	50,000
Stormwater Pollution Prevention	2,081,395	1,181,395	150,000	150,000	150,000	150,000	150,000	150,000
Sunnyview Stream Restoration	5,192,220	4,692,220	500,000	0	0	0	0	0
Watershed Restoration Assessment	16,500,000	6,500,000	2,000,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
Watershed Restoration Improvements	9,000,000	3,450,000	2,800,000	550,000	550,000	550,000	550,000	550,000
Watershed Restoration Maintenance	1,060,000	460,000	100,000	100,000	100,000	100,000	100,000	100,000
Wheel Creek Watershed Restoration	7,189,607	6,989,607	200,000	0	0	0	0	0
Outyear Projects								
Joppatowne Area Watershed Restoration	8,550,000	5,800,000	0	550,000	550,000	550,000	550,000	550,000
Plumtree Run Watershed Restoration	12,143,452	7,643,452	0	900,000	900,000	900,000	900,000	900,000
Riverside Area Watershed Restoration	7,960,886	3,585,886	0	875,000	875,000	875,000	875,000	875,000
Sams Branch Watershed Restoration	5,772,922	3,772,922	0	400,000	400,000	400,000	400,000	400,000
Upper Bynum Run Watershed Restoration Improvements	12,000,000	2,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Open Projects								
Lilly Run Watershed Restoration	725,000	725,000	0	0	0	0	0	0
Stormwater Enhancement	900,000	900,000	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Watershed Management Total by Project	132,952,508	64,602,508	11,350,000	11,200,000	11,300,000	11,400,000	11,500,000	11,600,000
Paygo - Special Dedicated Paygo	7,373,857	4,462,818	661,039	450,000	450,000	450,000	450,000	450,000
Prior Bonds	29,650,000	29,650,000	0	0	0	0	0	0
Future Bonds	41,400,000	0	6,650,000	6,750,000	6,850,000	6,950,000	7,050,000	7,150,000
Reappropriated	2,063,651	2,024,690	38,961	0	0	0	0	0
Recordation Tax	200,000	200,000	0	0	0	0	0	0
State	44,657,016	21,257,016	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000
Federal	4,097,984	3,497,984	100,000	100,000	100,000	100,000	100,000	100,000
Developer/Other	3,510,000	3,510,000	0	0	0	0	0	0
Watershed Management Total by Fund	132,952,508	64,602,508	11,350,000	11,200,000	11,300,000	11,400,000	11,500,000	11,600,000

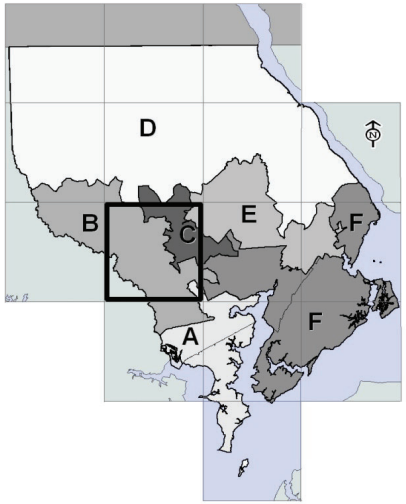
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
				FY 21 APPROVED CAPITAL BUDGET										
GENERAL FUND														
WATERSHED MANAGEMENT														
Bynum Run @ ST. Andrews Way Stream Restoration	(700,000)	(38,961)	0	(661,039)	0	0	0	0	0	0	0	0	0	0
County Owned Stormwater Mgt Rehabilitation and Repair	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	0
County Owned Watershed Restoration Improvements	4,600,000	0	0	0	3,400,000	0	0	0	0	0	1,200,000	0	0	0
Maintenance/Repair of Dams*	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0	0
Middle Bynum Run Watershed Restoration Improvements	1,250,000	0	0	200,000	50,000		0	0	0	0	1,000,000	0	0	0
Septic System Disconnection*	300,000	0	300,000	0	0	0	0	0	0	0	0	0	0	0
Stormwater Pollution Prevention*	150,000	0	150,000	0	0	0	0	0	0	0	0	0	0	0
Sunnyview Stream Restoration	500,000	38,961	0	461,039	0	0	0	0	0	0	0	0	0	0
Watershed Restoration Assessment	2,000,000	0	0	0	1,000,000	0	0	0	0	0	900,000	0	100,000	0
Watershed Restoration Improvements	2,800,000	0	0	0	2,000,000	0	0	0	0	0	800,000	0	0	0
Watershed Restoration Maintenance*	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	0
Wheel Creek Watershed Restoration	200,000	0	0	0	200,000	0	0	0	0	0	0	0	0	0
**Special Dedicated Paygo*														
SUB-TOTAL WATERSHED MANAGEMENT	11,350,000	0	700,000	0	6,650,000	0	0	0	0	0	3,900,000	0	100,000	0

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 through FY2021.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	145,000		145,000						145,000
Land Acquisition			0						0
Construction	2,497,026	(700,000)	1,797,026						1,797,026
Inspection Fees	355,000		355,000						355,000
Equipment/Furnishing			0						0
Total Cost	2,997,026	(700,000)	2,297,026	0	0	0	0	0	2,297,026
FUNDING SCHEDULE									
R8750 Paygo	310,000		310,000						310,000
R3199 Federal Other	1,030,000		1,030,000						1,030,000
R8089 Reappropriated Paygo	57,026		57,026						57,026
R7100 Prior Bonds	1,000,000	(700,000)	300,000						300,000
R3320 State DNR/SWM	600,000		600,000						600,000
Total Funds	2,997,026	(700,000)	2,297,026	0	0	0	0	0	2,297,026

Est. Annual Debt Service Cost
$8,370

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,839,630
Encumbered	0
Total	$1,839,630

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	250,000	85,000	335,000	85,000	85,000	85,000	85,000	85,000	760,000
Inspection Fees		15,000	15,000	15,000	15,000	15,000	15,000	15,000	90,000
Equipment/Furnishing			0						0
Total Cost	250,000	100,000	350,000	100,000	100,000	100,000	100,000	100,000	850,000
FUNDING SCHEDULE									
R8750 Special Dedicated Paygo	250,000	100,000	350,000	100,000	100,000	100,000	100,000	100,000	850,000
									0
Total Funds	250,000	100,000	350,000	100,000	100,000	100,000	100,000	100,000	850,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

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:

Homestead Elementary Stormwater Retrofit (Construction complete)
Church Creek ES SWM Retrofit and Stream Restoration (Design complete)
Annie's Playground Stream Restoration (Construction complete)
Heavenly Wetland and Stream Creation (Design 100% complete)
Magnolia Middle Stream Restoration (Construction awared, start summer 2020)
Jarrettsville Elementary SWM Retrofit (planning)
C Milton Wright SWM Retrofit and Stream Restoratin (Design 20% complete)
Jarrettsville Highway Shop SWM Retrofit (planning)
Mt. Royal Maintenance (design 75% complete)

Courthouse Retrofit (Construction spring 2020)
Fallston Firehouse (Design 30% complete)
Fallston Library (Design 30% complete)
Fallston High & Middle (Design 10% complete)

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	2,510,000	1,150,000	3,660,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	9,410,000
Land Acquisition			0						0
Construction	6,975,000	2,760,000	9,735,000	1,835,000	1,935,000	2,035,000	2,135,000	2,235,000	19,910,000
Inspection Fees	1,315,000	690,000	2,005,000	690,000	690,000	690,000	690,000	690,000	5,455,000
Equipment/Furnishing			0						0
Total Cost	10,800,000	4,600,000	15,400,000	3,675,000	3,775,000	3,875,000	3,975,000	4,075,000	34,775,000
FUNDING SCHEDULE									
R7100 Prior Bonds	6,550,000		6,550,000						6,550,000
R3320 State DNR/SWM	3,950,000	1,200,000	5,150,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	11,275,000
R3199 Federal Other	300,000		300,000						300,000
R7000 Future Bonds		3,400,000	3,400,000	2,450,000	2,550,000	2,650,000	2,750,000	2,850,000	16,650,000
Total Funds	10,800,000	4,600,000	15,400,000	3,675,000	3,775,000	3,875,000	3,975,000	4,075,000	34,775,000

Est. Annual Debt Service Cost
$277,605

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	3,656,339
Encumbered	1,164,771
Total	$4,821,110

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 Servene, 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	2,455,000	50,000	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	2,455,000	50,000	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	250,000	50,000	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	2,455,000	50,000	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 3/1/20:

Expended	526,754
Encumbered	0
Total	$526,754

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:

Prior Bonds reallocated from Bynum Run at St. Andrews Way Project A114105.

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	200,000	375,000	575,000	60,000	60,000	60,000	60,000	60,000	875,000
Land Acquisition			0						0
Construction		687,500	687,500	110,000	110,000	110,000	110,000	110,000	1,237,500
Inspection Fees		187,500	187,500	30,000	30,000	30,000	30,000	30,000	337,500
Equipment/Furnishing			0						0
Total Cost	200,000	1,250,000	1,450,000	200,000	200,000	200,000	200,000	200,000	2,450,000
FUNDING SCHEDULE									
R3320 State DNR/SWM		1,000,000	1,000,000						1,000,000
R7100 Prior Bonds	200,000	200,000	400,000						400,000
R7000 Future Bonds		50,000	50,000	200,000	200,000	200,000	200,000	200,000	1,050,000
Total Funds	200,000	1,250,000	1,450,000	200,000	200,000	200,000	200,000	200,000	2,450,000

Est. Annual Debt Service Cost
$12,555

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	$0

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:

Trimble Road (2019)
Freys Road (2020)
Bagley (2020)
Magnolia (2021)
Woodridge (2021)

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	200,000	300,000	500,000	50,000	50,000	50,000	50,000	50,000	750,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	300,000	500,000	50,000	50,000	50,000	50,000	50,000	750,000
FUNDING SCHEDULE									
R8750 Special Dedicated Paygo	200,000	300,000	500,000	50,000	50,000	50,000	50,000	50,000	750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	300,000	500,000	50,000	50,000	50,000	50,000	50,000	750,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	67,987
Encumbered	20,963
Total	$88,950

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	1,026,395	150,000	1,176,395	150,000	150,000	150,000	150,000	150,000	1,926,395
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	1,181,395	150,000	1,331,395	150,000	150,000	150,000	150,000	150,000	2,081,395
FUNDING SCHEDULE									
R8750 Paygo	300,000		300,000						300,000
R1515 Recordation Tax	140,000		140,000						140,000
R3320 State DNR/SWM	50,000		50,000						50,000
R8089 Reappropriated Paygo	141,395		141,395						141,395
R8750 Special Dedicated Paygo	550,000	150,000	700,000	150,000	150,000	150,000	150,000	150,000	1,450,000
			0						0
Total Funds	1,181,395	150,000	1,331,395	150,000	150,000	150,000	150,000	150,000	2,081,395

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

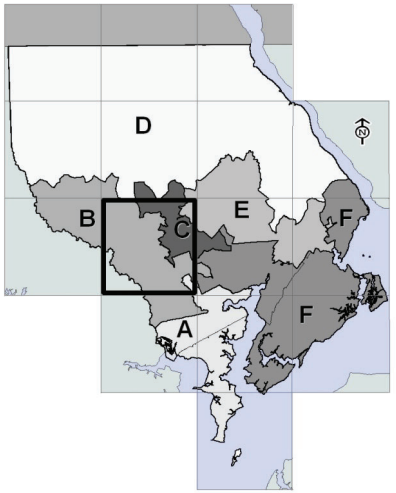
Expended	799,900
Encumbered	206,993
Total	$1,006,893

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 (75% complete)

PROJECT STATUS:

Prior Bonds reallocated from Bynum Run at St. Andrews Way Project A114105.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	810,000		810,000						810,000
Land Acquisition	845,000		845,000						845,000
Construction	2,637,220	300,000	2,937,220						2,937,220
Inspection Fees	400,000	200,000	600,000						600,000
Equipment/Furnishing			0						0
Total Cost	4,692,220	500,000	5,192,220	0	0	0	0	0	5,192,220
FUNDING SCHEDULE									
R7100 Prior Bonds	2,200,000	500,000	2,700,000						2,700,000
R3320 State DNR/SWM	2,225,000		2,225,000						2,225,000
R8089 Reappropriated Paygo	267,220		267,220						267,220
			0						0
Total Funds	4,692,220	500,000	5,192,220	0	0	0	0	0	5,192,220

Est. Annual Debt Service Cost
$75,330

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	360,656
Encumbered	164,433
Total	$525,089

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:

Chemical Monitoring - Plumtree Run, Foster Branch
Flow Monitoring - Plumtree, Foster Branch, Bynum Run, Swan Creek, James Run
Biological Monitoring - Plumtree Run, Foster Branch
Rain gauges - Norrisville, Whiteford, Otter Point Creek, Churchville

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 21 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	6,500,000	600,000	7,100,000	480,000	480,000	480,000	480,000	480,000	9,500,000
Land Acquisition			0						0
Construction		1,200,000	1,200,000	960,000	960,000	960,000	960,000	960,000	6,000,000
Inspection Fees		200,000	200,000	160,000	160,000	160,000	160,000	160,000	1,000,000
Equipment/Furnishing			0						0
Total Cost	6,500,000	2,000,000	8,500,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	16,500,000
FUNDING SCHEDULE									
R7100 Prior Bonds	5,050,000		5,050,000						5,050,000
R3320 State DNR/SWM	1,025,000	900,000	1,925,000	300,000	300,000	300,000	300,000	300,000	3,425,000
R3199 Federal Other	425,000	100,000	525,000	100,000	100,000	100,000	100,000	100,000	1,025,000
R7000 Future Bonds		1,000,000	1,000,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,000,000
Total Funds	6,500,000	2,000,000	8,500,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	16,500,000

Est. Annual Debt Service Cost
$168,795

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	3,458,503
Encumbered	748,782
Total	$4,207,285

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)

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	545,000	840,000	1,385,000	125,000	125,000	125,000	125,000	125,000	2,010,000
Land Acquisition			0						0
Construction	2,460,000	1,680,000	4,140,000	350,000	350,000	350,000	350,000	350,000	5,890,000
Inspection Fees	445,000	280,000	725,000	75,000	75,000	75,000	75,000	75,000	1,100,000
Equipment/Furnishing			0						0
Total Cost	3,450,000	2,800,000	6,250,000	550,000	550,000	550,000	550,000	550,000	9,000,000
FUNDING SCHEDULE									
R7100 Prior Bonds	1,650,000		1,650,000						1,650,000
R7000 Future Bonds		2,000,000	2,000,000	400,000	400,000	400,000	400,000	400,000	4,000,000
R3320 State DNR/SWM	1,525,000	800,000	2,325,000	150,000	150,000	150,000	150,000	150,000	3,075,000
R3199 Federal Other	275,000		275,000						275,000
			0						0
			0						0
Total Funds	3,450,000	2,800,000	6,250,000	550,000	550,000	550,000	550,000	550,000	9,000,000

Est. Annual Debt Service Cost
$101,835

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	476,371
Encumbered	186,329
Total	$662,700

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:

Routine Maintenance -

Abingdon Library
Hickory Elementary
Forest Hill Elementary
Laurel Valley Community
Mt. Royal
Lower Wheel Creek
Norrisville Elmentary
Harford Center
Homestead Elementary

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			0						0
Land Acquisition			0						0
Construction	460,000	100,000	560,000	100,000	100,000	100,000	100,000	100,000	1,060,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	460,000	100,000	560,000	100,000	100,000	100,000	100,000	100,000	1,060,000
FUNDING SCHEDULE									
R8750 Special Dedicated Paygo	300,000	100,000	400,000	100,000	100,000	100,000	100,000	100,000	900,000
R7100 Prior Bonds	160,000		160,000						160,000
									0
Total Funds	460,000	100,000	560,000	100,000	100,000	100,000	100,000	100,000	1,060,000

Est. Annual Debt Service Cost
$4,464

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

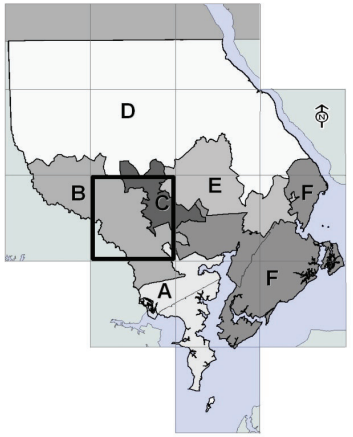
Expended	131,037
Encumbered	55,687
Total	$186,724

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.
Funding through FY2021 covers post construction monitoring

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	2,559,607		2,559,607						2,559,607
Land Acquisition			0						0
Construction	3,715,000		3,715,000						3,715,000
Inspection Fees	715,000	20,000	735,000						735,000
Equipment/Furnishing		180,000	180,000						180,000
Total Cost	6,989,607	200,000	7,189,607	0	0	0	0	0	7,189,607
FUNDING SCHEDULE									
R8750 Paygo	1,267,818		1,267,818						1,267,818
R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
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
R8089 Reappropriated Paygo	721,789		721,789						721,789
R6999 Other	65,400		65,400						65,400
R7000 Future Bonds		200,000	200,000						200,000
Total Funds	6,989,607	200,000	7,189,607	0	0	0	0	0	7,189,607

Est. Annual Debt Service Cost
$46,035

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	5,885,558
Encumbered	129,516
Total	$6,015,074

OUTYEAR PROJECTS

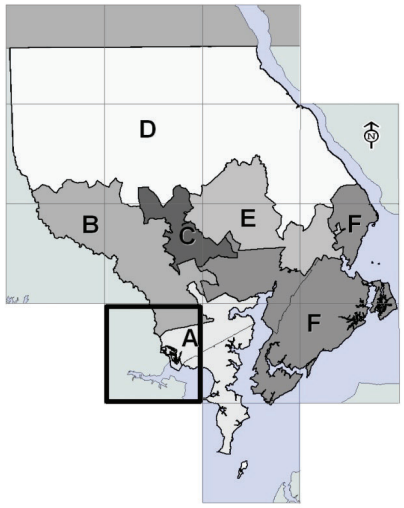
FY 22 - FY 26

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 (Design 100% complete, 2 easements needed).

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	1,990,000		1,990,000	165,000	165,000	165,000	165,000	165,000	2,815,000
Land Acquisition			0						0
Construction	3,375,000		3,375,000	302,500	302,500	302,500	302,500	302,500	4,887,500
Inspection Fees	435,000		435,000	82,500	82,500	82,500	82,500	82,500	847,500
Equipment/Furnishing			0						0
Total Cost	5,800,000	0	5,800,000	550,000	550,000	550,000	550,000	550,000	8,550,000
FUNDING SCHEDULE									
R8750 Paygo	300,000		300,000						300,000
R7100 Prior Bonds	2,950,000		2,950,000						2,950,000
R3320 State DNR/SWM	2,150,000		2,150,000	150,000	150,000	150,000	150,000	150,000	2,900,000
R3199 Federal Other	175,000		175,000						175,000
R8089 Reappropriated Paygo	225,000		225,000						225,000
R7000 Future Bonds			0	400,000	400,000	400,000	400,000	400,000	2,000,000
Total Funds	5,800,000	0	5,800,000	550,000	550,000	550,000	550,000	550,000	8,550,000

OPERATING BUDGET IMPACT:

$82,305

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

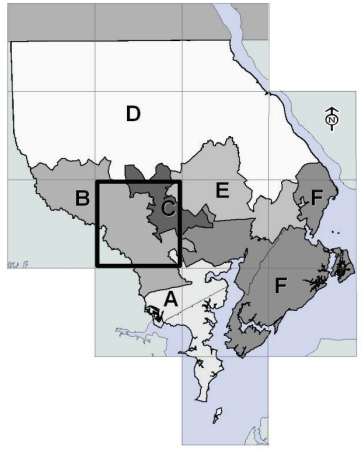
Expended	1,796,914
Encumbered	14,200
Total	$1,811,114

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:

Plumtree Run at Barrington Stream Restoration (Under construction)

Wakefield Stream Restoration (Construction complete, November 2019)

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	1,193,452		1,193,452	270,000	270,000	270,000	270,000	270,000	2,543,452
Land Acquisition			0						0
Construction	5,450,000		5,450,000	495,000	495,000	495,000	495,000	495,000	7,925,000
Inspection Fees	1,000,000		1,000,000	135,000	135,000	135,000	135,000	135,000	1,675,000
Equipment/Furnishing			0						0
Total Cost	7,643,452	0	7,643,452	900,000	900,000	900,000	900,000	900,000	12,143,452
FUNDING SCHEDULE									
R8750 Paygo	75,000		75,000						75,000
R3320 State DNR/SWM	2,050,000		2,050,000	500,000	500,000	500,000	500,000	500,000	4,550,000
R3199 Federal Other	525,000		525,000						525,000
R7100 Prior Bonds	4,650,000		4,650,000						4,650,000
R8089 Reappropriated Paygo	343,452		343,452						343,452
R7000 Future Bonds			0	400,000	400,000	400,000	400,000	400,000	2,000,000
Total Funds	7,643,452	0	7,643,452	900,000	900,000	900,000	900,000	900,000	12,143,452

Est. Annual Debt Service Cost
$129,735

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20

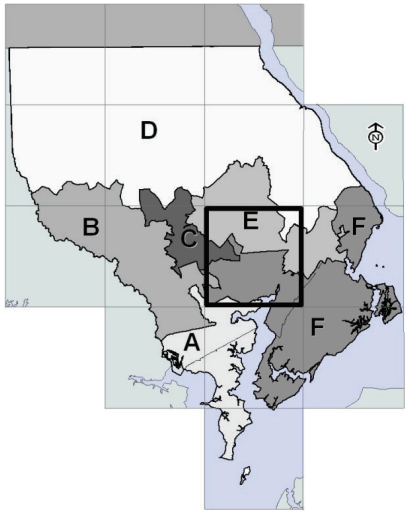
Expended	3,328,977
Encumbered	1,936,968
Total	$5,265,945

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 75% complete)

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	860,886		860,886	150,000	150,000	150,000	150,000	150,000	1,610,886
Land Acquisition			0						0
Construction	2,400,000		2,400,000	600,000	600,000	600,000	600,000	600,000	5,400,000
Inspection Fees	325,000		325,000	125,000	125,000	125,000	125,000	125,000	950,000
Equipment/Furnishing			0						0
Total Cost	3,585,886	0	3,585,886	875,000	875,000	875,000	875,000	875,000	7,960,886
FUNDING SCHEDULE									
R3320 State DNR/SWM	1,575,000		1,575,000	475,000	475,000	475,000	475,000	475,000	3,950,000
R3199 Federal Other	75,000		75,000						75,000
R7100 Prior Bonds	1,720,000		1,720,000						1,720,000
R8089 Reappropriated Paygo	215,886		215,886						215,886
R7000 Future Bonds			0	400,000	400,000	400,000	400,000	400,000	2,000,000
Total Funds	3,585,886	0	3,585,886	875,000	875,000	875,000	875,000	875,000	7,960,886

Est. Annual Debt Service Cost
$47,988

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

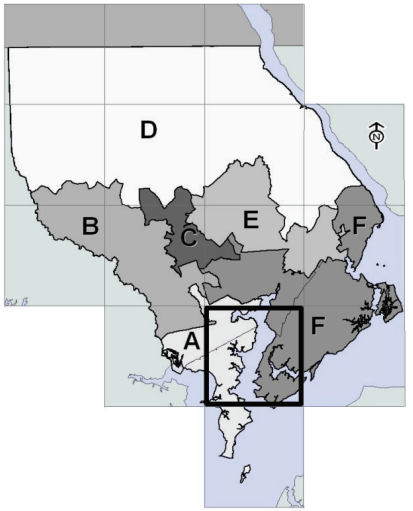
Expended	226,689
Encumbered	52,680
Total	$279,369

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 (Under construction)

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	1,422,922		1,422,922	100,000	100,000	100,000	100,000	100,000	1,922,922
Land Acquisition	0		0						0
Construction	2,075,000		2,075,000	250,000	250,000	250,000	250,000	250,000	3,325,000
Inspection Fees	275,000		275,000	50,000	50,000	50,000	50,000	50,000	525,000
Equipment/Furnishing	0		0						0
Total Cost	3,772,922	0	3,772,922	400,000	400,000	400,000	400,000	400,000	5,772,922
FUNDING SCHEDULE									
R8750 Paygo	350,000		350,000						350,000
R7100 Prior Bonds	870,000		870,000						870,000
R3320 State DNR/SWM	2,350,000		2,350,000	100,000	100,000	100,000	100,000	100,000	2,850,000
R3199 Federal Other	150,000		150,000						150,000
R8089 Reappropriated Paygo	52,922		52,922						52,922
R7000 Future Bonds			0	300,000	300,000	300,000	300,000	300,000	1,500,000
Total Funds	3,772,922	0	3,772,922	400,000	400,000	400,000	400,000	400,000	5,772,922

Est. Annual Debt Service Cost
$24,273

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,217,565
Encumbered	648,664
Total	$1,866,229

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 Jarresttville 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 30% complete)
Spenceola Stormwater Retrofit (Design 30% complete)
Gavigans Stormwater Retrofit (Design 30% complete)

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	850,000		850,000	500,000	500,000	500,000	500,000	500,000	3,350,000
Land Acquisition			0						0
Construction	850,000		850,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,850,000
Inspection Fees	300,000		300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Equipment/Furnishing			0						0
Total Cost	2,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000
FUNDING SCHEDULE									
R3320 State DNR/SWM	800,000		800,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,800,000
R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R7000 Future Bonds			0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Total Funds	2,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000

Est. Annual Debt Service Cost
$33,480

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	85,299
Encumbered	151,505
Total	$236,804

OPEN/ACTIVE PROJECTS

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/20:

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/20:

Expended	690,356
Encumbered	0
Total	$690,356

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
GENERAL FUND								
PUBLIC SAFETY								
FY 21 Funded Projects:								
Aberdeen VFC Main Station Renovation	1,500,000	1,000,000	500,000	0	0	0	0	0
EMS Station	0	1,500,000	(1,500,000)	0	0	0	0	0
HCSO Computer Equipment Networks	3,020,415	2,241,742	778,673	0	0	0	0	0
HCSO Mobile Data Terminal Replacement	551,400	0	551,400	0	0	0	0	0
Mobile/Portable Radio System Upgrade	5,265,000	2,150,000	3,115,000	0	0	0	0	0
Next-Gen 911	6,735,000	5,150,000	1,585,000	0	0	0	0	0
North County EMS Station	2,700,000	0	2,700,000	0	0	0	0	0
Riverside Fire and EMS Station	3,800,000	0	3,800,000	0	0	0	0	0
VFC Facility Repair	5,110,000	2,360,000	750,000	400,000	400,000	400,000	400,000	400,000
VFC Public Safety Equipment	4,000,000	1,350,000	775,000	375,000	375,000	375,000	375,000	375,000
Open Projects								
Emergency Operations Center Complex	37,494,525	37,494,525	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
TRT Equipment	160,000	160,000	0	0	0	0	0	0
Whiteford VFC - Renovation of Main Station	1,200,000	1,200,000	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
Sheriff/Emergency/Fire Total by Project	75,326,340	58,396,267	13,055,073	775,000	775,000	775,000	775,000	775,000
Paygo	18,806,323	10,241,250	4,690,073	775,000	775,000	775,000	775,000	775,000
Future Bonds	8,115,000	0	8,115,000	0	0	0	0	0
Prior Bonds	37,961,500	37,961,500	0	0	0	0	0	0
Reappropriated	362,500	362,500	0	0	0	0	0	0
State	7,098,000	6,848,000	250,000	0	0	0	0	0
Federal	2,202,000	2,202,000	0	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0
Lease Purchase	481,017	481,017	0	0	0	0	0	0
Sheriff / Emergency / Fire Total by Fund	75,326,340	58,396,267	13,055,073	775,000	775,000	775,000	775,000	775,000

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
GENERAL FUND														
PUBLIC SAFETY														
Aberdeen VFC Main Station Renovation	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	0
EMS Station	(1,500,000)	0	0	(1,500,000)	0	0	0	0	0	0	0	0	0	0
HCSO Computer Equipment/Networks	778,673	0	778,673	0	0		0	0	0	0	0	0	0	0
HCSO Mobile Data Terminal Replacement	551,400	0	551,400	0	0	0	0	0	0	0	0	0	0	0
Mobile/Portable Radio System Upgrade	3,115,000	0	0	0	3,115,000	0	0	0	0	0	0	0	0	0
Next-Gen 911	1,585,000	0	1,335,000	0	0	0	0	0	0	0	250,000	0	0	0
North County EMS Station	2,700,000	0	0	0	2,700,000	0	0	0	0	0	0	0	0	0
Riverside Fire and EMS Station	3,800,000	0	0	1,500,000	2,300,000	0	0	0	0	0	0	0	0	0
VFC Facility Repair	750,000	0	750,000	0	0	0	0	0	0	0	0	0	0	0
VFC Public Safety Equipment	775,000	0	775,000	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL PUBLIC SAFETY	13,055,073	0	4,690,073	0	8,115,000	0	0	0	0	0	250,000	0	0	0

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,000,000	500,000	1,500,000						1,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,000,000	500,000	1,500,000	0	0	0	0	0	1,500,000
FUNDING SCHEDULE									
R8750 Paygo	1,000,000	500,000	1,500,000						1,500,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,000,000	500,000	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 3/1/20:

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

PROJECT: EMS Station **EMERGENCY SERVICES**

COUNCIL DISTRICT: F **LOCATION: Creswell** **E204106**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to construct a building that will store EMS response vehicles and includes bathrooms, DECON area, bunk room, a day room and a work area. The project includes architectural / engineering work, site work, electric, plumbing, and water and sewer.

PROJECT SCHEDULE:

FY 20 - Engineering and Design
FY 21 - Construction

PROJECT STATUS:

Reallocating $1,500,000 in prior bonds to new Riverside Fire and EMS Station capital project

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	200,000	(200,000)	0						0
Land Acquisition			0						0
Construction	1,300,000	(1,300,000)	0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,500,000	(1,500,000)	0	0	0	0	0	0	0
FUNDING SCHEDULE									
R7100 Prior Bonds	1,500,000	(1,500,000)	0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,500,000	(1,500,000)	0	0	0	0	0	0	0

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	0
Encumbered	0
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:

Refresh is desperately needed as existing equipment is failing and unable to support some of todays applications. Windows 10 initial imaged build is complete and in testing. Some licenses were puchased with FY19 monies; many more are needed to fully deploy. Office 2016 installs are deployed on those desktops and laptops suitable. Refresh is needed for the remainder. Encryption is completed for primary HCSO sites. Further conversations about ancillary sites are needed.

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,241,742	778,673	3,020,415						3,020,415
Total Cost	2,241,742	778,673	3,020,415	0	0	0	0	0	3,020,415
FUNDING SCHEDULE									
R7160 Lease Purchase	481,017		481,017						481,017
R8770 Reappropriated	362,500		362,500						362,500
R8750 Paygo	1,398,225	778,673	2,176,898						2,176,898
		.	0						0
			0						0
			0						0
Total Funds	2,241,742	778,673	3,020,415	0	0	0	0	0	3,020,415

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	2,236,155
Encumbered	2,847
Total	$2,239,002

PROJECT: Harford County Sheriff's Office Mobile Data Terminal Replacement **SHERIFF'S OFFICE**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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:

New

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		551,400	551,400						551,400
Total Cost	0	551,400	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	0	551,400	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:

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:

Ethernet conversions infrastructure-Motorola will no longer support current connection
Microwave upgrade/replacement
Purchase Key Management Facility (KMF) to manage encryption keys
Replace public safety radios plus $200,000 for anticipated new positions/vehicles

PROJECT STATUS:

Project is on-going

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	2,150,000	3,115,000	5,265,000						5,265,000
Total Cost	2,150,000	3,115,000	5,265,000	0	0	0	0	0	5,265,000
FUNDING SCHEDULE									
R7100 Prior Bonds	2,000,000		2,000,000						2,000,000
R8750 Paygo	150,000		150,000						150,000
R7000 Future Bonds		3,115,000	3,115,000						3,115,000
			0						0
			0						0
			0						0
Total Funds	2,150,000	3,115,000	5,265,000	0	0	0	0	0	5,265,000

Est. Annual Debt Service Cost
$142,709

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	778,708
Encumbered	0
Total	$778,708

PROJECT: Next-Gen 9-1-1 **EMERGENCY SERVICES**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **E204108**

PROJECT DESCRIPTION / JUSTIFICATION:

The current 911 (call taking) system is running on 40 year old technology, and it needs to be upgraded. In addition, our current vendor (Verizon) is exiting the 911 industry in the near future, requiring us to secure a new vendor. This project would allow us to obtain service 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 may provide more of the funding necessary to complete this project than anticipated.

This account also provides appropriation to accept various reimbursements for allowable 911 expenses not necessarily related to Next Gen.

PROJECT SCHEDULE:

FY20: back up center (Manorwood) project-includes 21 desks, generator, UPS, cabling
FY20: 911 phone equipment upgrade - CPE and servers @ Ady Rd. and Manorwood
FY20/FY21: CAD software upgrade
FY20/FY21: ESI Net-special construction and initial set up for fiber diverse @ Manorwood
FY21: CAD hardware
FY21: 2 factor authentication
FY21: Interface development for law enforcement recorder mgmt. system and new CAD
FY21: allowable reimbursements for 911 expenses due to State law changes

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,150,000	1,335,000	6,485,000						6,485,000
Total Cost	5,150,000	1,335,000	6,485,000	0	0	0	0	0	6,485,000
FUNDING SCHEDULE									
R8750 Paygo	600,000	1,335,000	1,935,000						1,935,000
R3399 State Other	4,550,000	250,000	4,800,000						4,800,000
			0						0
			0						0
			0						0
			0						0
Total Funds	5,150,000	1,585,000	6,735,000	0	0	0	0	0	6,735,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

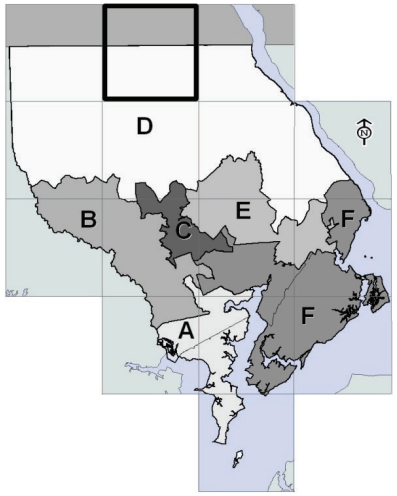
Expended	155,603
Encumbered	489,230
Total	$644,833

PROJECT: North County EMS Station **EMERGENCY SERVICES**

COUNCIL DISTRICT: D **LOCATION: Pylesville** **NEW**

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:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design		200,000	200,000						200,000
Land Acquisition			0						0
Construction		2,300,000	2,300,000						2,300,000
Inspection Fees			0						0
Equipment/Furnishing		200,000	200,000						200,000
Total Cost	0	2,700,000	2,700,000	0	0	0	0	0	2,700,000
FUNDING SCHEDULE									
R7000 Future Bonds		2,700,000	2,700,000						2,700,000
R8750 Paygo			0						0
R6340 Corporate/Business			0						0
R3399 State Other			0						0
R3199 Federal Other			0						0
Total Funds	0	2,700,000	2,700,000	0	0	0	0	0	2,700,000

Est. Annual Debt Service Cost
$75,330

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity

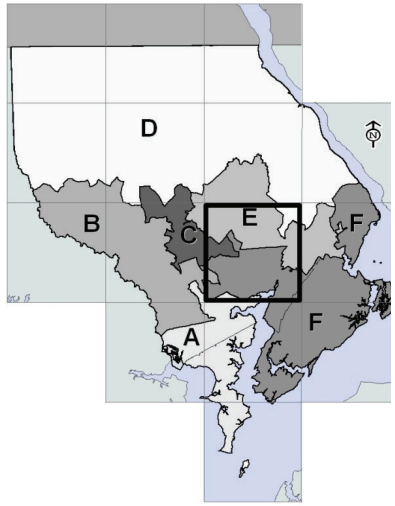
Expended	
Encumbered	
Total	$0

PROJECT: Riverside Fire and EMS Station **EMERGENCY SERVICES**

COUNCIL DISTRICT: F **LOCATION: Belcamp** **NEW**

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:

FY21: complete design and begin construction
FY22: complete construction

PROJECT STATUS:

FY 21 $1,500,000 in prior bonds is reallocated from E204106 EMS Station to this project

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	0	3,800,000	3,800,000	0	0	0	0	0	3,800,000
FUNDING SCHEDULE									
R7100 Prior Bonds		1,500,000	1,500,000						1,500,000
R8750 Paygo			0						0
R7000 Future Bonds		2,300,000	2,300,000						2,300,000
R3399 State Other			0						0
R3199 Federal Other			0						0
Total Funds	0	3,800,000	3,800,000	0	0	0	0	0	3,800,000

Est. Annual Debt Service Cost
$106,020

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity

Expended	
Encumbered	
Total	$0

PROJECT: VFC Facility Repair **VOLUNTEER FIRE COMPANIES**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **E154104**

PROJECT DESCRIPTION / JUSTIFICATION:

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

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			0						0
Land Acquisition			0						0
Construction	2,360,000	750,000	3,110,000	400,000	400,000	400,000	400,000	400,000	5,110,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,360,000	750,000	3,110,000	400,000	400,000	400,000	400,000	400,000	5,110,000
FUNDING SCHEDULE									
R8750 Paygo	2,360,000	750,000	3,110,000	400,000	400,000	400,000	400,000	400,000	5,110,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	2,360,000	750,000	3,110,000	400,000	400,000	400,000	400,000	400,000	5,110,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	2,226,471
Encumbered	0
Total	$2,226,471

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 Safety Equipment. Self-contained breathing apparatus (SCBA's), which allow responders to access hazardous and smoke filled atmospheres , has a NFPA Standard shelf life and must be replaced upon expiration. Electronic monitor defibrillators are another example of costly safety equipment that have to be replaced upon aging. $375,000 of the annual allocation allows for a bulk purchase of SCBA's every 3 years (VFC's contribute 25%) and allows for the replacement of electronic monitor defibrillators when needed. Other costly safety equipment, which has reached end of life, could also be purchased with this funding. $400,000 is added to the FY21 allocation for the purchase of a county-wide Knox box (secure key) system.

PROJECT SCHEDULE:

FY 20: replace oldest electronic monitor defibrillators
FY21: purchase of county-wide Knox box system
FY22: bulk purchase of SCBA Equipment
FY25: bulk purchase of SCBA Equipment
FY 21-FY 25: replace electronic monitor defibrillators 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,350,000	775,000	2,125,000	375,000	375,000	375,000	375,000	375,000	4,000,000
Total Cost	1,350,000	775,000	2,125,000	375,000	375,000	375,000	375,000	375,000	4,000,000
FUNDING SCHEDULE									
R8750 Paygo	1,100,000	775,000	1,875,000	375,000	375,000	375,000	375,000	375,000	3,750,000
R6999 Other	250,000		250,000						250,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,350,000	775,000	2,125,000	375,000	375,000	375,000	375,000	375,000	4,000,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	790,728
Encumbered	0
Total	$790,728

OPEN/ACTIVE PROJECTS

PROJECT: Emergency Operations Center Complex

EMERGENCY SERVICES

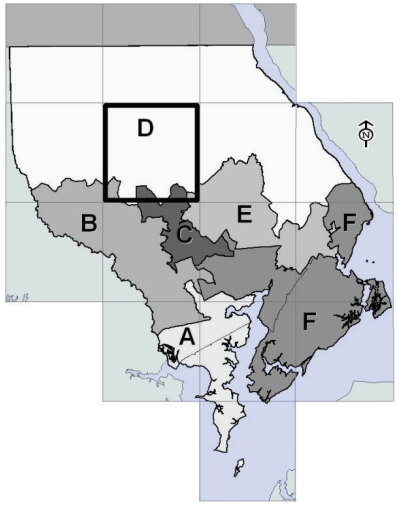
COUNCIL DISTRICT: D

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$911,256

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

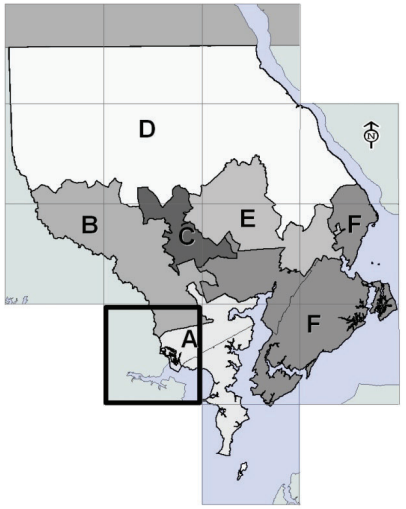
Expended	34,691,813
Encumbered	2,952
Total	$34,694,765

PROJECT: Joppa Magnolia Fire Station Expansion **VOLUNTEER FIRE COMPANIES**

COUNCIL DISTRICT: B **LOCATION: Joppa** **E144105**

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/20:

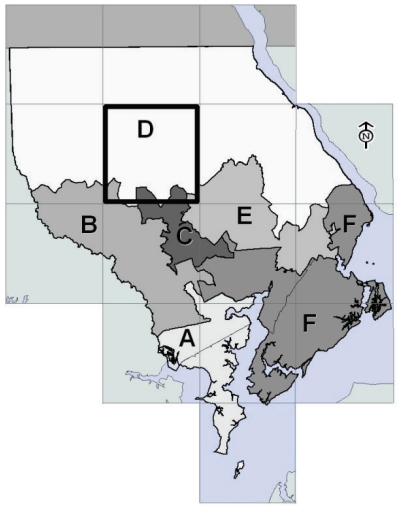
Expended	1,240,000
Encumbered	0
Total	$1,240,000

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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
$50,220

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	$0

PROJECT: Public Safety Communication in School Buildings **EMERGENCY SERVICES**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **E134108**

PROJECT DESCRIPTION / JUSTIFICATION:

School Resource Officers (SRO's) have discovered many areas within the middle and high schools that have poor radio coverage. This project allows us to purchase and install bi-directional amplifiers (BDA's) in the schools that will greatly improve radio coverage for public safety personnel. Each BDA costs approximately $43,000. Currently BDA's have been installed in all existing county high schools and middle schools. The final installation will be in the new Havre de Grace High school in FY20.

PROJECT SCHEDULE:

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 2025	
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 3/1/20:

Expended	571,431
Encumbered	73,583
Total	$645,014

PROJECT: TRT Equipment **EMERGENCY SERVICES**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **E144135**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	160,000		160,000						160,000
Total Cost	160,000	0	160,000	0	0	0	0	0	160,000
FUNDING SCHEDULE									
R8750 Paygo	160,000		160,000						160,000
R6340 Corporate/Business			0						0
R3399 State Other			0						0
R3199 Federal Other			0						0
Total Funds	160,000	0	160,000	0	0	0	0	0	160,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

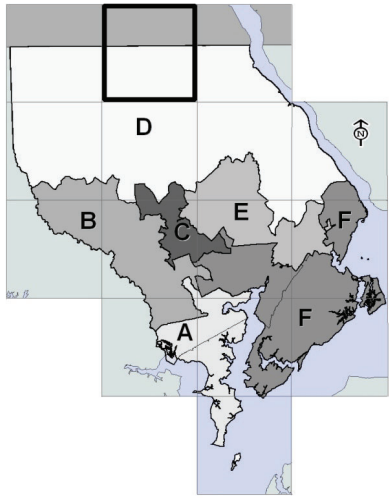
Expended	90,513
Encumbered	0
Total	$90,513

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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
			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 3/1/20:

Expended	350,000
Encumbered	0
Total	$350,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
GENERAL FUND								
HARFORD COMMUNITY COLLEGE								
FY 21 Funded Projects:								
Chesapeake Welcome Center	34,672,700	2,490,425	1,400,000	19,725,275	11,057,000	0	0	0
Open Projects								
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	50,229,650	18,047,375	1,400,000	19,725,275	11,057,000	0	0	0
Future Bonds	15,152,575	0	1,400,000	13,752,575	0	0	0	0
Prior Bonds	8,276,575	8,276,575	0	0	0	0	0	0
Reappropriated	0	0	0	0	0	0	0	0
State	25,427,800	9,770,800	0	4,600,000	11,057,000	0	0	0
Other	1,372,700	0	0	1,372,700	0	0	0	0
College Total by Fund	50,229,650	18,047,375	1,400,000	19,725,275	11,057,000	0	0	0

FY 21 APPROVED CAPITAL BUDGET

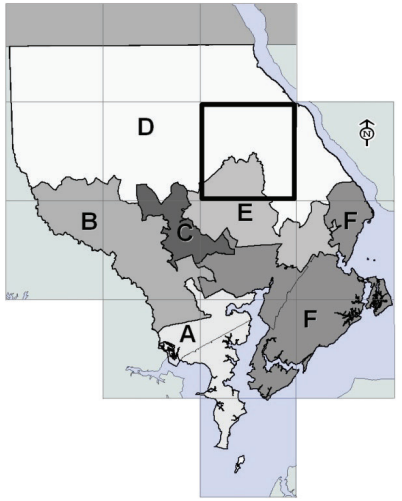
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
GENERAL FUND														
HARFORD COMMUNITY COLLEGE														
Chesapeake Welcome Center	1,400,000	0	0	0	1,400,000		0	0	0	0	0	0	0	0
SUB-TOTAL HARFORD COMMUNITY COLLEGE	1,400,000	0	0	0	1,400,000	0	0	0	0	0	0	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:

County	16,500,000
State	16,800,000
HCC	1,372,700

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	2,490,425	1,400,000	3,890,425	590,700	100,000				4,581,125
Land Acquisition			0						0
Construction			0	19,134,575	8,754,000				27,888,575
Inspection Fees			0						0
Equipment/Furnishing			0		2,203,000				2,203,000
Total Cost	2,490,425	1,400,000	3,890,425	19,725,275	11,057,000	0	0	0	34,672,700
FUNDING SCHEDULE									
R7920 State Bonds	1,143,000		1,143,000	4,600,000	11,057,000				16,800,000
R7000 Future Bonds		1,400,000	1,400,000	13,752,575					15,152,575
R7100 Prior Bonds	1,347,425		1,347,425						1,347,425
R6999 Other HCC			0	1,372,700					1,372,700
			0						0
			0						0
Total Funds	2,490,425	1,400,000	3,890,425	19,725,275	11,057,000	0	0	0	34,672,700

Est. Annual Debt Service Cost
$76,653

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	

OPEN/ACTIVE PROJECTS

PROJECT: Edgewood Hall Renovation & Expansion **HARFORD COMMUNITY COLLEGE**

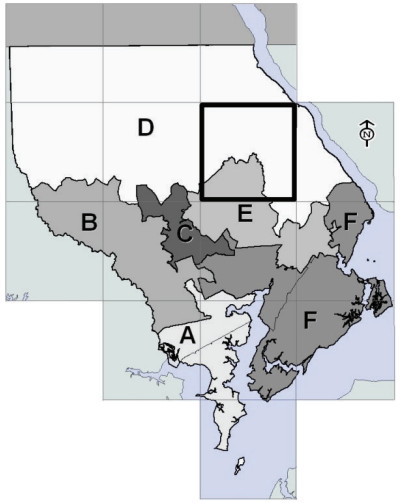
COUNCIL DISTRICT: E **LOCATION: Churchville** **C144106**

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.

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

Per Resolution 002-20 transferred $307,425 to Chesapeake Welcome Center Capital Project



PROJECT SCHEDULE:

FY 14: Design
FY 15: Construction
FY 16: Equipping

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	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
$96,662

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

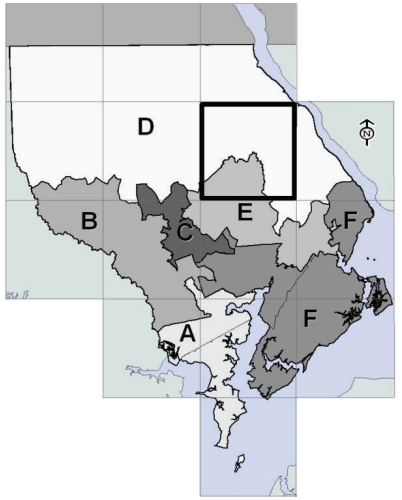
Expended	3,464,575
Encumbered	0
Total	$3,464,575

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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									
R7000 Future Bonds			0						0
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
$96,662

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	3,464,575
Encumbered	0
Total	$3,464,575

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
GENERAL FUND								
LIBRARIES								
FY 21 Funded Projects:								
HCPL Technology	2,859,100	1,209,100	400,000	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	11,935,100	10,285,100	400,000	250,000	250,000	250,000	250,000	250,000
Paygo	2,905,460	1,255,460	400,000	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	9,640	9,640	0	0	0	0	0	0
Developer/Other	900,000	900,000	0	0	0	0	0	0
Libraries Total by Fund	11,935,100	10,285,100	400,000	250,000	250,000	250,000	250,000	250,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
					FY 21 APPROVED CAPITAL BUDGET									
GENERAL FUND														
LIBRARIES														
HCPL Technology	400,000	0	400,000	0	0		0	0	0	0	0	0	0	0
SUB-TOTAL LIBRARIES	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0	0

PROJECT: HCPL Technology **LIBRARIES**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **L124118**

PROJECT DESCRIPTION / JUSTIFICATION:

The FY 2018 budget request and the five year capital program provides for replacing public and staff computers for the branches and the administrative office, primarily on a four-year cycle. Additionally, the Library is requesting network infrastructure replacement and upgrades (i.e. port switches, routers, servers, cabling, storage racks) for Aberdeen in FY 2020 and for Darlington in FY 2021.

PROJECT SCHEDULE:

Ongoing

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	1,209,100	400,000	1,609,100	250,000	250,000	250,000	250,000	250,000	2,859,100
Total Cost	1,209,100	400,000	1,609,100	250,000	250,000	250,000	250,000	250,000	2,859,100
FUNDING SCHEDULE									
R8750 Paygo	1,199,460	400,000	1,599,460	250,000	250,000	250,000	250,000	250,000	2,849,460
R8089 Reappropriated Paygo	9,640		9,640						9,640
			0						0
			0						0
			0						0
			0						0
Total Funds	1,209,100	400,000	1,609,100	250,000	250,000	250,000	250,000	250,000	2,859,100

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	785,131
Encumbered	0
Total	$785,131

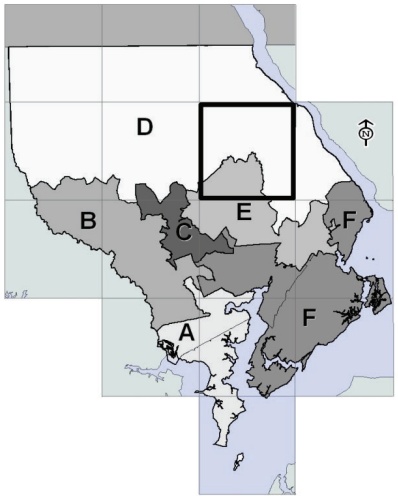
OPEN/ACTIVE PROJECTS

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. The feasibility study will also provide evaluation and assessment to determine if a joint use facility is best suited for this area. A model size facility totaling 15,909 square feet is currently being used as a basis for estimating design and construction costs.



PROJECT SCHEDULE:

FY 2015: Feasibility Study

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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 3/1/20:

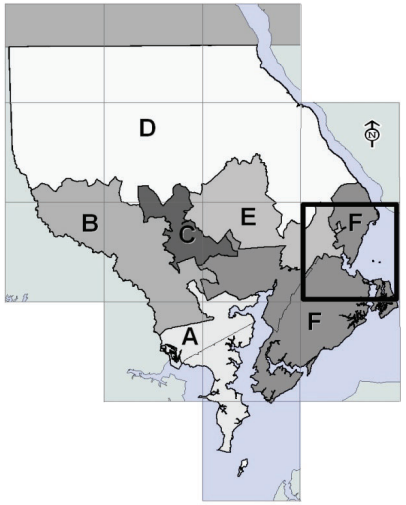
Expended	33,845
Encumbered	0
Total	$33,845

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 suare 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:

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

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	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
$187,488

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	8,528,678
Encumbered	17,590
Total	$8,546,268

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
GENERAL FUND								
BOARD OF EDUCATION								
FY 21 Projects								
ADA Improvements	862,815	900,000	(37,185)	0	0	0	0	0
Athletic and Recreation Repairs and Improvements	473,937	0	473,937	0	0	0	0	0
Athletic Field Repair and Restoration	725,219	787,000	(61,781)	0	0	0	0	0
Backflow Prevention	589,509	600,000	(10,491)	0	0	0	0	0
Darlington ES Comprehensive HVAC Systemic Project	1,947,136	2,052,948	(105,812)	0	0	0	0	0
Educational Facility Program	3,870,671	0	1,945,671	787,000	644,000	494,000	0	0
Energy Efficiency Initiative Projects	4,873,775	4,988,091	(114,316)	0	0	0	0	0
Fallston Chiller Replacement	925,906	1,000,000	(74,094)	0	0	0	0	0
Fire Alarm and ER Communication	1,353,581	1,387,000	(33,419)	0	0	0	0	0
Fleet Replacement	1,558,159	0	1,558,159	0	0	0	0	0
HCPS Facilities Master Plan	670,000	0	670,000	0	0	0	0	0
HCPS Facilities Repair Program	923,665	486,480	437,185	0	0	0	0	0
Integrated Business Systems	392,126	403,000	(10,874)	0	0	0	0	0
Joppatowne HS Limited Renovation Project	44,537,000	13,673,000	9,837,000	21,027,000	0	0	0	0
Life, Health, Safety and Compliance Measures	688,226	0	688,226	0	0	0	0	0
Major HVAC	1,324,990	0	1,324,990	0	0	0	0	0
Major HVAC Repairs	8,783,642	9,805,137	(1,021,495)	0	0	0	0	0
Music Equipment Refresh Program	47,524	50,000	(2,476)	0	0	0	0	0
North Harford MS Domestic Water Improvements	479,223	1,000,000	(520,777)	0	0	0	0	0
North Harford HS Aquaculture Lab and Greenhouse	792,299	830,000	(37,701)	0	0	0	0	0
Replacement Buses	14,265,038	14,281,197	(16,159)	0	0	0	0	0
Riverside ES HVAC Systemic Renovation	8,210,876	8,255,607	(44,731)	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	4,364,278	4,484,000	(119,722)	0	0	0	0	0
Roof Replacement - Bel Air Middle School	7,480,000	0	7,480,000	0	0	0	0	0
Roof Replacement - Hickory Elementary School	4,016,000	1,794,000	2,222,000	0	0	0	0	0
Roof Replacement - North Harford Elementary School	1,013,342	1,064,000	(50,658)	0	0	0	0	0
Special Education Facilities Improvements	643,736	1,042,000	(398,264)	0	0	0	0	0
Swimming Pool Renovations	1,220,844	1,383,000	(162,156)	0	0	0	0	0
Technology Education Lab Refresh	226,648	250,000	(23,352)	0	0	0	0	0
Technology Infrastructure	4,848,231	5,258,217	(409,986)	0	0	0	0	0
Technology Infrastructure	1,420,860	0	1,420,860	0	0	0	0	0
Textbook/Supplemental Materials Refresh	4,909,421	5,300,000	(390,579)	0	0	0	0	0
Open Projects								
Aberdeen HS North Building	665,000	665,000	0	0	0	0	0	0
Bel Air ES HVAC Systemic Renovation & Open Space Encl.	7,644,000	7,644,000	0	0	0	0	0	0
Center for Educational Opportunity - HVAC	4,625,000	4,625,000	0	0	0	0	0	0
Fallston HS 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 MS/HS Replacement	99,268,000	99,268,000	0	0	0	0	0	0
North Bend ES Central Plant and Fire Alarm Upgrade	2,031,000	2,031,000	0	0	0	0	0	0
Playground Equipment	350,000	350,000	0	0	0	0	0	0
Prospect Mill Elementary School HVAC	4,685,000	4,685,000	0	0	0	0	0	0
Relocatable Classrooms	2,706,896	2,706,896	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
Youth's Benefit Elementary School Replacement	48,861,866	48,861,866	0	0	0	0	0	0
Education Total by Project	342,001,979	294,637,979	24,412,000	21,814,000	644,000	494,000	0	0

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
BOARD OF EDUCATION								
Paygo	28,904,047	22,750,363	4,343,000	787,000	644,000	494,000	0	0
Future Bonds	22,220,000	0	12,400,000	9,820,000	0	0	0	0
Prior Bonds	173,169,102	173,169,102	0	0	0	0	0	0
Reappropriated	1,161,467	1,161,467	0	0	0	0	0	0
Transfer Tax	975,308	975,308	0	0	0	0	0	0
State	96,920,500	81,433,500	7,669,000	11,207,000	0	0	0	0
Federal	0	0	0	0	0	0	0	0
Developer/Other	13,663,464	15,148,239	0	0	0	0	0	0
Education Total by Fund	342,001,979	294,637,979	24,412,000	21,814,000	644,000	494,000	0	0

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
				FY 21 APPROVED CAPITAL BUDGET										
GENERAL FUND														
BOARD OF EDUCATION														
ADA Improvements	(37,185)	(19,517)	0	(17,668)	0	0	0	0	0	0	0	0	0	0
Athletic and Recreation Repairs and Improvements	473,937	261,638	0	212,299	0	0	0	0	0	0	0	0	0	0
Athletic Fields Repair and Restoration	(61,781)	(61,781)	0	0	0	0	0	0	0	0	0	0	0	0
Backflow Prevention	(10,491)	0	0	0	0	0	0	0	(10,491)	0	0	0	0	0
Darlington ES Comprehensive HVAC Systemic Project	(105,812)	0	0	(105,812)	0	0	0	0	0	0	0	0	0	0
Educational Facility Program	1,945,671	814,671	1,131,000	0	0		0	0	0	0	0	0	0	0
Energy Efficiency Initative Projects	(114,316)	(114,316)	0	0	0	0	0	0	0	0	0	0	0	0
Fallston Chiller Replacement	(74,094)	0	0	(74,094)	0	0	0	0	0	0	0	0	0	0
Fire Alarm and ER Communication	(33,419)	(9,224)	0	(24,195)	0	0	0	0	0	0	0	0	0	0
Fleet Replacement	1,558,159	0	1,542,000	16,159	0		0	0	0	0	0	0	0	0
HCPS Facilities Repair Program	437,185	19,517	0	417,668	0	0	0	0	0	0	0	0	0	0
HCPS Facilities Master Plan	670,000	0	670,000	0	0		0	0	0	0	0	0	0	0
Integrated Business Systems	(10,874)	0	0	0	0	0	0	0	(10,874)	0	0	0	0	0
Joppatowne High School Limited Renovation Project	9,837,000	0	0	0	8,040,000		0	0	0	0	1,797,000	0	0	0
Life, Health, Safety and Compliance Measures	688,226	123,540	0	24,195	530,000		0	0	10,491	0	0	0	0	0
Major HVAC	1,324,990	0	0	1,324,990	0	0	0	0	0	0	0	0	0	0
Major HVAC Repairs	(1,021,495)	0	0	(1,021,495)	0	0	0	0	0	0	0	0	0	0
Music Equipment Refresh	(2,476)	(2,476)	0	0	0	0	0	0	0	0	0	0	0	0
North Harford HS Aqualculture Lab and Greenhouse	(37,701)	(37,701)	0	0		0	0	0	0	0	0	0	0	0
North Harford MS Domestic Water Improvements	(520,777)	0	0	(520,777)	0	0	0	0	0	0	0	0	0	0
Replacement Buses	(16,159)	0	0	(16,159)	0	0	0	0	0	0	0	0	0	0
Riverside ES HVAC Systemic Renovation	(44,731)	0	0	(44,731)	0	0	0	0	0	0	0	0	0	0
Roof Replacement - Aberdeen Middle School	(119,722)	0	0	(119,722)	0	0	0	0	0	0	0	0	0	0
Roof Replacement - Bel Air Middle School	7,480,000	0	0	0	3,196,000		0	0	0	0	4,284,000	0	0	0
Roof Replacement - Hickory Elementary School	2,222,000	0	0	0	634,000		0	0	0	0	1,588,000	0	0	0
Roof Replacement - North Harford Elementary School	(50,658)	0	0	(50,658)	0	0	0	0	0	0	0	0	0	0
Special Educaton Facilities Improvements	(398,264)	(398,264)	0	0	0	0	0	0	0	0	0	0	0	0
Swimming Pool Renovations	(162,156)	(162,156)	0	0	0	0	0	0	0	0	0	0	0	0
Technology Education Lab Refresh	(23,352)	(23,352)	0	0	0	0	0	0	0	0	0	0	0	0
Technology Infrastructure	(409,986)	(409,986)	0	0	0	0	0	0	0	0	0	0	0	0
Technology Infrastructure	1,420,860	409,986	1,000,000	0	0		0	0	10,874	0	0	0	0	0
Textbooks/Supplemental Refresh	(390,579)	(390,579)	0	0	0	0	0	0	0	0	0	0	0	0
						0								
SUB-TOTAL BOARD OF EDUCATION	24,412,000	0	4,343,000	0	12,400,000	0	0	0	0	0	7,669,000	0	0	0

PROJECT: ADA Improvements **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B064143**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for building and grounds improvements to bring schools into compliance with current Americans with Disabilities Act Accessibility guidelines, and the Maryland Accessibility Code. Exterior work includes pavement markings, curb cuts, sidewalk work, and providing accessible pathways to playground areas. Inside work includes making restrooms, water fountains and public areas accessible. This category includes planned projects and allowance. By law, accommodations must be made to a school receiving new students or staff requiring accommodations. A funding source to complete these modifications is needed to avoid liability.

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	900,000	(37,185)	862,815						862,815
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	900,000	(37,185)	862,815	0	0	0	0	0	862,815
FUNDING SCHEDULE									
R8750 Paygo	350,000		350,000						350,000
R6999 Other BOE	250,000		250,000						250,000
R7100 Prior Bonds	300,000	(17,668)	282,332						282,332
R8751 Prior Paygo		(19,517)	(19,517)						(19,517)
			0						0
			0						0
Total Funds	900,000	(37,185)	862,815	0	0	0	0	0	862,815

Est. Annual Debt Service Cost
$7,877

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	562,815
Encumbered	0
Total	$562,815

PROJECT: Athletic and Recreation Repairs and Improvements **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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 parternship 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction		473,937	473,937						473,937
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	473,937	473,937	0	0	0	0	0	473,937
FUNDING SCHEDULE									
R7100 Prior Bonds		212,299	212,299						212,299
R8751 Prior Paygo		261,638	261,638						261,638
			0						0
			0						0
			0						0
			0						0
Total Funds	0	473,937	473,937	0	0	0	0	0	473,937

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	
Total	$0

PROJECT: Athletic Fields Repair and Restoration **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B034113**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	787,000	(61,781)	725,219						725,219
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	787,000	(61,781)	725,219	0	0	0	0	0	725,219
FUNDING SCHEDULE									
R8750 Paygo	451,000		451,000						451,000
R6999 Other	210,000		210,000						210,000
R1525 Transfer Tax	108,000		108,000						108,000
R8026 Reappropriated Transfer Tax	18,000		18,000						18,000
R8751 Prior Paygo		(61,781)	(61,781)						(61,781)
			0						0
Total Funds	787,000	(61,781)	725,219	0	0	0	0	0	725,219

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

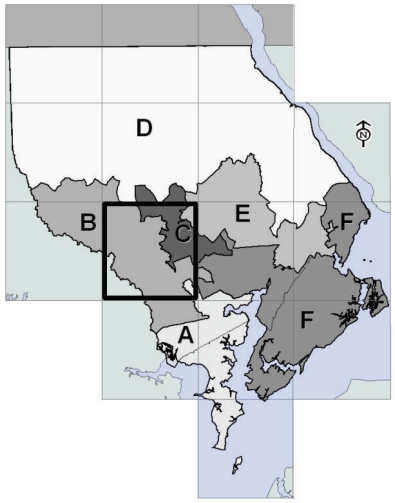
Expended	482,263
Encumbered	0
Total	$482,263

PROJECT: Backflow Prevention **BOARD OF EDUCATION**

COUNCIL DISTRICT: C **LOCATION: Various** **B054111**

PROJECT DESCRIPTION / JUSTIFICATION:

Funding in this category is used to design and implement backflow prevention in order to separate school water systems from backing up into County water supply. This account is also utilized to perform major domestic water repairs, as well as piping serving condensate, steam, etc.



PROJECT SCHEDULE:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	600,000	(10,491)	589,509						589,509
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	600,000	(10,491)	589,509	0	0	0	0	0	589,509
FUNDING SCHEDULE									
R6999 Other BOE	250,000		250,000						250,000
R1525 Transfer Tax	250,000	(10,491)	239,509						239,509
R8026 Reappropriated Transfer Tax	100,000		100,000						100,000
R8750 Paygo			0						0
			0						0
			0						0
Total Funds	600,000	(10,491)	589,509	0	0	0	0	0	589,509

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

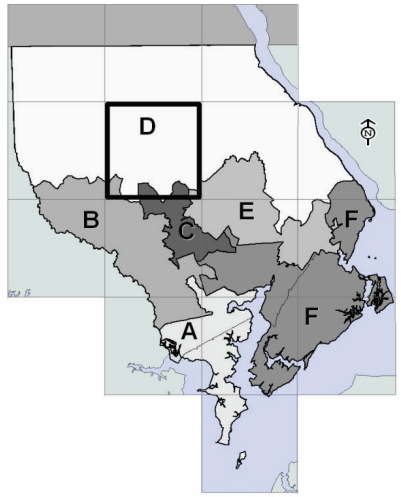
Expended	339,509
Encumbered	
Total	$339,509

PROJECT: Darlington Elementary School Comprehensive HVAC Systemic Project **BOARD OF EDUCATION**

COUNCIL DISTRICT: D **LOCATION: Darlington, MD** **B154106**

PROJECT DESCRIPTION / JUSTIFICATION:

Originally built in 1938 at 13,660 square feet, Darlington Elementary School underwent a renovation and building additions of 10,265 square feet in 1966. A building renovation in 1995 added air conditioning to the original building and replaced one of the boilers. This HVAC renovation consisted of unit ventilators with hot water heat and individual residential size condensing units with rudimentary controls. A 1999 HVAC upgrade added cooling to the 1966 addition by adding an air cooled chiller, creating a four pipe system with new unit ventilators in the classroom and academic support spaces. Temperature controls however remained rudimentary and there is no centralized control of the HVAC system for the school. The school continues to have problems with maintaining proper temperature and humidity control (hot, cold, and humid spaces). Since the system is at the end of its useful life, it is recommended that a new HVAC system with energy recovery, dedicated fresh air, as well as modernized DDC controls be installed to provide reduced operating costs, and better temperature and humidity control.



PROJECT SCHEDULE:

PROJECT STATUS:

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	1,721,408	(105,812)	1,615,596						1,615,596
Inspection Fees	131,540		131,540						131,540
Equipment/Furnishing			0						0
Total Cost	2,052,948	(105,812)	1,947,136	0	0	0	0	0	1,947,136
FUNDING SCHEDULE									
R7920 State Bonds	603,000		603,000						603,000
R7100 Prior Bonds	1,449,948	(105,812)	1,344,136						1,344,136
			0						0
			0						0
			0						0
			0						0
Total Funds	2,052,948	(105,812)	1,947,136	0	0	0	0	0	1,947,136

Est. Annual Debt Service Cost
$37,501

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	1,344,136
Encumbered	0
Total	$1,344,136

PROJECT: Educational Facility Program **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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 Forest Lakes ES - facility improvements and two (2) buses - $368,000

Middle School Autism Program (STRIVE) at Fallston MS - facility improvements and two (2) buses - $391,000

Elementary Classroom Support Program (CSP at Jarrettsville ES - facility improvements and one(1) bus - $254,000

Early Learners/Early Intervention at Youth's Benefit ES - equipment and one(1) bus - $118,000

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			0						0
Land Acquisition			0						0
Construction		1,276,671	1,276,671	457,000	314,000	164,000			2,211,671
Inspection Fees			0						0
Equipment/Furnishing		669,000	669,000	330,000	330,000	330,000			1,659,000
Total Cost	0	1,945,671	1,945,671	787,000	644,000	494,000	0	0	3,870,671
FUNDING SCHEDULE									
R8750 Paygo		1,131,000	1,131,000	787,000	644,000	494,000			3,056,000
R8751 Prior Paygo		814,671	814,671						814,671
			0						0
			0						0
			0						0
Total Funds	0	1,945,671	1,945,671	787,000	644,000	494,000	0	0	3,870,671

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	
Total	$0

PROJECT: Energy Efficiency Initiative Projects **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B144109**

PROJECT DESCRIPTION / JUSTIFICATION:

This category provided funding from the State FY 13 Energy Efficiency initiative disbursed through the Maryland Energy Administration for energy related projects that enhanced energy efficiency based on the standards that are within the procedures as set forth by the IAC dated July 19, 2012.

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	4,988,091	(114,316)	4,873,775						4,873,775
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,988,091	(114,316)	4,873,775	0	0	0	0	0	4,873,775
FUNDING SCHEDULE									
R6999 Other BOE	1,484,775		1,484,775						1,484,775
R3399 State Other	3,389,000		3,389,000						3,389,000
R8750 Paygo	114,316		114,316						114,316
R8751 Prior Paygo		(114,316)	(114,316)						(114,316)
			0						0
			0						0
Total Funds	4,988,091	(114,316)	4,873,775	0	0	0	0	0	4,873,775

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 10/31/14:

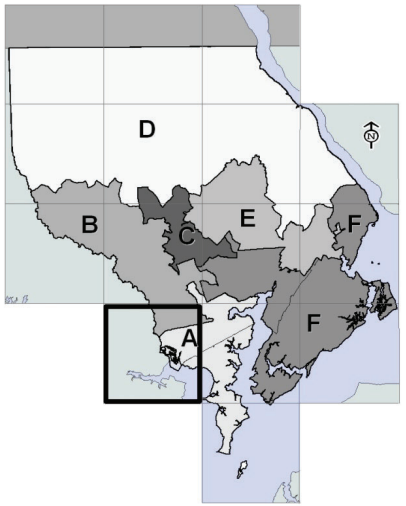
Expended	0
Encumbered	0
Total	$0

PROJECT: Fallston Chiller Replacement **BOARD OF EDUCATION**

COUNCIL DISTRICT: B **LOCATION: Fallston, MD** **B194103**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the water cooled chiller at Fallston Middle School with an air-cooled chiller. The existing cooling tower enclosure will require updates to make room for the air cooled chiller. The current chiller has been previously identified as requiring replacement. Recently, it has experienced increased failures that caused the school to be without cooling for a short period. Future problems could lead to additional damage done to the internal components of the chiller. There is a risk of possible permanent damage and loss of cooling for an extended period of time.



PROJECT SCHEDULE:

Design summer of 2018. Bid Fall of 2018. Construction Winter 2018 - Spring 2019.

PROJECT STATUS:

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

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	120,000		120,000						120,000
Land Acquisition			0						0
Construction	880,000	(74,094)	805,906						805,906
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,000,000	(74,094)	925,906	0	0	0	0	0	925,906
FUNDING SCHEDULE									
R7920 State Bonds	554,000		554,000						554,000
R7100 Prior Bonds	446,000	(74,094)	371,906						371,906
			0						0
			0						0
			0						0
			0						0
Total Funds	1,000,000	(74,094)	925,906	0	0	0	0	0	925,906

Est. Annual Debt Service Cost
$10,376

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	145,174
Encumbered	0
Total	$145,174

PROJECT: Fire Alarm and ER Communication **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B004112**

PROJECT DESCRIPTION / JUSTIFICATION:

Funds are utilized for the installation, repair, or replacement of obsolete fire alarm and emergency communication systems; major sprinkler repairs; and the replacement or addition of generators to provide life safety measures in the event of a power failure in school facilities. This Funds are utilized for the installation, repair, or replacement of obsolete fire alarm and emergency communication systems; major sprinkler The following projects are scheduled for future years:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	1,387,000	(33,419)	1,353,581						1,353,581
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,387,000	(33,419)	1,353,581	0	0	0	0	0	1,353,581
FUNDING SCHEDULE									
R8750 Paygo	500,000		500,000						500,000
R6999 Other BOE	425,000		425,000						425,000
R1525 Transfer Tax	104,400		104,400						104,400
R8026 Reappropriated Transfer Tax	75,000		75,000						75,000
R7100 Prior Bonds	282,600	(24,195)	258,405						258,405
R8751 Prior Paygo		(9,224)	(9,224)						(9,224)
Total Funds	1,387,000	(33,419)	1,353,581	0	0	0	0	0	1,353,581

Est. Annual Debt Service Cost
$7,209

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	914,325
Encumbered	0
Total	$914,325

PROJECT: Fleet Replacement **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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 Buses:

14 that were due in FY 2018 - $1,542,000

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		1,558,159	1,558,159	0	0	0	0	0	1,558,159
Total Cost	0	1,558,159	1,558,159	0	0	0	0	0	1,558,159
FUNDING SCHEDULE									
R8750 Paygo		1,542,000	1,542,000	0	0	0	0	0	1,542,000
R7100 Prior Bonds		16,159	16,159						16,159
			0						0
			0						0
			0						0
			0						0
Total Funds	0	1,558,159	1,558,159	0	0	0	0	0	1,558,159

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	
Total	$0

PROJECT: HCPS Facilities Master Plan **BOARD OF EDUCATION**

LOCATION: Various **New**

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:

FY 2021 - Utilize professional consulting services to complete a comprehensive review of our existing facilities, capacties, Kirwan recommendations, North Star objectives, and special education needs to develop efficient and economical solutions to balance enrollment and to meet growing facility needs.

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		670,000	670,000	0					670,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	670,000	670,000	0	0	0	0	0	670,000
FUNDING SCHEDULE									
R8750 Paygo		670,000	670,000	0					670,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	670,000	670,000	0	0	0	0	0	670,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	
Total	$0

PROJECT: 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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	486,480	437,185	923,665						923,665
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	486,480	437,185	923,665	0	0	0	0	0	923,665
FUNDING SCHEDULE									
R7100 Prior Bonds	486,480	417,668	904,148						904,148
R8751 Prior Paygo		19,517	19,517						19,517
			0						0
			0						0
			0						0
			0						0
Total Funds	486,480	437,185	923,665	0	0	0	0	0	923,665

Est. Annual Debt Service Cost
25,226

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	30,644
Encumbered	
Total	$30,644

PROJECT: Integrated Business Systems **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B064124**

PROJECT DESCRIPTION / JUSTIFICATION:

This is an ongoing project dedicated to the upgrade and enhancement of HCPS' Enterprise Resource Planning system (Lawson). Since inception of this project (1999) funds have been requested each fiscal year to provide major system and module upgrades due to "end of life" actions by the vendor, enhancements to accommodate business process changes and efficiencies; and provide business continuance capability for disaster recovery.

PROJECT SCHEDULE:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	403,000	(10,874)	392,126						392,126
Total Cost	403,000	(10,874)	392,126	0	0	0	0	0	392,126
FUNDING SCHEDULE									
R8770 Reappropriated	193,000		193,000						193,000
R1525 Transfer Tax	210,000	(10,874)	199,126						199,126
			0						0
			0						0
			0						0
			0						0
Total Funds	403,000	(10,874)	392,126	0	0	0	0	0	392,126

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

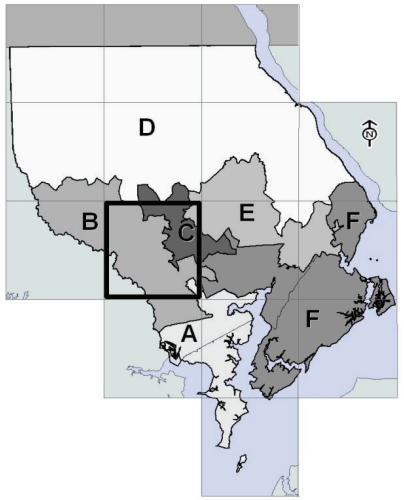
Expended	392,126
Encumbered	0
Total	$392,126

PROJECT: Joppatowne High School Limited Renovation Project **BOARD OF EDUCATION**

COUNCIL DISTRICT: E **LOCATION: Joppa, MD** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

Joppatowne High School was bilt 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 to begin in 2020.

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	1,551,244		1,551,244						1,551,244
Land Acquisition			0						0
Construction	12,121,756	9,387,000	21,508,756	21,027,000					42,535,756
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	13,673,000	9,387,000	23,060,000	21,027,000	0	0	0	0	44,087,000
FUNDING SCHEDULE									
R7100 Prior Bonds	7,400,000		7,400,000						7,400,000
R7920 State Bonds	6,273,000	1,797,000	8,070,000	11,207,000					19,277,000
R7000 Future Bonds		8,040,000	8,040,000	9,820,000					17,860,000
			0						0
			0						0
			0						0
Total Funds	13,673,000	9,837,000	23,510,000	21,027,000	0	0	0	0	44,537,000

Est. Annual Debt Service Cost
$430,776

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	1,173,786
Encumbered	
Total	$1,173,786

PROJECT: Life, Health, Safety and Compliance Measures **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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

Replace recalled sprinkler heads at HdG ES for sprinkler code compliance.
Full replacement of fire alarm systems at Homestead Wakefield ES.
Upgrade the existing Edwards panels and change out non-compatible devices at Aberdeen HS, Bakersfield ES, Edgewood MS, Forest Lakes ES, Halls Cross Roads ES, North Harford HS and Red Pump ES.
Install a generator at Bakersfield ES.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction		688,226	688,226						688,226
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	688,226	688,226	0	0	0	0	0	688,226
FUNDING SCHEDULE									
R7000 Future Bonds		530,000	530,000						530,000
R8751 Prior Paygo		123,540	123,540						123,540
R7100 Prior Bonds		24,195	24,195						24,195
R1525 Transfer Tax		10,491	10,491						10,491
			0						0
			0						0
Total Funds	0	688,226	688,226	0	0	0	0	0	688,226

Est. Annual Debt Service Cost
$14,787

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

Expended	
Encumbered	
Total	$0

PROJECT: Major HVAC **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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:

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			0						0
Land Acquisition			0						0
Construction		1,324,990	1,324,990						1,324,990
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	1,324,990	1,324,990	0	0	0	0	0	1,324,990
FUNDING SCHEDULE									
R7100 Prior Bonds		1,324,990	1,324,990						1,324,990
			0						0
									0
Total Funds	0	1,324,990	1,324,990	0	0	0	0	0	1,324,990

Est. Annual Debt Service Cost
$36,967

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	5,393,741
Encumbered	0
Total	$5,393,741

PROJECT: Major HVAC Repairs **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B064145**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	9,805,137	(1,021,495)	8,783,642						8,783,642
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	9,805,137	(1,021,495)	8,783,642	0	0	0	0	0	8,783,642
FUNDING SCHEDULE									
R8750 Paygo	123,502		123,502						123,502
R6999 Other BOE	3,323,455		3,323,455						3,323,455
R1525 Transfer Tax	100,000		100,000						100,000
R7100 Prior Bonds	6,258,180	(1,021,495)	5,236,685						5,236,685
			0						0
									0
Total Funds	9,805,137	(1,021,495)	8,783,642	0	0	0	0	0	8,783,642

Est. Annual Debt Service Cost
$146,104

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	5,393,741
Encumbered	0
Total	$5,393,741

PROJECT: Music Equipment Refresh Program **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B144113**

PROJECT DESCRIPTION / JUSTIFICATION:

This program was established in 2003 and provides funds for the replacement of musical instruments throughout the school system. Musical instruments in the school setting have varying life expectanices ranging from 6 years to 20 years depending on the type, the amount of use, and the material the instrument is constructed of. Parents are not expected to purchase these instruments due to their high cost or their special area. Basic instruments such as trumpets, trombones, clarinets, alto saxophones and flutes are not part of this program and parents are responsible to secure them from other sources. In 2002, the Music Department established a Basic Essential Music Instrument Inventory which each school must have to perform a wide range of musical literature. This basic inventory is required regardless of the size of a program, but in some instances schools may require duplicate sets of some instruments to meet the needs of musical ensembles.

PROJECT SCHEDULE:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	50,000	(2,476)	47,524						47,524
Total Cost	50,000	(2,476)	47,524	0	0	0	0	0	47,524
FUNDING SCHEDULE									
R8750 Paygo	50,000		50,000						50,000
R8751 Prior Paygo		(2,476)	(2,476)						(2,476)
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	(2,476)	47,524	0	0	0	0	0	47,524

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

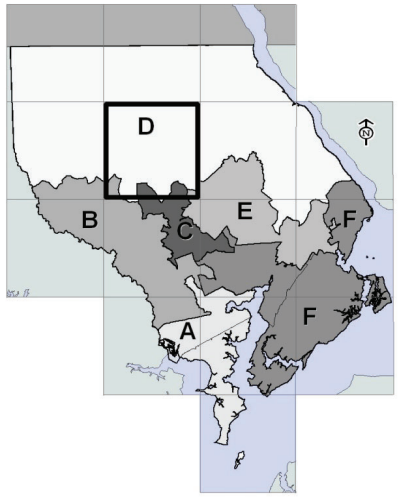
Expended	47,524
Encumbered	0
Total	$47,524

PROJECT: North Harford Middle School Domestic Water Improvements **BOARD OF EDUCATION**

COUNCIL DISTRICT: D **LOCATION: Pylesville, MD** **B154108**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide funding for replacement of a well and associated equipment to establish a new water supply service.



PROJECT SCHEDULE:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	1,000,000	(520,777)	479,223						479,223
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,000,000	(520,777)	479,223	0	0	0	0	0	479,223
FUNDING SCHEDULE									
R7100 Prior Bonds	1,000,000	(520,777)	479,223						479,223
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,000,000	(520,777)	479,223	0	0	0	0	0	479,223

Est. Annual Debt Service Cost
$13,370

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

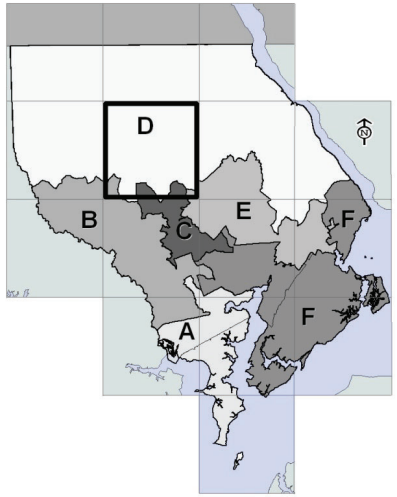
Expended	479,223
Encumbered	
Total	$479,223

PROJECT: North Harford HS Aquaculture Lab and Greenhouse **BOARD OF EDUCATION**

COUNCIL DISTRICT: D **LOCATION: Pylesville, MD** **B184109**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide programmatic upgrades to support the agricultural program at the school. Work to upgrade the greenhouse includes: replacing existing greenhouse system with new aluminum system and high performance glazing, above the existing foundation and masonry and removing the existing wall dividing the greenhouse into two spaces. Additionally, to improve greenhouse climate control, the project will add a shade mechanism such as a shading compound/paint (e.g. whitewash) or a retractable shade curtain, add new modern greenhouse temperature and ventilation control system, upsize existing geothermal heat pumps to meet the need of the greenhouse, and modify ductwork to optimize greenhouse airflow. To accommodate the aquaculture lab, the project will conver the current head house to an aquaculture lab tank room and modify the current floral design room to also be utilized as a workroom for the greenhouse.



PROJECT SCHEDULE:

Summer/fall 2017: Design
Winter 2018: Bid
Spring 2018: Construction

PROJECT STATUS:

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	65,000		65,000						65,000
Land Acquisition			0						0
Construction	750,000	(37,701)	712,299						712,299
Inspection Fees	15,000		15,000						15,000
Equipment/Furnishing			0						0
Total Cost	830,000	(37,701)	792,299	0	0	0	0	0	792,299
FUNDING SCHEDULE									
R8750 Paygo	830,000		830,000						830,000
R8751 Prior Paygo		(37,701)	(37,701)						(37,701)
			0						0
			0						0
			0						0
			0						0
Total Funds	830,000	(37,701)	792,299	0	0	0	0	0	792,299

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	792,299
Encumbered	
Total	$792,299

PROJECT: Replacement Buses **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B024118**

PROJECT DESCRIPTION / JUSTIFICATION:

Special needs 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 needs transportation. The MD State Department of Education requires that school systems replace buses after 12 years of use.

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	14,281,197	(16,159)	14,265,038						14,265,038
Total Cost	14,281,197	(16,159)	14,265,038	0	0	0	0	0	14,265,038
FUNDING SCHEDULE									
R8750 Paygo	10,222,574		10,222,574						10,222,574
R6999 Other	2,582,000		2,582,000						2,582,000
R7100 Prior Bonds	1,444,272	(16,159)	1,428,113						1,428,113
R1525 Transfer Tax	32,351		32,351						32,351
			0						0
			0						0
Total Funds	14,281,197	(16,159)	14,265,038	0	0	0	0	0	14,265,038

Est. Annual Debt Service Cost
$39,844

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	10,212,354
Encumbered	0
Total	$10,212,354

PROJECT: Riverside ES HVAC Systemic Renovation **BOARD OF EDUCATION**

COUNCIL DISTRICT: B **LOCATION: Bel Air, MD** **B174104**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

Design - summer/fall 2016
Bid spring of 2017
Construction begins summer 2017 and will be completed in the summer of 2018.

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	8,255,607	(44,731)	8,210,876						8,210,876
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	8,255,607	(44,731)	8,210,876	0	0	0	0	0	8,210,876
FUNDING SCHEDULE									
R7920 State Bonds	4,158,000		4,158,000						4,158,000
R7100 Prior Bonds	4,097,607	(44,731)	4,052,876						4,052,876
			0						0
			0						0
			0						0
Total Funds	8,255,607	(44,731)	8,210,876	0	0	0	0	0	8,210,876

Est. Annual Debt Service Cost
$113,075

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	4,052,876
Encumbered	0
Total	$4,052,876

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.

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	370,000		370,000						370,000
Land Acquisition			0						0
Construction	4,114,000	(119,722)	3,994,278						3,994,278
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,484,000	(119,722)	4,364,278	0	0	0	0	0	4,364,278
FUNDING SCHEDULE									
R7100 Prior Bonds	1,605,000	(119,722)	1,485,278						1,485,278
R7920 State Bonds	2,879,000		2,879,000						2,879,000
			0						0
			0						0
			0						0
			0						0
Total Funds	4,484,000	(119,722)	4,364,278	0	0	0	0	0	4,364,278

Est. Annual Debt Service Cost
$41,439

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	1,225,960
Encumbered	0
Total	$1,225,960

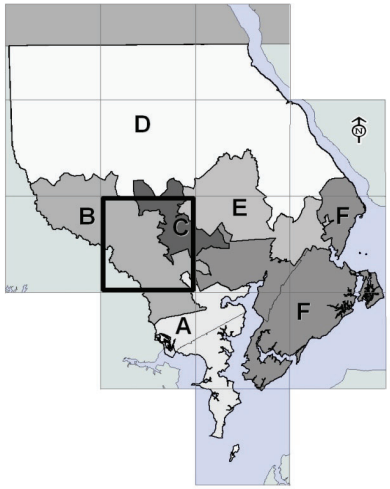
PROJECT: Roof Replacement - Bel Air Middle School **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. 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 replaceed 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 canpoy was re-roofed in 2011. This project would replace the entire roof.



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		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	0	7,480,000	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		3,196,000	3,196,000						3,196,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	7,480,000	7,480,000	0	0	0	0	0	7,480,000

Est. Annual Debt Service Cost
$89,168

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of

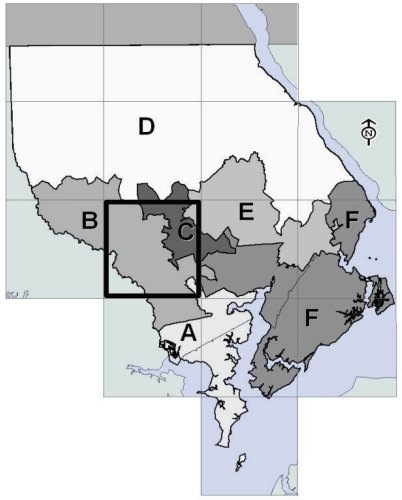
Expended	
Encumbered	
Total	$0

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	269,000		269,000						269,000
Land Acquisition			0						0
Construction	1,525,000	2,222,000	3,747,000						3,747,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,794,000	2,222,000	4,016,000	0	0	0	0	0	4,016,000
FUNDING SCHEDULE									
R7100 Prior Bonds	879,000		879,000						879,000
R7920 State Bonds	915,000	1,588,000	2,503,000						2,503,000
R7000 Future Bonds		634,000	634,000						634,000
			0						0
			0						0
			0						0
Total Funds	1,794,000	2,222,000	4,016,000	0	0	0	0	0	4,016,000

Est. Annual Debt Service Cost
$42,213

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

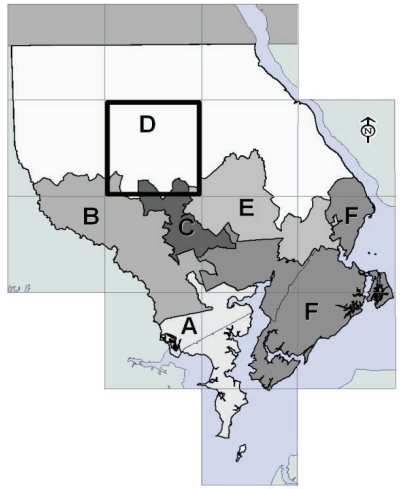
Expended	1,560
Encumbered	
Total	$1,560

PROJECT: Roof Replacement - North Harford Elementary School **BOARD OF EDUCATION**

COUNCIL DISTRICT: D **LOCATION: Pylesville** **B184120**

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. North Harford Elementary School is in need of replacement in FY 2018. Projects are submitted for funding consideration through the State Capital Improvement Plan request.



PROJECT STATUS:

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	159,000		159,000						159,000
Land Acquisition			0						0
Construction	905,000	(50,658)	854,342						854,342
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,064,000	(50,658)	1,013,342	0	0	0	0	0	1,013,342
FUNDING SCHEDULE									
R7100 Prior Bonds	495,000	(50,658)	444,342						444,342
R7920 State Bonds	569,000		569,000						569,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,064,000	(50,658)	1,013,342	0	0	0	0	0	1,013,342

Est. Annual Debt Service Cost
$12,397

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	441,342
Encumbered	0
Total	$441,342

PROJECT: Special Education Facilities Improvements **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B204114**

PROJECT DESCRIPTION / JUSTIFICATION:

This capital project funds the necessary renovation and upgrades for our facilities to comply with special education laws and mandates. The State and Local code mandates are unknown at this time, but can be issued without notice. Currently in Harford County, autism classrooms for elementary and middle schools are at capacity. Based on the projected growth, there is a need to modify additional classrooms to accommodate the special needs and anticipated growth of these students.

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	1,042,000	(398,264)	643,736						643,736
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,042,000	(398,264)	643,736	0	0	0	0	0	643,736
FUNDING SCHEDULE									
R6999 Other BOE	200,000		200,000						200,000
R8750 Paygo	842,000		842,000						842,000
R8751 Prior Paygo		(398,264)	(398,264)						(398,264)
			0						0
			0						0
			0						0
Total Funds	1,042,000	(398,264)	643,736	0	0	0	0	0	643,736

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	11,567
Encumbered	0
Total	$11,567

PROJECT: Swimming Pool Renovations **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B184110**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

FY 2020: Complete an assessment of all conditions and maintenance needs of all three pools to develop a preventative maintenance plan and a prioritized order of work.

PROJECT STATUS:

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

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	140,000		140,000						140,000
Land Acquisition			0						0
Construction	1,243,000	(162,156)	1,080,844						1,080,844
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,383,000	(162,156)	1,220,844	0	0	0	0	0	1,220,844
FUNDING SCHEDULE									
R6999 Other BOE	362,113		362,113						362,113
R8750 Paygo	773,000		773,000						773,000
R7100 Prior Bonds	247,887		247,887						247,887
R8751 Prior Paygo		(162,156)	(162,156)						(162,156)
			0						0
			0						0
Total Funds	1,383,000	(162,156)	1,220,844	0	0	0	0	0	1,220,844

Est. Annual Debt Service Cost
$6,916

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	818,952
Encumbered	0
Total	$818,952

PROJECT: Technology Education Lab Refresh **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B164112**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funds to update middle and high school Technology Education (old Industrial Arts shops) classrooms with current computer equipment and technology to reflect program changes defined by MSDE. The "Foundations of Technology" (FOT) course is required for all students in Harford County Public Schools as part of the Maryland Department of Education's graduation requirements. The implementation of these programs is an essential component of the K-12 STEM Education Strategic Plan for Harford County Public Schools.

PROJECT SCHEDULE:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	250,000	(23,352)	226,648						226,648
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	250,000	(23,352)	226,648	0	0	0	0	0	226,648
FUNDING SCHEDULE									
R8750 Paygo	250,000		250,000						250,000
R8751 Prior Paygo		(23,352)	(23,352)						(23,352)
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	(23,352)	226,648	0	0	0	0	0	226,648

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	75,068
Encumbered	0
Total	$75,068

PROJECT: Technology Infrastructure **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **B154117**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,258,217	(409,986)	4,848,231						4,848,231
Total Cost	5,258,217	(409,986)	4,848,231	0	0	0	0	0	4,848,231
FUNDING SCHEDULE									
R8750 Paygo	2,634,541		2,634,541						2,634,541
R1525 Transfer Tax	87,387		87,387						87,387
R7100 Prior Bonds	2,400,822		2,400,822						2,400,822
R8026 Reappropriated Transfer Tax	55,473		55,473						55,473
R8089 Reappropriated Paygo	79,994		79,994						79,994
R8751 Prior Paygo		(409,986)	(409,986)						(409,986)
			0						0
Total Funds	5,258,217	(409,986)	4,848,231	0	0	0	0	0	4,848,231

OPERATING BUDGET IMPACT:

$66,983

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	4,848,234
Encumbered	0
Total	$4,848,234

PROJECT: Technology Infrastructure **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **NEW**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

Blended Learning Devices: Student devices for blended learning in support of HCPS' digital transformation initiative. Intended for Grade 1-8, implemented in 4 phases (grades 5&8, 6&4, 7&3, 1&2.)

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		1,420,860	1,420,860						1,420,860
Total Cost	0	1,420,860	1,420,860	0	0	0	0	0	1,420,860
FUNDING SCHEDULE									
R8750 Paygo		1,000,000	1,000,000						1,000,000
R1525 Transfer Tax		10,874	10,874						10,874
R8751 Prior Paygo		409,986	409,986						409,986
			0						0
			0						0
			0						0
			0						0
Total Funds	0	1,420,860	1,420,860	0	0	0	0	0	1,420,860

Est. Annual Debt Service Cost
$66,983

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	0
Encumbered	0
Total	$0

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.

This project will be closed when balance has been expended

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	5,300,000	(390,579)	4,909,421						4,909,421
Total Cost	5,300,000	(390,579)	4,909,421	0	0	0	0	0	4,909,421
FUNDING SCHEDULE									
R8750 Paygo	2,900,000		2,900,000						2,900,000
R6999 Other BOE	2,400,000		2,400,000						2,400,000
		(390,579)	(390,579)						(390,579)
			0						0
			0						0
			0						0
Total Funds	5,300,000	(390,579)	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 3/1/2020:

Expended	2,484,298
Encumbered	0
Total	$2,484,298

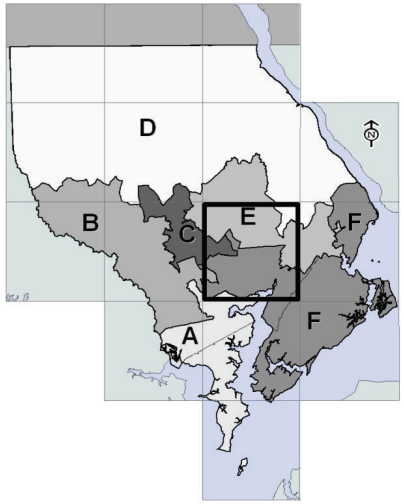
OPEN/ACTIVE PROJECTS

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/2020:

Expended	567,053
Encumbered	0
Total	$567,053

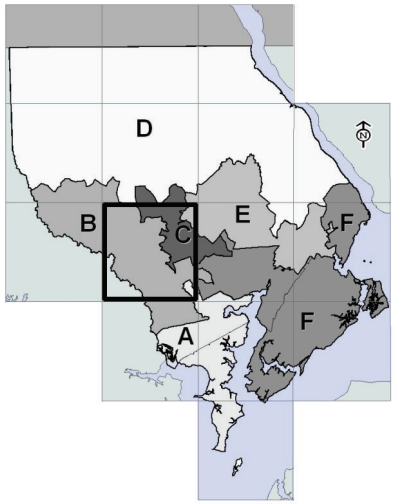
PROJECT: Bel Air Elementary School HVAC Systemic Renovation & Open Space Enclosure **BOARD OF EDUCATION**

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:

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	1,710,000		1,710,000						1,710,000
Land Acquisition			0						0
Construction	5,934,000		5,934,000						5,934,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	7,644,000	0	7,644,000	0	0	0	0	0	7,644,000
FUNDING SCHEDULE									
R7100 Prior Bonds	3,485,000		3,485,000						3,485,000
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	0	7,644,000	0	0	0	0	0	7,644,000

Est. Annual Debt Service Cost
$97,232

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

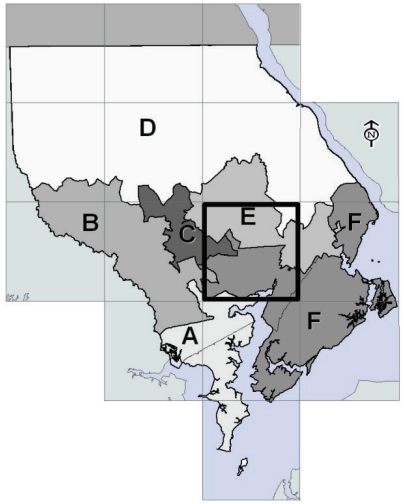
Expended	3,197,234
Encumbered	0
Total	$3,197,234

PROJECT: Center for Educational Opportunity - HVAC **BOARD OF EDUCATION**

COUNCIL DISTRICT: E **LOCATION: Aberdeen, MD** **B164109**

PROJECT DESCRIPTION / JUSTIFICATION:

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



PROJECT SCHEDULE:

PROJECT STATUS:

Design - August 2015 to January 2016

Complete Construction by Spring, 2017

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,625,000	0	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	0	2,425,000						2,425,000
R7100 Prior Bonds	2,200,000	0	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
$61,380

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

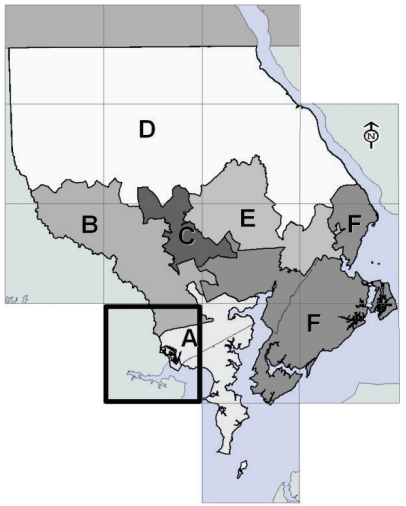
Expended	2,159,095
Encumbered	0
Total	$2,159,095

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:

In 2018, $300,000 in Prior Bonds was transferred to the ADA Improvements capital project to provide an emergency elevator replacement for CMW HS

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	1,082,049		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
$214,103

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

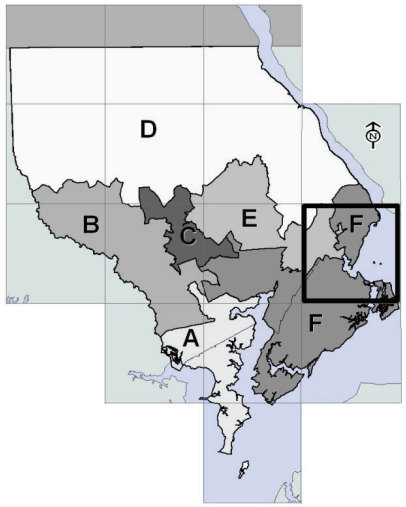
Expended	7,673,236
Encumbered	0
Total	$7,673,236

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$135,036

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

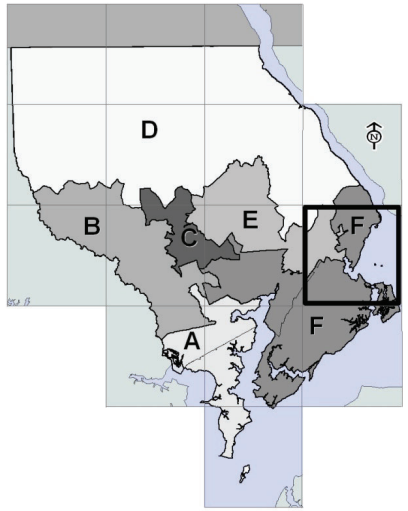
Expended	839,379
Encumbered	0
Total	$839,379

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$2,091,798

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020

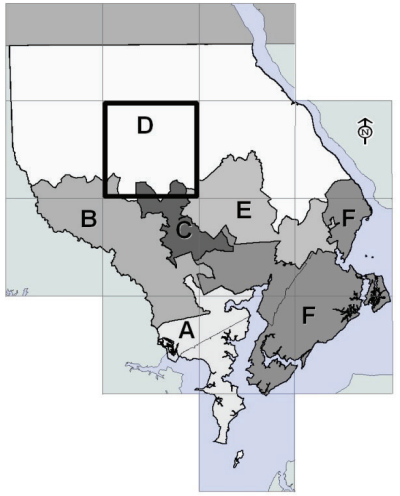
Expended	35,873,568
Encumbered	0
Total	$35,873,568

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$29,421

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	104,496
Encumbered	
Total	$104,496

PROJECT: Playground Equipment **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B144117**

PROJECT DESCRIPTION / JUSTIFICATION:

This capital project provides funds for the replacement of playground equipment at elementary schools. Schools in need of new playground equipment or schools where the equipment has been deemed unsafe, are scheduled for replacement under this project. In addition to the funding identified in the schedule below, projects may also receive funds from Harford County Parks and Recreation, Parent Teacher Associations, private contributions and/or grants. Estimates include costs to meet new stormwater and ADA requirements.

PROJECT SCHEDULE:

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program after completion of the audit July, 2020.

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	350,000		350,000						350,000
Total Cost	350,000	0	350,000	0	0	0	0	0	350,000
FUNDING SCHEDULE									
R8750 Paygo	350,000		350,000						350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	350,000	0	350,000	0	0	0	0	0	350,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 2/1/19:

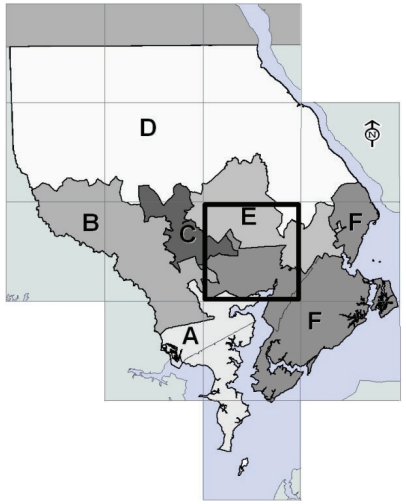
Expended	343,549
Encumbered	
Total	$343,549

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:

Design - Fall, 2015
Complete Construction - August, 2016

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program b	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	4,685,000		4,685,000						4,685,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	4,685,000	0	4,685,000	0	0	0	0	0	4,685,000
FUNDING SCHEDULE									
R7920 State Bonds	2,391,000		2,391,000						2,391,000
R7100 Prior Bonds	2,294,000		2,294,000						2,294,000
									0
			0						0
			0						0
			0						0
Total Funds	4,685,000	0	4,685,000	0	0	0	0	0	4,685,000

Est. Annual Debt Service Cost
$64,003

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	2,290,977
Encumbered	0
Total	$2,290,977

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/2020:

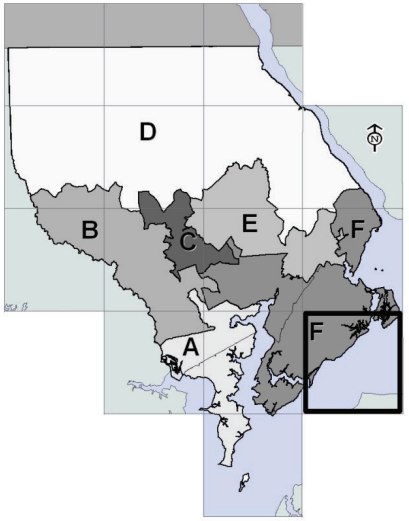
Expended	188,000
Encumbered	0
Total	$188,000

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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
$188,130

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	745,346
Encumbered	
Total	$745,346

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/2020:

Expended	638,669
Encumbered	0
Total	$638,669

PROJECT: Security Measures **BOARD OF EDUCATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **B054113**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/2020:

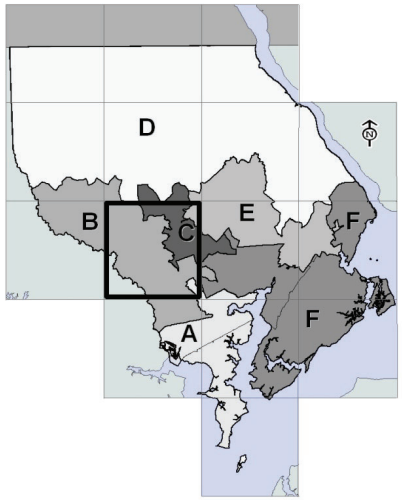
Expended	930,309
Encumbered	0
Total	$930,309

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:

Amended per legislation in September 2018.
Transferred funds from Bel Air ES HVAC Systemic Renovation & Open Space $485,000

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$1,077,271

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/2020:

Expended	38,577,235
Encumbered	0
Total	$38,577,235

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
SOLID WASTE SERVICES								
FY 21 Funded Projects:								
Environmental Studies and Projects (New)	233,801	0	233,801	0	0	0	0	0
Environmental Studies and Projects (93)	1,207,099	1,440,900	(233,801)	0	0	0	0	0
Former Spencers Landfill Closure (East Side)	4,928,099	6,700,000	(1,771,901)	0	0	0	0	0
Full Cost Accounting Study	235,040	300,000	(64,960)	0	0	0	0	0
HWDC Landfill Capping	10,195,000	9,445,000	125,000	125,000	125,000	125,000	125,000	125,000
Solid Waste Facilities Repair Program	3,750,000	1,000,000	1,000,000	350,000	350,000	350,000	350,000	350,000
Tollgate Landfill Gas System	1,033,333	1,034,679	(1,346)	0	0	0	0	0
Tollgate Yard Trim Recycling Center	475,081	975,081	(500,000)	0	0	0	0	0
Open Projects:								
HWDC Compost Area Facilities	525,000	525,000	0	0	0	0	0	0
HWDC Pavement Upgrades	800,000	800,000	0	0	0	0	0	0
Scarboro Landfill Groundwater Treatment Plant Evaluation	250,000	250,000	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	31,796,206	30,634,413	(1,213,207)	475,000	475,000	475,000	475,000	475,000
Paygo	26,271,043	25,646,043	0	125,000	125,000	125,000	125,000	125,000
Prior Paygo	(1,213,207)	0	(1,213,207)	0	0	0	0	0
Reappropriated	1,524,056	1,524,056	0	0	0	0	0	0
Future Bonds	1,750,000	0	0	350,000	350,000	350,000	350,000	350,000
Prior Bonds	3,124,314	3,124,314	0	0	0	0	0	0
Developer/Other	340,000	340,000	0	0	0	0	0	0
Solid Waste Services Total by Fund	31,796,206	30,634,413	(1,213,207)	475,000	475,000	475,000	475,000	475,000

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
SOLID WASTE SERVICES														
SOLID WASTE SERVICES														
Environmental Studies and Projects (New)	233,801	233,801	0	0	0		0	0	0	0	0	0	0	0
Environmental Studies and Projects (93)	(233,801)	(233,801)	0	0	0		0	0	0	0	0	0	0	0
Former Spencers Landfill Closure (East Side)	(1,771,901)	(1,771,901)	0	0	0		0	0	0	0	0	0	0	0
Full Cost Accounting Study	(64,960)	(64,960)	0	0	0		0	0	0	0	0	0	0	0
HWDC Landfill Capping	125,000	125,000	0	0	0		0	0	0	0	0	0	0	0
Solid Waste Facilities Repair Program	1,000,000	500,000	0	500,000	0		0	0	0	0	0	0	0	0
Tollgate Landfill Gas System	(1,346)	(1,346)	0	0	0		0	0	0	0	0	0	0	0
Tollgate Yard Trim Recycling Center	(500,000)	0	0	(500,000)	0		0	0	0	0	0	0	0	0
SUB-TOTAL SOLID WASTE CAPITAL	(1,213,207)	(1,213,207)	0	0	0	0	0	0	0	0	0	0	0	0

PROJECT: Environmental Studies and Projects (New) **SOLID WASTE**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **NEW**

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.

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

PROJECT SCHEDULE:

This project is ongoing

PROJECT STATUS:

FY 21 funds are reallocated from previous Environmental Studies and Projects - D935602.

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		233,801	233,801						233,801
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	233,801	233,801	0	0	0	0	0	233,801
FUNDING SCHEDULE									
R8750 Paygo			0						0
R6999 Other			0						0
R8750 Prior Paygo		233,801	233,801						233,801
			0						0
			0						0
			0						0
Total Funds	0	233,801	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	
Expended	0
Encumbered	0
Total	$0

PROJECT: Environmental Studies and Projects (93) **SOLID WASTE**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **D935602**

PROJECT DESCRIPTION / JUSTIFICATION:

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

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

PROJECT SCHEDULE:

This project is ongoing

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Plan after completion of audit July 2020.

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	1,440,900	(233,801)	1,207,099						1,207,099
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,440,900	(233,801)	1,207,099	0	0	0	0	0	1,207,099
FUNDING SCHEDULE									
R8750 Paygo	1,040,900	0	1,040,900						1,040,900
R6999 Other	340,000		340,000						340,000
R8089 Reappropriated Paygo	60,000		60,000						60,000
R8750 Prior Paygo		(233,801)	(233,801)						(233,801)
			0						0
			0						0
Total Funds	1,440,900	(233,801)	1,207,099	0	0	0	0	0	1,207,099

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

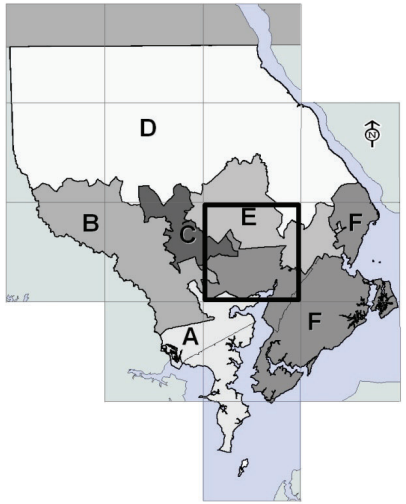
Expended	1,207,099
Encumbered	0
Total	$1,207,099

PROJECT: Former Spencers Landfill Closure (East Side) **SOLID WASTE**

COUNCIL DISTRICT: F **LOCATION: Abingdon, MD** **D125601**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the design and construction of landfill cap, site restoration, and post-closure care. This project is necessary to comply with the requirements and schedule mandated by the Maryland Department of the Environment (MDE) by an executed consent agreement.



PROJECT SCHEDULE:

FY 13-14: Design and permitting
FY 15-16: Construction

$1,771,901 is reallocated to the Solid Waste Facilities Repair Program capital project

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program when audit is complete in July, 2020

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	400,000		400,000						400,000
Land Acquisition			0						0
Construction	6,300,000	(1,771,901)	4,528,099						4,528,099
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	6,700,000	(1,771,901)	4,928,099	0	0	0	0	0	4,928,099
FUNDING SCHEDULE									
R8770 Reappropriated	400,000		400,000						400,000
R8750 Paygo	6,300,000		6,300,000						6,300,000
R8750 Prior Paygo		(1,771,901)	(1,771,901)						(1,771,901)
			0						0
			0						0
			0						0
Total Funds	6,700,000	(1,771,901)	4,928,099	0	0	0	0	0	4,928,099

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	4,928,099
Encumbered	0
Total	$4,928,099

PROJECT: Full Cost Accounting Study **SOLID WASTE**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **D145601**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will fund an evaluation of solid waste disposal systems costs as required to develop a long-term business plan and fee structure.

PROJECT SCHEDULE:

Complete work in FY14 and FY15

$64,960 in Paygo will be reallocated to the Solid Waste Facilities Repair Project.

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program after completion of audit July, 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	300,000	(64,960)	235,040						235,040
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	300,000	(64,960)	235,040	0	0	0	0	0	235,040
FUNDING SCHEDULE									
R8750 Paygo	300,000		300,000						300,000
R8750 Prior Paygo		(64,960)	(64,960)						(64,960)
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	(64,960)	235,040	0	0	0	0	0	235,040

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

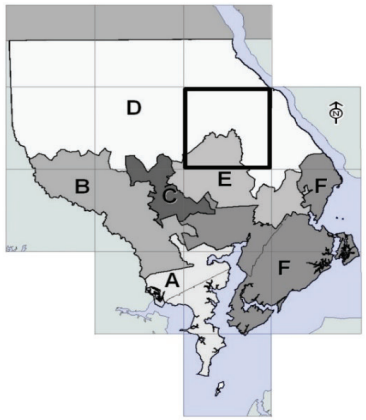
Expended	235,040
Encumbered	0
Total	$235,040

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.



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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	400,000		400,000						400,000
Land Acquisition			0						0
Construction	8,895,000	125,000	9,020,000	125,000	125,000	125,000	125,000	125,000	9,645,000
Inspection Fees	150,000		150,000						150,000
Equipment/Furnishing			0						0
Total Cost	9,445,000	125,000	9,570,000	125,000	125,000	125,000	125,000	125,000	10,195,000
FUNDING SCHEDULE									
R8750 Paygo	9,445,000		9,445,000	125,000	125,000	125,000	125,000	125,000	10,070,000
8750 Prior Paygo		125,000	125,000						125,000
			0						0
			0						0
			0						0
			0						0
Total Funds	9,445,000	125,000	9,570,000	125,000	125,000	125,000	125,000	125,000	10,195,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

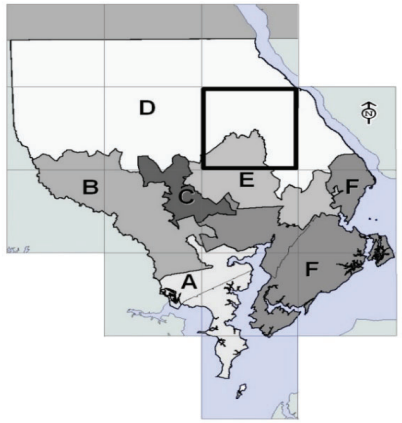
Expended	7,974,900
Encumbered	0
Total	$7,974,900

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., including investigation, engineering, and permitting.



PROJECT SCHEDULE:

This project is on-going.

PROJECT STATUS:

FY 21 Prior Bonds in the amount of $500,000 reallocated from Tollgate Yard Trim Recyclying Center capital project; $500,000 in prior paygo funding from the following capital projects: $1,346 from Tollgate Landfill Gas System, $64,960 from Full Cost Accounting Study and $433,694 from Former's Spencer Landfill Closure

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			0						0
Land Acquisition			0						0
Construction	1,000,000	1,000,000	2,000,000	350,000	350,000	350,000	350,000	350,000	3,750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,000,000	1,000,000	2,000,000	350,000	350,000	350,000	350,000	350,000	3,750,000
FUNDING SCHEDULE									
R7000 Future Bonds			0	350,000	350,000	350,000	350,000	350,000	1,750,000
R7100 Prior Bonds	1,000,000	500,000	1,500,000						1,500,000
R8750 Prior Paygo		500,000	500,000						500,000
			0						0
			0						0
			0						0
Total Funds	1,000,000	1,000,000	2,000,000	350,000	350,000	350,000	350,000	350,000	3,750,000

Est. Annual Debt Service Cost
$41,850

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

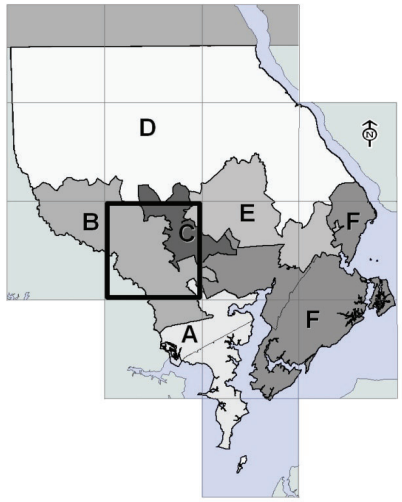
Expended	69,862
Encumbered	0
Total	$69,862

PROJECT: Tollgate Landfill Gas System **SOLID WASTE**

COUNCIL DISTRICT: C **LOCATION: Bel Air, MD** **D065601**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to upgrade the system operating controls, evaluate and install energy recovery systems, and replace the existing flare with appropriately sized units. This upgrade is required to ensure continued operation of the landfill gas control system and protect life and property



PROJECT SCHEDULE:

$1,346 in paygo funds reallocated to the Solid Waste Facilities Repair Program

PROJECT STATUS:

This project will be closed and will be removed from the Capital Improvement Program following completion of audit in July, 2020.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	884,679	(1,346)	883,333						883,333
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,034,679	(1,346)	1,033,333	0	0	0	0	0	1,033,333
FUNDING SCHEDULE									
R7100 Prior Bonds	650,000		650,000						650,000
R8089 Reappropriated Paygo	34,679		34,679						34,679
R8750 Paygo	350,000		350,000						350,000
R8750 Prior Paygo		(1,346)	(1,346)						(1,346)
			0						0
			0						0
Total Funds	1,034,679	(1,346)	1,033,333	0	0	0	0	0	1,033,333

Est. Annual Debt Service Cost
$18,135

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

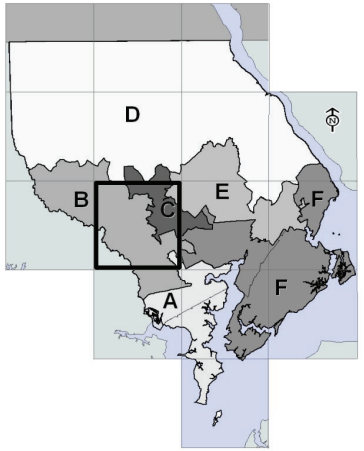
Expended	1,033,333
Encumbered	0
Total	$1,033,333

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:

Reallocating $500,000 in Prior Bond funding to Solid Waste Facilities Repair Program capital project.

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			0						0
Land Acquisition			0						0
Construction	975,081	(500,000)	475,081						475,081
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	975,081		475,081	0	0	0	0	0	475,081
FUNDING SCHEDULE									
R8089 Reappropriated Paygo	25,767		25,767						25,767
R7100 Prior Bonds	949,314	(500,000)	449,314						449,314
			0						0
			0						0
			0						0
			0						0
Total Funds	975,081	(500,000)	475,081	0	0	0	0	0	475,081

Est. Annual Debt Service Cost
$12,536

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	27,831
Encumbered	0
Total	$27,831

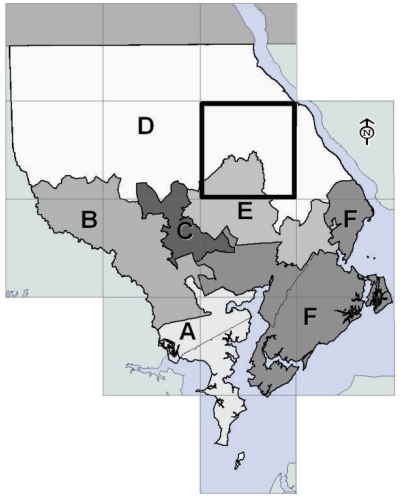
OPEN/ACTIVE PROJECTS

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:

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			0						0
Land Acquisition			0						0
Construction	525,000		525,000						525,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	525,000	0	525,000	0	0	0	0	0	525,000
FUNDING SCHEDULE									
R7100 Prior Bonds	525,000		525,000						525,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	525,000	0	525,000	0	0	0	0	0	525,000

Est. Annual Debt Service Cost
$14,648

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

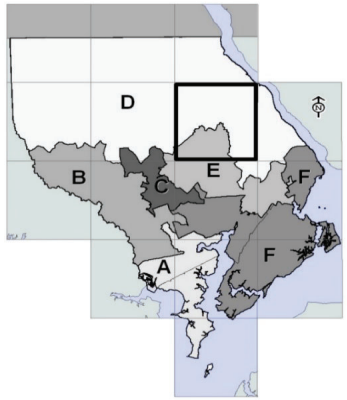
Expended	36,689
Encumbered	0
Total	$36,689

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.



PROJECT SCHEDULE:

PROJECT STATUS:

For FY 21 pavement upgrades will now be included in the Solid Waste Facilities Repair Program capital project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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									
R8089 Reappropriated Paygo	199,857		199,857						199,857
R8750 Paygo	600,143		600,143						600,143
			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 3/1/20:

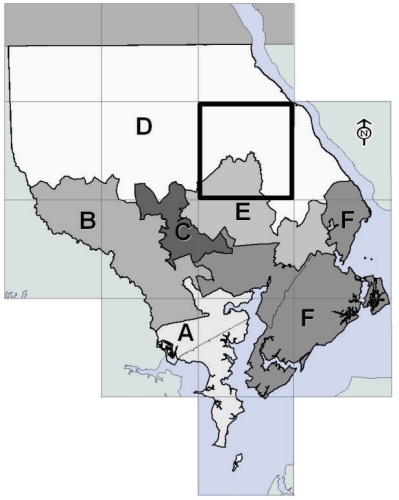
Expended	359,131
Encumbered	0
Total	$359,131

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/20:

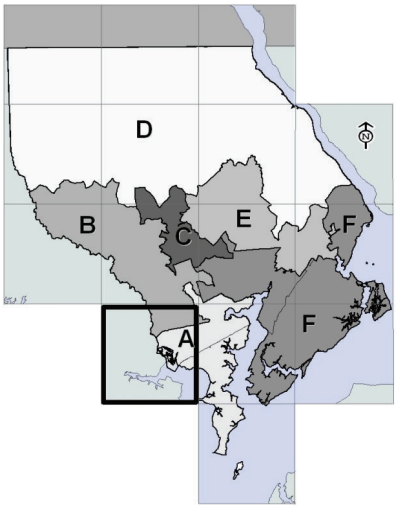
Expended	23,014
Encumbered	0
Total	$23,014

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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	8,163,753
FUNDING SCHEDULE									
R8089 Reappropriated Paygo	803,753		803,753						803,753
R8750 Paygo	7,360,000		7,360,000						7,360,000
			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 3/1/20:

Expended	3,140,496
Encumbered	74,363
Total	$3,214,859

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PARKS & RECREATION FUND								
FY 21 Funded Projects:								
ADA Improvements	710,000	370,000	25,000	0	75,000	0	100,000	140,000
Athletic Field Improvements	32,550,000	15,050,000	5,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Canoe and Kayak Water Access	1,855,000	880,000	400,000	0	0	325,000	0	250,000
Eden Mill Park Rehabilitation	1,355,000	1,155,000	100,000	0	0	100,000	0	0
Emily Bayless Graham Park	4,295,000	2,575,000	470,000	500,000	0	250,000	0	500,000
Emmorton Recreation and Tennis Center Improvements	2,185,000	1,735,000	50,000	0	0	0	0	400,000
Equestrian Center Improvements	975,000	475,000	100,000	0	0	100,000	0	300,000
Facility Renovations	1,009,000	425,000	34,000	100,000	100,000	100,000	100,000	150,000
Flying Point Park Improvements	1,203,000	403,000	650,000	0	0	0	0	150,000
Gymnasium Floor Repair and Renovation	360,000	185,000	25,000	0	50,000	0	50,000	50,000
Jarrettsville Recreation Complex/Center	7,410,775	510,775	200,000	0	6,500,000	200,000	0	0
Mariner Point Park Renovations	736,000	636,000	100,000	0	0	0	0	0
Nuttal Avenue Park Development	650,000	500,000	150,000	0	0	0	0	0
Park Improvements	405,000	130,000	25,000	50,000	50,000	50,000	50,000	50,000
Parkland Acquisition	17,461,000	11,236,000	525,000	1,025,000	1,025,000	1,025,000	1,025,000	1,600,000
Perryman Park Development	1,270,000	0	120,000	500,000	500,000	0	0	150,000
Playground Equipment	4,070,000	2,605,000	250,000	225,000	175,000	175,000	240,000	400,000
Rockfield Park Improvements	470,000	170,000	100,000	0	100,000	0	0	100,000
Swan Harbor Farm Improvements	1,014,000	689,000	75,000	50,000	50,000	50,000	50,000	50,000
Tennis/Multipurpose Courts	2,040,000	1,290,000	100,000	100,000	100,000	150,000	150,000	150,000
Trails and Linear Parks	17,200,000	15,600,000	1,600,000	0	0	0	0	0
Outyear Projects								
Aberdeen Activity Center	9,000,000	0	0	500,000	8,000,000	500,000	0	0
Backstop Renovations	485,000	270,000	0	50,000	50,000	0	50,000	65,000
Benson Field Development	1,100,000	0	0	100,000	0	1,000,000	0	0
Blakes Venture Park	1,100,000	0	0	100,000	0	0	1,000,000	0
Bleacher Renovations	650,000	490,000	0	0	80,000	0	80,000	0
Bulkhead Renovations	555,000	0	0	40,000	0	515,000	0	0
Churchville Center Renovations	1,175,000	575,000	0	100,000	0	500,000	0	0
Darlington Park Development	2,010,000	1,985,000	0	0	0	0	25,000	0
Debris/Derelict Boats	200,000	100,000	0	0	0	0	0	100,000
Disc Golf Course	100,000	50,000	0	0	0	0	50,000	0
Dog Park Construction and Improvements	320,000	90,000	0	50,000	0	90,000	90,000	0
Edgeley Grove Farm	190,000	140,000	0	0	0	0	50,000	0
Edgewood Recreation Park	650,000	50,000	0	0	100,000	500,000	0	0
Enlarged Gymnasiums and Joint Facilities	1,800,000	1,200,000	0	0	0	600,000	0	0
Graybeal Fields	125,000	0	0	125,000	0	0	0	0
Gunpowder River Dredging	2,334,000	2,234,000	0	0	0	0	0	100,000
Heavenly Waters Park - Soma	725,000	100,000	0	100,000	0	0	525,000	0
Joppa/Joppatowne Youth/Senior Center	7,300,000	0	0	0	500,000	6,500,000	300,000	0
Mariner Point Park - DMP Site Remediation	1,100,000	100,000	0	1,000,000	0	0	0	0
Norrisville Park	1,275,000	125,000	0	0	600,000	0	550,000	0
Northern Regional Park	2,325,000	575,000	0	0	250,000	1,500,000	0	0
Oakington Peninsula Heritage Trail	200,000	0	0	0	100,000	0	100,000	0
Parking Lot Paving	1,429,000	954,000	0	0	150,000	150,000	0	175,000
Prospect Mill Park	780,000	0	0	100,000	500,000	0	0	180,000
Robert Copenhaver Park Improvements	550,000	300,000	0	0	250,000	0	0	0
Rock Glenn Park	1,450,000	1,300,000	0	0	0	0	0	150,000
SWM Pond Repair and Renovation	980,000	710,000	0	0	120,000	0	150,000	0
Tollgate Woodshop	85,000	40,000	0	0	0	0	0	45,000
Vale Road Park	1,250,000	0	0	100,000	1,000,000	0	0	150,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PARKS & RECREATION FUND								
Open Projects								
Anita C. Leight Center Improvements	1,005,000	1,005,000	0	0	0	0	0	0
Bush River Dredging and DMP Site	990,000	990,000	0	0	0	0	0	0
Cedar Lane Sports Complex Improvements	2,461,000	2,461,000	0	0	0	0	0	0
Churchville Complex Development	8,556,830	8,556,830	0	0	0	0	0	0
Demarco Memorial Park Improvements	40,000	40,000	0	0	0	0	0	0
Edgewood Recreation and Community Center	225,000	225,000	0	0	0	0	0	0
Facility Renovations	1,205,000	1,205,000	0	0	0	0	0	0
Forest Hill Recreation Complex Improvements	800,000	800,000	0	0	0	0	0	0
Fox Meadow Park Improvements	450,000	450,000	0	0	0	0	0	0
Francis Silver Park Improvements	425,000	425,000	0	0	0	0	0	0
Heavenly Waters Park	2,120,000	2,120,000	0	0	0	0	0	0
Indoor Recreation Facility - Forest Hill/Hickory	1,474,000	1,474,000	0	0	0	0	0	0
Otter Point Creek Boat Launch	560,000	560,000	0	0	0	0	0	0
Schucks Road Regional Complex	8,110,415	8,110,415	0	0	0	0	0	0
Tudor Hall Rehabilitation	610,000	610,000	0	0	0	0	0	0
Parks & Rec Total by Project	169,499,020	97,040,020	10,099,000	7,415,000	22,925,000	16,880,000	7,235,000	7,905,000
Paygo	4,651,322	4,651,322	0	0	0	0	0	0
Paygo - Parks and Recreation Fund	375,000	0	125,000	50,000	50,000	50,000	50,000	50,000
Future Bonds	42,800,000	0	6,700,000	3,000,000	17,000,000	10,800,000	2,800,000	2,500,000
Prior Bonds	27,506,830	27,506,830	0	0	0	0	0	0
Reappropriated	6,082,735	6,082,735	0	0	0	0	0	0
Recordation Tax	32,903,633	19,817,133	1,371,500	1,830,000	2,815,000	2,590,000	2,210,000	2,270,000
State	7,506,000	4,851,000	250,000	1,040,000	500,000	515,000	0	350,000
Program Open Space	28,368,500	16,696,000	1,352,500	1,150,000	2,375,000	2,800,000	2,065,000	1,930,000
Federal	7,235,000	7,235,000	0	0	0	0	0	0
Developer	10,250,000	10,200,000	0	50,000	0	0	0	0
Other	1,820,000	0	300,000	295,000	185,000	125,000	110,000	805,000
Parks & Rec Total by Fund	169,499,020	97,040,020	10,099,000	7,415,000	22,925,000	16,880,000	7,235,000	7,905,000
TOTAL PARKS & RECREATION CAPITAL	**169,499,020**	**97,040,020**	**10,099,000**	**7,415,000**	**22,925,000**	**16,880,000**	**7,235,000**	**7,905,000**

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
PARKS & RECREATION FUND														
PARKS & RECREATION														
ADA Improvements	25,000	0	0	0	0		0	0	0	0	0	0	0	25,000
Athletic Field Improvements	5,000,000	0	0	0	5,000,000		0	0	0	0	0	0	0	0
Canoe and Kayak Water Access	400,000	0	0	0	0		0	0	0	150,000	150,000	0	0	100,000
Eden Mill Park Rehabilitation	100,000	0	0	0	0		0	0	0	50,000	0	0	0	50,000
Emily Bayless Graham Park	470,000	0	0	0	0		0	0	0	147,500	0	322,500	0	0
Emmorton Recreation and Tennis Center Improvements *	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
Equestrian Center Improvements	100,000	0	0	0	0		0	0	0	100,000	0	0	0	0
Facility Renovations	34,000	0	0	0	0		0	0	0	34,000	0	0	0	0
Flying Point Park Improvements	650,000	0	0	0	0		0	0	0	250,000	0	400,000	0	0
Gymnasium Floor Repair and Renovation	25,000	0	0	0	0		0	0	0	0	0	0	0	25,000
Jarrettsville Recreation Complex/Center	200,000	0	0	0	200,000		0	0	0	0	0	0	0	0
Mariner Point Park Renovations	100,000	0	0	0	0		0	0	0	100,000	0	0	0	0
Nuttal Avenue Park Development	150,000	0	0	0	0		0	0	0	120,000	0	30,000	0	0
Park Improvements	25,000	0	0	0	0		0	0	0	25,000	0	0	0	0
Parkland Acquisition	525,000	0	0	0	0		0	0	0	25,000	0	500,000	0	0
Perryman Park Development	120,000	0	0	0	0		0	0	0	120,000	0	0	0	0
Playground Equipment	250,000	0	0	0	0		0	0	0	150,000	0	25,000	0	75,000
Rockfield Park Improvements	100,000	0	0	0	0		0	0	0	0	0	75,000	0	25,000
Swan Harbor Farm Improvements*	75,000	0	75,000	0	0		0	0	0	0	0	0	0	0
Tennis/Multipurpose Courts	100,000	0	0	0	0		0	0	0	100,000	0	0	0	0
Trails and Linear Parks	1,600,000	0	0	0	1,500,000		0	0	0	0	100,000	0	0	0
**Parks & Recreation Special Revenue Paygo*														
TOTAL PARKS & RECREATION CAPITAL	10,099,000	0	125,000	0	6,700,000	0	0	0	0	1,371,500	250,000	1,352,500	0	300,000

PROJECT: ADA Improvements **PARKS AND RECREATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **P144120**

PROJECT DESCRIPTION / JUSTIFICATION:

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

FY20: Engineering & Construction
FY21: Construction

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			0				25,000		25,000
Land Acquisition			0						0
Construction	370,000	25,000	395,000		75,000		75,000	140,000	685,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	370,000	25,000	395,000	0	75,000	0	100,000	140,000	710,000
FUNDING SCHEDULE									
R1515 Recordation Tax	300,000		300,000		50,000		75,000	100,000	525,000
R6999 Other	70,000	25,000	95,000		25,000		25,000	40,000	185,000
			0						0
			0						0
			0						0
			0						0
Total Funds	370,000	25,000	395,000	0	75,000	0	100,000	140,000	710,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	257,851
Encumbered	0
Total	$257,851

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 2021 funds will be utilized for replacement of the synthetic turf fields at Bel Air High School and Cedar Lane Park. The joint use agreement between Parks andRecreation 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 parksand 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 21: Bel Air High School - Synthetic Field Replacement
FY 21: Cedar Lane Park - Field 12 Synthetic Field Replacement
FY 21: Cedar Lane Park - Field 13 Synthetic Field Construction

PROJECT STATUS:

Construction of the Patterson Mill field was completed in November 2019.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	825,000	100,000	925,000						925,000
Land Acquisition			0						0
Construction	13,855,000	4,900,000	18,755,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	31,255,000
Inspection Fees	370,000		370,000						370,000
Equipment/Furnishing			0						0
Total Cost	15,050,000	5,000,000	20,050,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,550,000
FUNDING SCHEDULE									
R1515 Recordation Tax	1,100,000		1,100,000						1,100,000
R6999 Other	800,000		800,000						800,000
R7000 Future Bonds		5,000,000	5,000,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	17,500,000
R7100 Prior Bonds	12,900,000		12,900,000						12,900,000
R8092 Reappropriated Recordation Tax	250,000		250,000						250,000
			0						0
Total Funds	15,050,000	5,000,000	20,050,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,550,000

Est. Annual Debt Service Cost
$499,410

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	13,834,533
Encumbered	189,015
Total	$14,023,548

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. FY 19 funding will be 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:

The Deer Creek water trail feasibility study is complete.

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	200,000		200,000					50,000	250,000
Land Acquisition			0						0
Construction	640,000	400,000	1,040,000			325,000		200,000	1,565,000
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	880,000	400,000	1,280,000	0	0	325,000	0	250,000	1,855,000
FUNDING SCHEDULE									
R6999 Other	200,000	100,000	300,000			100,000			400,000
R1515 Recordation Tax	380,000	150,000	530,000			225,000		100,000	855,000
R3399 State Other	200,000	150,000	350,000					150,000	500,000
R8092 Reappropriated Recordation Tax	100,000		100,000						100,000
			0						0
			0						0
Total Funds	880,000	400,000	1,280,000	0	0	325,000	0	250,000	1,855,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

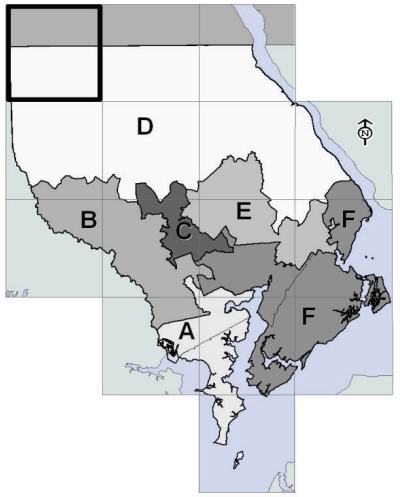
Expended	478,658
Encumbered	56,534
Total	$535,192

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:

FY 19: Installation of a fire alarm system in the Mill.
FY 19: Upgrade of the electrical panel at the Mill.
FY 19: Assessment of the dam for a deflector for the gate.

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	50,000		50,000						50,000
Land Acquisition			0						0
Construction	1,055,000	100,000	1,155,000			100,000			1,255,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost	1,155,000	100,000	1,255,000	0	0	100,000	0	0	1,355,000
FUNDING SCHEDULE									
R6999 Other	250,000	50,000	300,000						300,000
R8092 Reappropriated Recordation Tax	600,000		600,000						600,000
R1515 Recordation Tax	305,000	50,000	355,000			100,000			455,000
			0						0
			0						0
			0						0
Total Funds	1,155,000	100,000	1,255,000	0	0	100,000	0	0	1,355,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

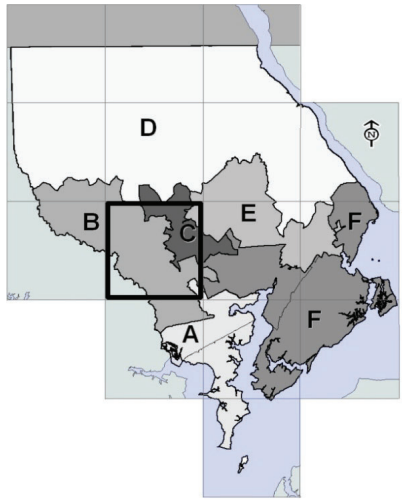
Expended	715,703
Encumbered	21,487
Total	$737,190

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	495,000		495,000						495,000
Land Acquisition			0						0
Construction	2,020,000	470,000	2,490,000	500,000		250,000		500,000	3,740,000
Inspection Fees	60,000		60,000						60,000
Equipment/Furnishing			0						0
Total Cost	2,575,000	470,000	3,045,000	500,000	0	250,000	0	500,000	4,295,000
FUNDING SCHEDULE									
R6999 Other	1,175,000		1,175,000	250,000				500,000	1,925,000
R8092 Reappropriated Recordation Tax	250,000		250,000						250,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax	400,000	147,500	547,500	250,000		250,000			1,047,500
R3380 Program Open Space	600,000	322,500	922,500						922,500
R8753 Paygo Hotel Tax			0						0
Total Funds	2,575,000	470,000	3,045,000	500,000	0	250,000	0	500,000	4,295,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	1,453,538
Encumbered	940
Total	$1,454,478

PROJECT: Emmorton Recreation and Tennis Center Improvements

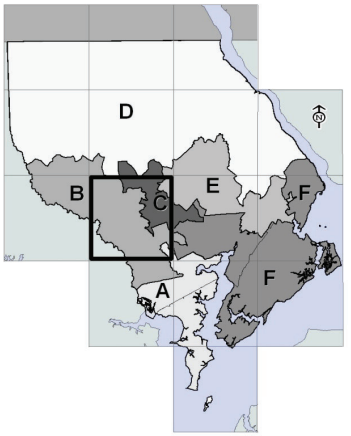
PARKS AND RECREATION

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 21 - Improvements to the Activity Center.

PROJECT STATUS:

Installation of the new HVAC in the gymnasium and batting cage is complete
Roof replacement is complete

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	25,000		25,000						25,000
Land Acquisition			0						0
Construction	1,674,000	50,000	1,724,000					400,000	2,124,000
Inspection Fees	36,000		36,000						36,000
Equipment/Furnishing			0						0
Total Cost	1,735,000	50,000	1,785,000	0	0	0	0	400,000	2,185,000
FUNDING SCHEDULE									
R6330 Developer	139,500		139,500						139,500
R6999 Other	230,500		230,500						230,500
R1515 Recordation Tax	840,000		840,000					250,000	1,090,000
R3380 Program Open Space	200,000		200,000					150,000	350,000
R8092 Reappropriated Recordation Tax	275,000		275,000						275,000
R7000 Future Bonds			0						0
R8750 Paygo - P&R Special Rev	50,000	50,000	100,000						100,000
Total Funds	1,735,000	50,000	1,785,000	0	0	0	0	400,000	2,185,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

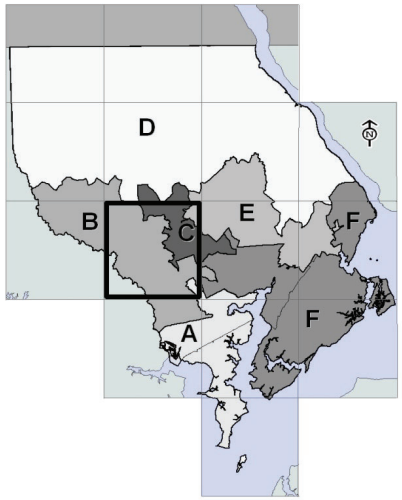
Expended	1,253,060
Encumbered	138,117
Total	$1,391,177

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:

Electrical improvements to the riding rings and some pavilions are complete

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		50,000	50,000						50,000
Land Acquisition			0						0
Construction	461,000	50,000	511,000			100,000		300,000	911,000
Inspection Fees	14,000		14,000						14,000
Equipment/Furnishing			0						0
Total Cost	475,000	100,000	575,000	0	0	100,000	0	300,000	975,000
FUNDING SCHEDULE									
R8092 Reappropriated Recordation Tax	150,000		150,000						150,000
R6999 Other	125,000		125,000					150,000	275,000
R8750 Paygo	150,000		150,000						150,000
R1515 Recordation Tax	50,000	100,000	150,000			100,000		150,000	400,000
			0						0
			0						0
Total Funds	475,000	100,000	575,000	0	0	100,000	0	300,000	975,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	309,068
Encumbered	0
Total	$309,068

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 21: Construction - including park sign replacement as funding is available

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			0						0
Land Acquisition			0						0
Construction	415,000	34,000	449,000	100,000	100,000	100,000	100,000	150,000	999,000
Inspection Fees	10,000		10,000						10,000
Equipment/Furnishing			0						0
Total Cost	425,000	34,000	459,000	100,000	100,000	100,000	100,000	150,000	1,009,000
FUNDING SCHEDULE									
R1515 Recordation Tax	325,000	34,000	359,000	100,000	100,000	100,000	100,000	150,000	909,000
R6999 Other	100,000		100,000						100,000
			0						0
			0						0
			0						0
Total Funds	425,000	34,000	459,000	100,000	100,000	100,000	100,000	150,000	1,009,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

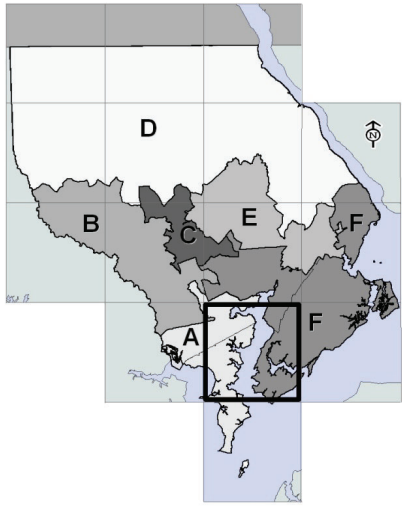
Expended	141,468
Encumbered	31,309
Total	$172,777

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:

FY 21 - Renovations to the office/storage/bathroom building

PROJECT STATUS:

Renovation of the west fishing pier is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	10,000	50,000	60,000						60,000
Land Acquisition			0						0
Construction	379,000	600,000	979,000					150,000	1,129,000
Inspection Fees	14,000		14,000						14,000
Equipment/Furnishing			0						0
Total Cost	403,000	650,000	1,053,000	0	0	0	0	150,000	1,203,000
FUNDING SCHEDULE									
R1515 Recordation Tax	205,000		205,000					150,000	355,000
R3399 State Other	198,000		198,000						198,000
R3380 Program Open Space		400,000	400,000						400,000
R1515 Recordation Tax		250,000	250,000						250,000
			0						0
			0						0
Total Funds	403,000	650,000	1,053,000	0	0	0	0	150,000	1,203,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	403,000
Encumbered	0
Total	$403,000

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:

FY 21 - Repairs and improvement to the gym floor at the Norrisville Activity Center

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	185,000	25,000	210,000		50,000		50,000	50,000	360,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	185,000	25,000	210,000	0	50,000	0	50,000	50,000	360,000
FUNDING SCHEDULE									
R1515 Recordation Tax	115,000		115,000		25,000		25,000	25,000	190,000
R6999 Other	70,000	25,000	95,000		25,000		25,000	25,000	170,000
			0						0
			0						0
			0						0
			0						0
Total Funds	185,000	25,000	210,000	0	50,000	0	50,000	50,000	360,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

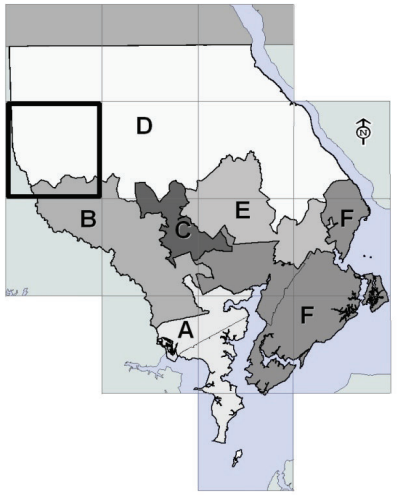
Expended	40,147
Encumbered	0
Total	$40,147

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	510,775	200,000	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	510,775	200,000	710,775	0	6,500,000	200,000	0	0	7,410,775
FUNDING SCHEDULE									
R8750 Paygo	425,000		425,000						425,000
R7000 Future Bonds		200,000	200,000		6,500,000	200,000			6,900,000
R8092 Reappropriated Recordation Tax	85,775		85,775						85,775
			0						0
			0						0
Total Funds	510,775	200,000	710,775	0	6,500,000	200,000	0	0	7,410,775

Est. Annual Debt Service Cost
$5,580

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

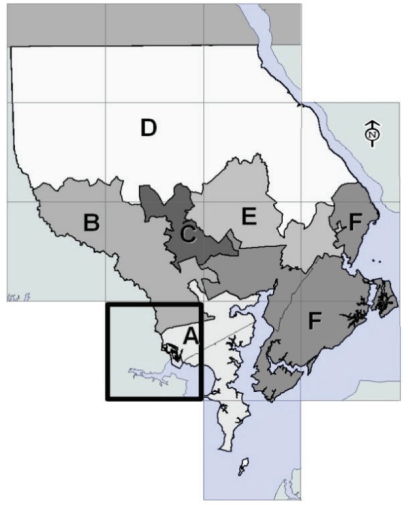
Expended	222,369
Encumbered	3,458
Total	$225,827

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:

Construction of the canoe/kayak launch is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	590,000	100,000	690,000						690,000
Inspection Fees	46,000		46,000						46,000
Equipment/Furnishing			0						0
Total Cost	636,000	100,000	736,000	0	0	0	0	0	736,000
FUNDING SCHEDULE									
R1515 Recordation Tax	212,000	100,000	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	636,000	100,000	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 3/1/20:

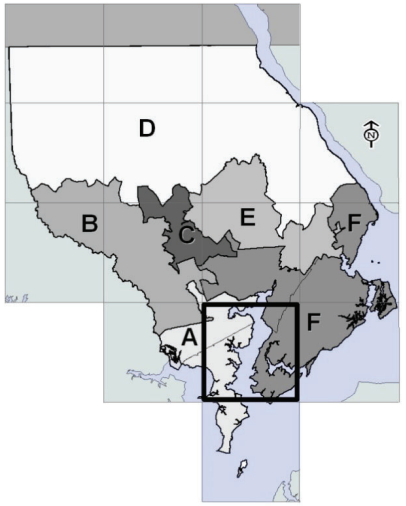
Expended	161,644
Encumbered	500
Total	$162,144

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	400,000	150,000	550,000						550,000
Inspection Fees	25,000		25,000						25,000
Equipment/Furnishing			0						0
Total Cost	500,000	150,000	650,000	0	0	0	0	0	650,000
FUNDING SCHEDULE									
R1515 Recordation Tax	100,000	120,000	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	500,000	150,000	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 3/1/20:

Expended	65,758
Encumbered	30,458
Total	$96,216

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 2020 - FY 2025 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 21 - FY 26: Construction

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			0						0
Land Acquisition			0						0
Construction	130,000	25,000	155,000	50,000	50,000	50,000	50,000	50,000	405,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	130,000	25,000	155,000	50,000	50,000	50,000	50,000	50,000	405,000
FUNDING SCHEDULE									
R1515 Recordation Tax	100,000	25,000	125,000	50,000	50,000	50,000	50,000	50,000	375,000
R6330 Developer	30,000		30,000						30,000
			0						0
			0						0
			0						0
			0						0
Total Funds	130,000	25,000	155,000	50,000	50,000	50,000	50,000	50,000	405,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	50,403
Encumbered	0
Total	$50,403

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 21 - Property acquisition

PROJECT STATUS:

A portion of the requested funding for FY 21 will be used for the 2022 Land Preservation, Parks, and Recreation Plan.

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	50,000	25,000	75,000	25,000	25,000	25,000	25,000	100,000	275,000
Land Acquisition	11,106,000	500,000	11,606,000	1,000,000	1,000,000	1,000,000	1,000,000	1,500,000	17,106,000
Construction			0						0
Inspection Fees	80,000		80,000						80,000
Equipment/Furnishing			0						0
Total Cost	11,236,000	525,000	11,761,000	1,025,000	1,025,000	1,025,000	1,025,000	1,600,000	17,461,000
FUNDING SCHEDULE									
R1515 Recordation Tax	590,000	25,000	615,000	75,000	75,000	75,000	75,000	100,000	1,015,000
R3380 Program Open Space	10,421,000	500,000	10,921,000	950,000	950,000	950,000	950,000	1,500,000	16,221,000
R8092 Reappropriated Recordation Tax	225,000		225,000						225,000
			0						0
			0						0
			0						0
Total Funds	11,236,000	525,000	11,761,000	1,025,000	1,025,000	1,025,000	1,025,000	1,600,000	17,461,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

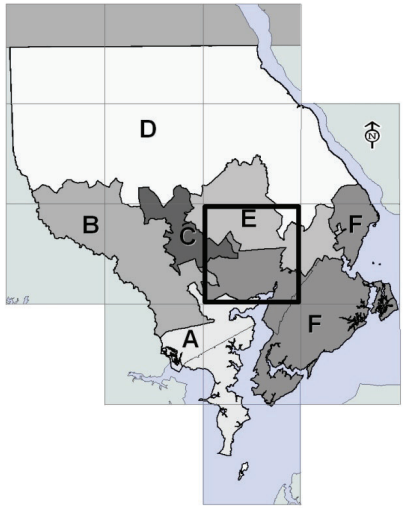
Expended	2,270,349
Encumbered	0
Total	$2,270,349

PROJECT: Perryman Park Development **PARKS AND RECREATION**

COUNCIL DISTRICT: F **LOCATION: Perryman** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the further development of Perryman Park. The park currently has a dredged material placement site with a walking trail. Future development of the site would include fields, additional parking, and other amenities on the area south of the DMP site to serve the Belcamp Recreation Council. 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: Engineering
FY22: Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	0	120,000	120,000	500,000	500,000	0	0	150,000	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
			0						0
Total Funds	0	120,000	120,000	500,000	500,000	0	0	150,000	1,270,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	
Encumbered	
Total	$0

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 21 - FY 26: 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	35,000	25,000	60,000	7,500	7,500	7,500	7,500	40,000	130,000
Land Acquisition			0						0
Construction	2,540,000	225,000	2,765,000	217,500	167,500	167,500	232,500	360,000	3,910,000
Inspection Fees	30,000		30,000						30,000
Equipment/Furnishing			0						0
Total Cost	2,605,000	250,000	2,855,000	225,000	175,000	175,000	240,000	400,000	4,070,000
FUNDING SCHEDULE									
R1515 Recordation Tax	1,316,000	150,000	1,466,000	150,000	150,000	150,000	150,000	200,000	2,266,000
R6330 Developer	515,000	50,000	565,000	50,000					615,000
R6999 Other	115,000	25,000	140,000	25,000	25,000	25,000			215,000
R3380 Program Open Space	559,000	25,000	584,000				90,000	200,000	874,000
R8092 Reappropriated Recordation Tax	100,000		100,000						100,000
			0						0
Total Funds	2,605,000	250,000	2,855,000	225,000	175,000	175,000	240,000	400,000	4,070,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

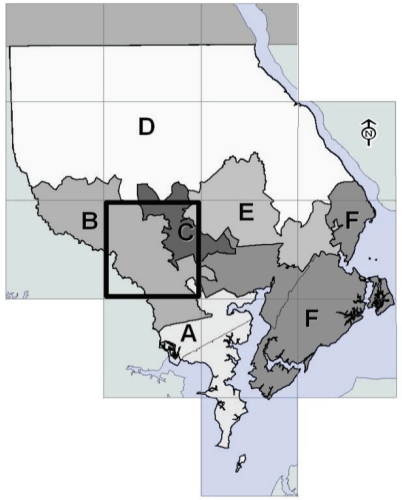
Expended	1,244,612
Encumbered	0
Total	$1,244,612

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 indentified 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	170,000	100,000	270,000		100,000			100,000	470,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	170,000	100,000	270,000	0	100,000	0	0	100,000	470,000
FUNDING SCHEDULE									
R1515 Recordation Tax	85,000		85,000		50,000			50,000	185,000
R6999 Other	85,000	25,000	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	170,000	100,000	270,000	0	100,000	0	0	100,000	470,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

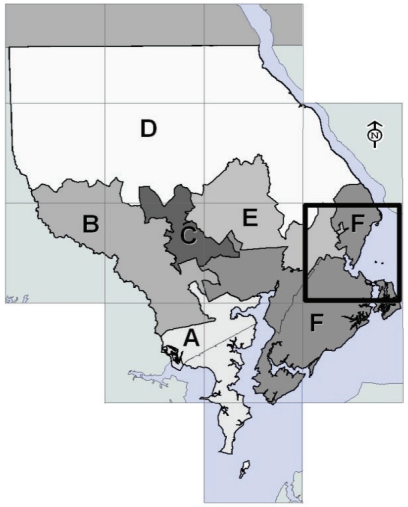
Expended	61,272
Encumbered	0
Total	$61,272

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 21 - Repainting and chimney repair on the main farmhouse

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	589,000	75,000	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	689,000	75,000	764,000	50,000	50,000	50,000	50,000	50,000	1,014,000
FUNDING SCHEDULE									
R8750 Paygo - Parks & Rec Fund	580,000	75,000	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	689,000	75,000	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 3/1/20:

Expended	440,657
Encumbered	0
Total	$440,657

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 20: Construction

PROJECT STATUS:

Repairs have occurred at several school and park sites throughout the County.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	1,290,000	100,000	1,390,000	100,000	100,000	150,000	150,000	150,000	2,040,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	1,290,000	100,000	1,390,000	100,000	100,000	150,000	150,000	150,000	2,040,000
FUNDING SCHEDULE									
R1515 Recordation Tax	940,255	100,000	1,040,255	100,000	100,000	150,000	150,000	150,000	1,690,255
R8092 Reappropriated Recordation Tax	199,745		199,745						199,745
R3380 Program Open Space	150,000		150,000						150,000
			0						0
			0						0
			0						0
Total Funds	1,290,000	100,000	1,390,000	100,000	100,000	150,000	150,000	150,000	2,040,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	999,943
Encumbered	29,848
Total	$1,029,791

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 18: Engineering for Ma & Pa trail connection from Williams Street to Blake's Venture Park
FY 19- FY 21: Construction of the Ma & Pa trail connection from Williams Street to Blake's Venture Park

PROJECT STATUS:

Construction of segment 1 of the Ma & Pa Connector Trail is complete
Construction of segment 2 of the Ma & Pa Connector Trail is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	245,000		245,000						245,000
Land Acquisition	55,000		55,000						55,000
Construction	14,700,000	1,600,000	16,300,000						16,300,000
Inspection Fees	600,000		600,000						600,000
Equipment/Furnishing			0						0
Total Cost	15,600,000	1,600,000	17,200,000	0	0		0		17,200,000

FUNDING SCHEDULE

R1515 Recordation Tax	1,325,000		1,325,000						1,325,000
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	2,500,000		2,500,000						2,500,000
R3380 Program Open Space	700,000		700,000						700,000
R7000 Future Bonds	0	1,500,000	1,500,000						1,500,000
R3399 State Other	0	100,000	100,000						100,000
Total Funds	15,600,000	1,600,000	17,200,000	0	0	0	0	0	17,200,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
	X		

Financial Activity as of 3/1/20:

Expended	1,420,947
Encumbered	219,343
Total	$1,640,290

OUTYEAR PROJECTS

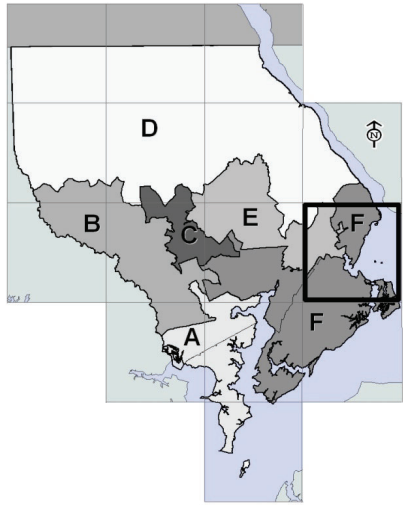
FY 22 - FY 26

PROJECT: Aberdeen Activity Center **PARKS AND RECREATION**

COUNCIL DISTRICT: E **LOCATION: Aberdeen** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide a multi-purpose center to serve leisure needs for all ages in the Aberdeen community. 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 2021 with construction beginning in FY 2022. 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0	500,000					500,000
Land Acquisition			0						0
Construction					8,000,000				8,000,000
Inspection Fees									0
Equipment/Furnishing			0			500,000			500,000
Total Cost	0	0	0	500,000	8,000,000	500,000	0	0	9,000,000
FUNDING SCHEDULE									
R7000 Future Bonds			0	500,000	7,500,000	500,000			8,500,000
R3399 State Other					500,000				500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	500,000	8,000,000	500,000	0	0	9,000,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

PROJECT: Backstop Renovations **PARKS AND RECREATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **P124119**

PROJECT DESCRIPTION / JUSTIFICATION:

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

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			0						0
Land Acquisition			0						0
Construction	270,000		270,000	50,000	50,000		50,000	65,000	485,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	270,000	0	270,000	50,000	50,000	0	50,000	65,000	485,000
FUNDING SCHEDULE									
R1515 Recordation Tax	155,000		155,000	30,000	30,000		30,000	40,000	285,000
R6999 Other	115,000		115,000	20,000	20,000		20,000	25,000	200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	270,000	0	270,000	50,000	50,000	0	50,000	65,000	485,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

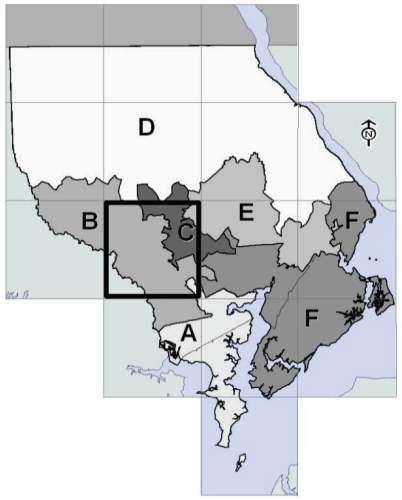
Expended	23,941
Encumbered	0
Total	$23,941

PROJECT: Benson Field Development **PARKS AND RECREATION**

COUNCIL DISTRICT: B **LOCATION: Benson** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT STATUS:

This project is not yet funded.

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			0	100,000					100,000
Land Acquisition			0						0
Construction			0			1,000,000			1,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	100,000	0	1,000,000	0	0	1,100,000
FUNDING SCHEDULE									
R1515 Recordation Tax			0	100,000		500,000			600,000
R3380 Program Open Space			0			500,000			500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	100,000	0	1,000,000	0	0	1,100,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

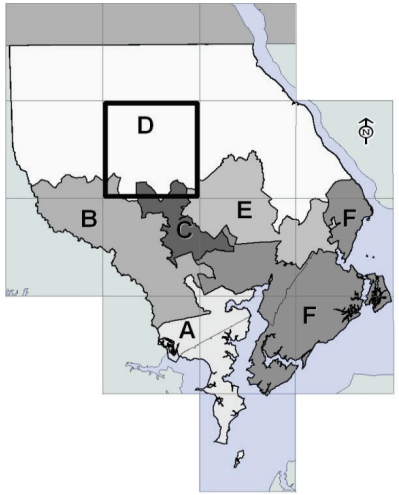
Expended	
Encumbered	
Total	$0

PROJECT: 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 22 - Engineering and Design
FY 25 - Construction

PROJECT STATUS:

This project is not yet funded.

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			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	100,000	0	0	1,000,000	0	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
			0						0
Total Funds	0	0	0	100,000	0	0	1,000,000	0	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 21 - FY 25: 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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	0	80,000	0	80,000	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	0	80,000	0	80,000	0	650,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

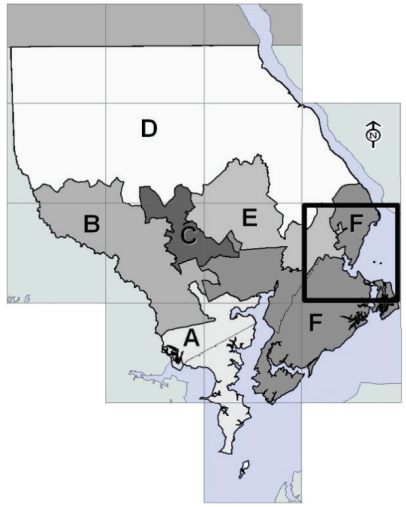
Expended	155,697
Encumbered	0
Total	$155,697

PROJECT: Bulkhead Renovations **PARKS AND RECREATION**

COUNCIL DISTRICT: F **LOCATION: Havre de Grace** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes funds for repairs and placement of sections of bulkhead at Tydings Island in Havre de Grace. The majority of the cost for this project will be paid by the Department of Natural Resources - Waterway Improvement Program. Future projects will be undertaken as needs arise. This project supports the goals and objectives of the 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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0	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	0	0	40,000	0	515,000	0	0	555,000
FUNDING SCHEDULE									
R3399 State Other				40,000		515,000			555,000
R1515 Recordation Tax			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	40,000	0	515,000	0	0	555,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

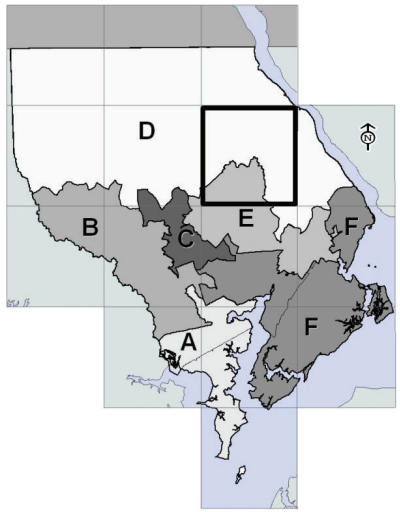
Expended	
Encumbered	
Total	$0

PROJECT: 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:

PROJECT STATUS:

Renovations to the existing HVAC are complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0	100,000					100,000
Land Acquisition			0						0
Construction	570,000		570,000			500,000			1,070,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	575,000	0	575,000	100,000	0	500,000	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
R8089 Reappropriated 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	0	500,000	0	0	1,175,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

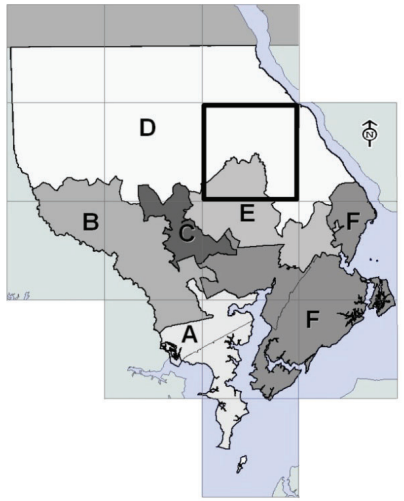
Expended	355,347
Encumbered	0
Total	$355,347

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:

FY20: Gazebo/pavilion construction

PROJECT STATUS:

The gazebo construction is underway.

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	140,000		140,000						140,000
Land Acquisition			0						0
Construction	1,800,000		1,800,000				25,000		1,825,000
Inspection Fees	45,000		45,000						45,000
Equipment/Furnishing			0						0
Total Cost	1,985,000	0	1,985,000	0	0	0	25,000	0	2,010,000
FUNDING SCHEDULE									
R1515 Recordation Tax	1,070,000		1,070,000				25,000		1,095,000
R8770 Reappropriated	125,000		125,000						125,000
R3380 Program Open Space	470,000		470,000						470,000
R8092 Reappropriated Recordation Tax	320,000		320,000						320,000
			0						0
			0						0
Total Funds	1,985,000	0	1,985,000	0	0	0	25,000	0	2,010,000

Est. Annual Debt Service Cost
$8,928

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,459,760
Encumbered	83,148
Total	$1,542,908

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	0	100,000	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	0	100,000	200,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

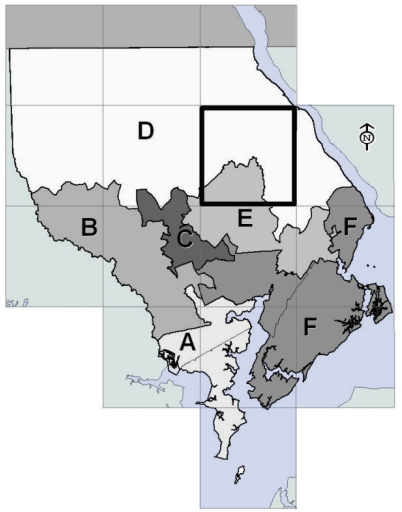
Expended	0
Encumbered	0
Total	$0

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	0	50,000	0	100,000
FUNDING SCHEDULE									
R1515 Recordation Tax	50,000		50,000				50,000		100,000
									0
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	0	0	0	50,000	0	100,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	46,791
Encumbered	0
Total	$46,791

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 20: Engineering and Improvements to Tollgate Dog Park

PROJECT STATUS:

Engineering for Tollgate Dog Park is underway

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	15,000		15,000			15,000	15,000		45,000
Land Acquisition			0						0
Construction	75,000		75,000	35,000		50,000	75,000		235,000
Inspection Fees			0						0
Equipment/Furnishing			0	15,000		25,000			40,000
Total Cost	90,000	0	90,000	50,000	0	90,000	90,000	0	320,000
FUNDING SCHEDULE									
R1515 Recordation Tax	17,200		17,200	50,000		90,000	90,000		247,200
R8027 Reappropriated Recordation Tax	72,800		72,800						72,800
			0						0
			0						0
			0						0
			0						0
Total Funds	90,000	0	90,000	50,000	0	90,000	90,000	0	320,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

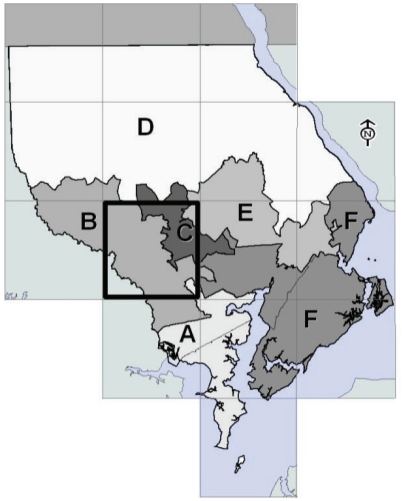
Expended	0
Encumbered	46,054
Total	$46,054

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:

FY 20 - Repairs and renovations to the barn storage building

PROJECT STATUS:

Repairs of the farmhouse are complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	5,000		5,000				50,000		55,000
Land Acquisition			0						0
Construction	130,000		130,000						130,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	140,000	0	140,000	0	0	0	50,000	0	190,000
FUNDING SCHEDULE									
R1515 Recordation Tax	140,000		140,000				50,000		190,000
R3140 Federal MAP-21			0						0
R3380 Program Open Space			0						0
R6330 Developer			0						0
R6999 Other			0						0
R8770 Reappropriated			0						0
Total Funds	140,000	0	140,000	0	0	0	50,000	0	190,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

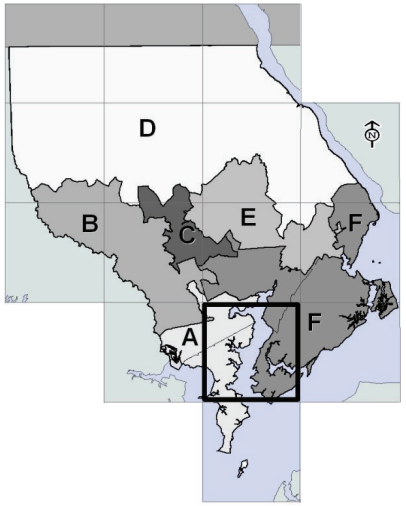
Expended	7,850
Encumbered	0
Total	$7,850

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:

FY 19: Repair of the pavilion roof at the park.

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			0		30,000				30,000
Land Acquisition			0						0
Construction	50,000		50,000		70,000	500,000			620,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	50,000	0	50,000	0	100,000	500,000	0	0	650,000
FUNDING SCHEDULE									
R1515 Recordation Tax	50,000		50,000		100,000	150,000			300,000
R3380 Program Open Space			0			350,000			350,000
			0						0
			0						0
			0						0
			0						0
Total Funds	50,000	0	50,000	0	100,000	500,000	0	0	650,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

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:

FY18: Construction of Havre de Grace Middle/High School
FY24: Homestead/Wakefield Elementary

PROJECT STATUS:

Havre de Grace Middle/High School is under construction.

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			0						0
Land Acquisition			0						0
Construction	1,200,000		1,200,000			600,000			1,800,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	1,200,000	0	1,200,000	0	0	600,000	0	0	1,800,000
FUNDING SCHEDULE									
R7100 Prior Bonds	1,200,000		1,200,000						1,200,000
R7000 Future Bonds			0			600,000			600,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,200,000	0	1,200,000	0	0	600,000	0	0	1,800,000

Est. Annual Debt Service Cost
$33,480

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

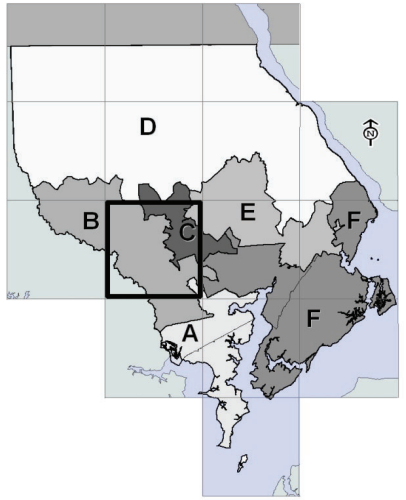
Expended	600,000
Encumbered	0
Total	$600,000

PROJECT: Graybeal Fields **PARKS AND RECREATION**

COUNCIL DISTRICT: C **LOCATION: Bel Air** **New**

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 22 - Storage facility construction

PROJECT STATUS:

This project is not yet funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0	125,000					125,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	125,000	0	0	0	0	125,000
FUNDING SCHEDULE									
R1515 Recordation Tax			0	125,000					125,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	125,000	0	0	0	0	125,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

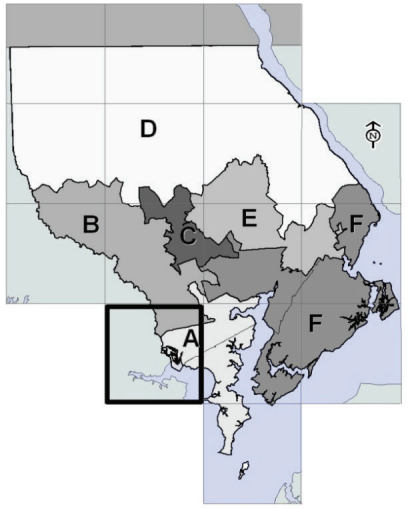
Financial Activity	
Expended	
Encumbered	0
Total	$0

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.
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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2022	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	550,000		550,000					100,000	650,000
Land Acquisition			0						0
Construction	1,550,000		1,550,000						1,550,000
Inspection Fees	134,000		134,000						134,000
Equipment/Furnishing			0						0
Total Cost	2,234,000	0	2,234,000	0	0	0	0	100,000	2,334,000
FUNDING SCHEDULE									
R3399 State Other	1,720,000		1,720,000					100,000	1,820,000
R1515 Recordation Tax	364,000		364,000						364,000
R8092 Reappropriated Recordation Tax	150,000		150,000						150,000
			0						0
			0						0
			0						0
Total Funds	2,234,000	0	2,234,000	0	0	0	0	100,000	2,334,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

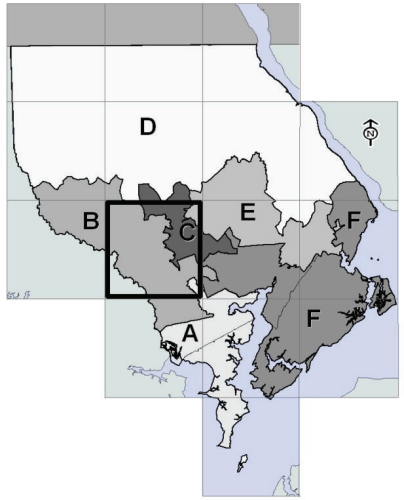
Expended	1,791,801
Encumbered	0
Total	$1,791,801

PROJECT: Heavenly Waters Park - Soma **PARKS AND RECREATION**

COUNCIL DISTRICT: B **LOCATION: Benson** **P164116**

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the long term development of the Soma area of Heavenly Waters Park. FY 16 funding 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0	100,000					100,000
Land Acquisition			0						0
Construction	95,000		95,000				525,000		620,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	100,000	0	100,000	100,000	0	0	525,000	0	725,000
FUNDING SCHEDULE									
R8750 Paygo	100,000		100,000						100,000
R1515 Recordation Tax			0	100,000			300,000		400,000
R3380 Program Open Space			0				225,000		225,000
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	100,000	0	0	525,000	0	725,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

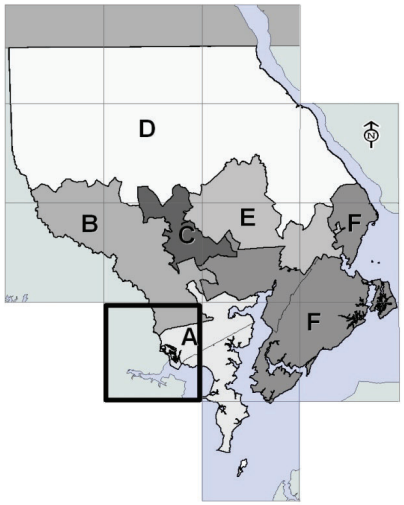
Expended	99,790
Encumbered	0
Total	$99,790

PROJECT: Joppa/Joppatowne Youth/Senior Center **PARKS AND RECREATION**

COUNCIL DISTRICT: A **LOCATION: Joppatowne** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT STATUS:

This project is not yet funded

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0		500,000				500,000
Land Acquisition			0						0
Construction			0			6,500,000			6,500,000
Inspection Fees			0						0
Equipment/Furnishing			0				300,000		300,000
Total Cost	0	0	0	0	500,000	6,500,000	300,000	0	7,300,000
FUNDING SCHEDULE									
R8750 Paygo			0						0
R7000 Future Bonds			0		500,000	6,500,000	300,000		7,300,000
R3399 State Other			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	500,000	6,500,000	300,000	0	7,300,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

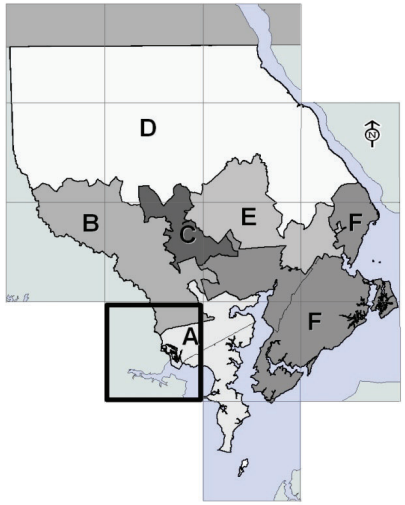
Expended	
Encumbered	
Total	$0

PROJECT: 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 20 - Engineering
FY 22 - Construction

PROJECT STATUS:

This project is not yet funded.

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	100,000		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	100,000	0	100,000	1,000,000	0	0	0	0	1,100,000
FUNDING SCHEDULE									
R3399 State Other	100,000		100,000	1,000,000					1,100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	0	100,000	1,000,000	0	0	0	0	1,100,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

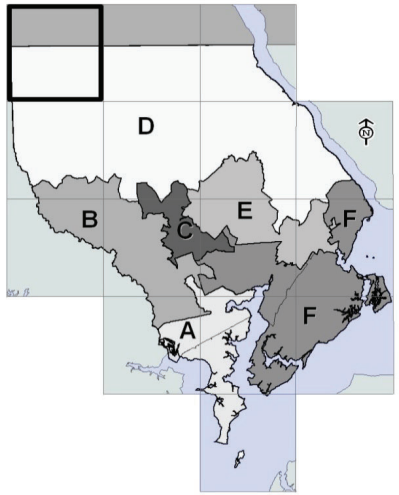
Expended	0
Encumbered	0
Total	$0

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.
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:

PROJECT STATUS:

Engineering is underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	125,000		125,000						125,000
Land Acquisition			0						0
Construction			0		600,000		550,000		1,150,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	125,000	0	125,000	0	600,000	0	550,000	0	1,275,000
FUNDING SCHEDULE									
R1515 Recordation Tax			0		250,000		250,000		500,000
R3380 Program Open Space			0		350,000		300,000		650,000
R8027 Reappropriated Recordation Tax	125,000		125,000						125,000
			0						0
			0						0
			0						0
Total Funds	125,000	0	125,000	0	600,000	0	550,000	0	1,275,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

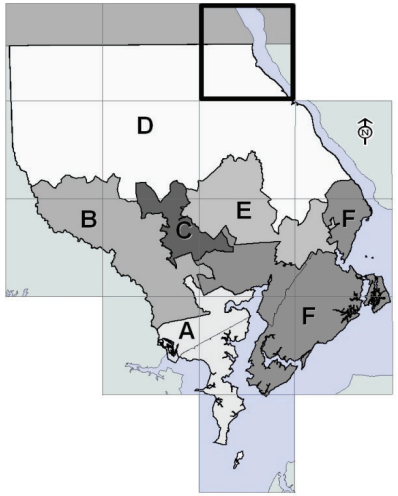
Financial Activity	
Expended	0
Encumbered	0
Total	$0

PROJECT: 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 intial 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0		250,000				250,000
Land Acquisition	575,000		575,000						575,000
Construction						1,500,000			1,500,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	575,000	0	575,000	0	250,000	1,500,000	0	0	2,325,000
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						0
R1515 Recordation Tax			0		250,000	500,000			750,000
			0						0
			0						0
Total Funds	575,000	0	575,000	0	250,000	1,500,000	0	0	2,325,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

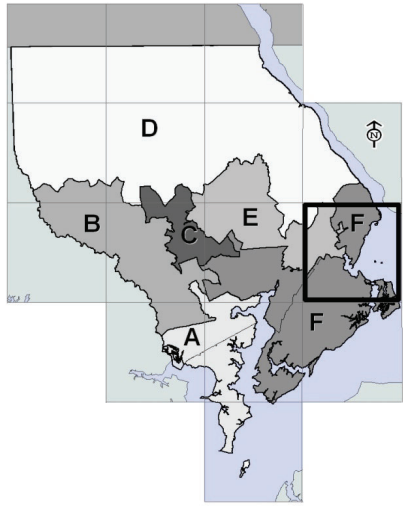
Expended	458,454
Encumbered	0
Total	$458,454

PROJECT: Oakington Peninsula Heritage Trail **PARKS AND RECREATION**

COUNCIL DISTRICT: F **LOCATION: Havre de Grace** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project engineering and construction for a trail system on the Department properties on the Oakington Peninsula with the City of Havre de Grace. These properties include Swan Harbor Farms and Elanor and Millard Tydings Park. 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 23: Walking trail feasibility study

PROJECT STATUS:

This project is not yet funded

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			0		100,000		100,000		200,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	100,000	0	100,000	0	200,000
FUNDING SCHEDULE									
R8027 Reappropriated Recordation Tax			0						0
R3399 State Other			0						0
R1515 Recordation Tax					100,000		100,000		200,000
R3380 Program Open Space			0						0
			0						0
			0						0
Total Funds	0	0	0	0	100,000	0	100,000	0	200,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

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:

PROJECT STATUS:

Work was completed at the Havre de Grace Activity Center

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	10,000		10,000						10,000
Land Acquisition			0						0
Construction	894,000		894,000		150,000	150,000		175,000	1,369,000
Inspection Fees	50,000		50,000						50,000
Equipment/Furnishing			0						0
Total Cost	954,000	0	954,000	0	150,000	150,000	0	175,000	1,429,000
FUNDING SCHEDULE									
R1515 Recordation Tax	854,000		854,000		150,000	150,000		175,000	1,329,000
R8027 Reappropriated Recordation Tax	100,000		100,000						100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	954,000	0	954,000	0	150,000	150,000	0	175,000	1,429,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

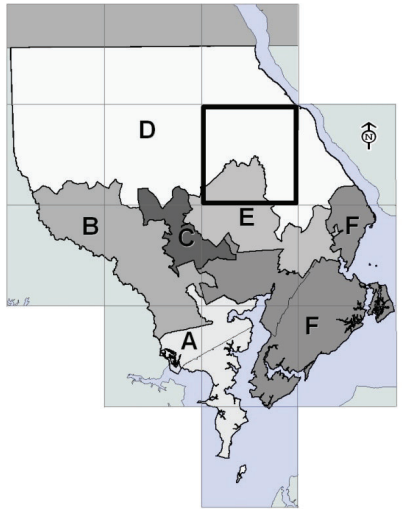
Expended	825,583
Encumbered	0
Total	$825,583

PROJECT: Prospect Mill Park **PARKS AND RECREATION**

COUNCIL DISTRICT: E **LOCATION: Fountain Green** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

Harford County developed a 29.9 acre parcel to serve the outdoor recreation needs of the Hickory/Fountain Green area. Amenities such as 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: Installation of a storage building and walking trail renovation

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0	100,000	500,000			180,000	780,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	100,000	500,000	0	0	180,000	780,000
FUNDING SCHEDULE									
R1515 Recordation Tax			0	100,000	250,000			100,000	450,000
R3380 Program Open Space			0		250,000			80,000	330,000
			0						0
			0						0
			0						0
Total Funds	0	0	0	100,000	500,000	0	0	180,000	780,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

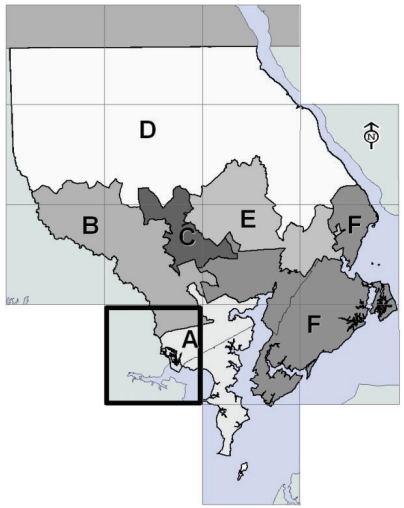
Expended	
Encumbered	0
Total	$0

PROJECT: Robert Copenhaver Park Improvements **PARKS AND RECREATION**

COUNCIL DISTRICT: A **LOCATION: Joppatowne** **P144126**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will provide improvements to Robert Copenhaver Park in support of the Joppatowne Seahawks recreation football program. Copenhaver Park is the home of the program and the only facility currently available for the football program.
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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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	0	250,000	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	0	250,000	0	0	0	550,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

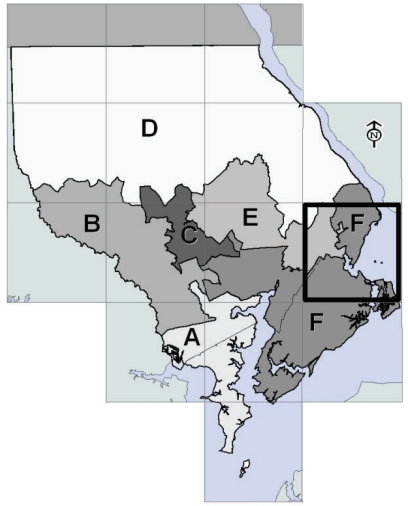
Expended	262,396
Encumbered	0
Total	$262,396

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 will be 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 21: 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
The City reapplied for CPP funding for FY 21

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	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	0	150,000	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	0	150,000	1,450,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	77,806
Encumbered	32,720
Total	$110,526

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	710,000		710,000		120,000		150,000		980,000
Inspection Fees									0
Equipment/Furnishing			0						0
Total Cost	710,000	0	710,000	0	120,000	0	150,000	0	980,000
FUNDING SCHEDULE									
R1515 Recordation Tax	550,000		550,000		120,000		150,000		820,000
R8027 Reappropriated Recordation Tax	160,000		160,000						160,000
			0						0
			0						0
			0						0
Total Funds	710,000	0	710,000	0	120,000	0	150,000	0	980,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

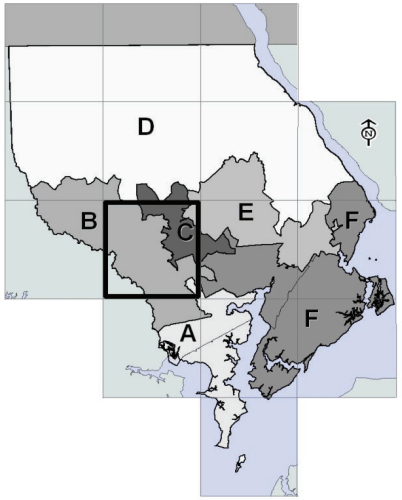
Expended	449,998
Encumbered	19,290
Total	$469,288

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:

FY 21 - Equipment replacement as needed

PROJECT STATUS:

New equipment has been purchased and the building security system has been upgraded

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			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	0	45,000	85,000
FUNDING SCHEDULE									
R8092 Reappropriated Recordation Tax	15,000		15,000						15,000
R6999 Other	25,000		25,000					15,000	40,000
R1515 Recordation Tax			0					30,000	30,000
			0						0
			0						0
			0						0
Total Funds	40,000	0	40,000	0	0	0	0	45,000	85,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

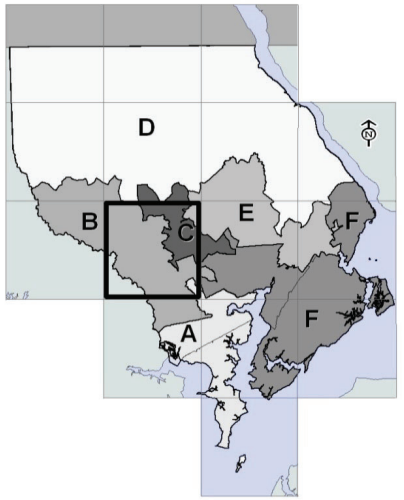
Expended	2,869
Encumbered	0
Total	$2,869

PROJECT: Vale Road Park **PARKS AND RECREATION**

COUNCIL DISTRICT: B **LOCATION: Bel Air** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes the construction of new active recreation facilities on the northern side of Heavenly Waters Park. These facilities will address needs for the Bel Air community and will include soccer/lacrosse fields and 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 21 - Engineering and Design
FY 22 - Construction

PROJECT STATUS:

This project is not yet funded

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			0	100,000					100,000
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	0	0	100,000	1,000,000	0	0	150,000	1,250,000
FUNDING SCHEDULE									
R1515 Recordation Tax			0	100,000	500,000			150,000	750,000
R3380 Program Open Space			0		500,000				500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	100,000	1,000,000	0	0	150,000	1,250,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

OPEN/ACTIVE PROJECTS

PROJECT: Anita C. Leight Center Improvements

PARKS AND RECREATION

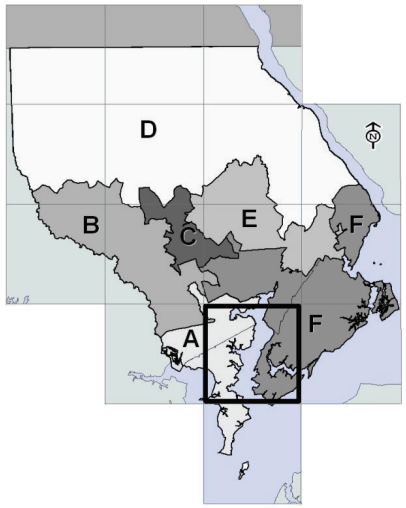
COUNCIL DISTRICT: A

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 21: Storage building for program boats and materials

PROJECT STATUS:

Work on the HVAC replacement is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	190,000		190,000						190,000
Land Acquisition			0						0
Construction	795,000		795,000						795,000
Inspection Fees	20,000		20,000						20,000
Equipment/Furnishing			0						0
Total Cost	1,005,000	0	1,005,000	0	0	0	0	0	1,005,000
FUNDING SCHEDULE									
R1515 Recordation Tax	615,000		615,000						615,000
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	0	1,005,000	0	0	0	0	0	1,005,000

Est. Annual Debt Service Cost
$2,790

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

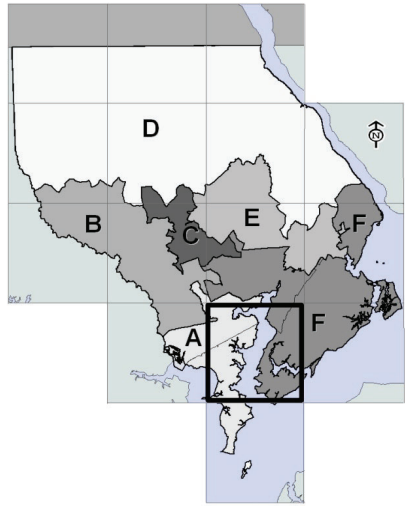
Expended	574,408
Encumbered	0
Total	$574,408

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. FY 18 funding will be 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:

FY 21 - Dredging as needed

PROJECT STATUS:

Engineering and permitting for the proposed dredging is underway.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	100,000		100,000						100,000
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	0	990,000
FUNDING SCHEDULE									
R1515 Recordation Tax	40,000		40,000						40,000
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	0	990,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

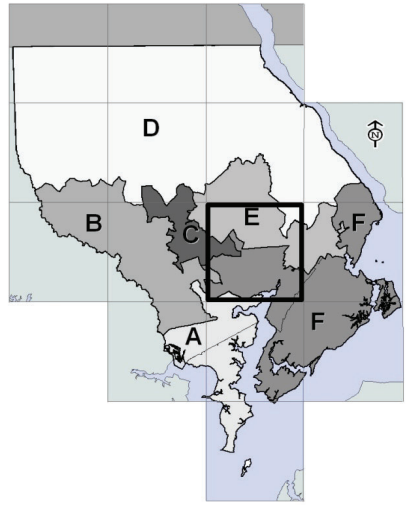
Expended	124,376
Encumbered	124,735
Total	$249,111

PROJECT: Cedar Lane Sports Complex Improvements **PARKS AND RECREATION**

COUNCIL DISTRICT: C **LOCATION: Creswell** **P104111**

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposes improvements and amenities at the Cedar Lane Regional Sports Complex. 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:

PROJECT STATUS:

Construction of the storage building is complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	661,000		661,000						661,000
R7100 Prior Bonds	100,000		100,000						100,000
R8089 Reappropriated Paygo	150,000		150,000						150,000
R8753 Paygo Hotel Tax Revenue	350,000		350,000						350,000
			0						0
Total Funds	2,461,000	0	2,461,000	0	0	0	0	0	2,461,000

Est. Annual Debt Service Cost
$2,790

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

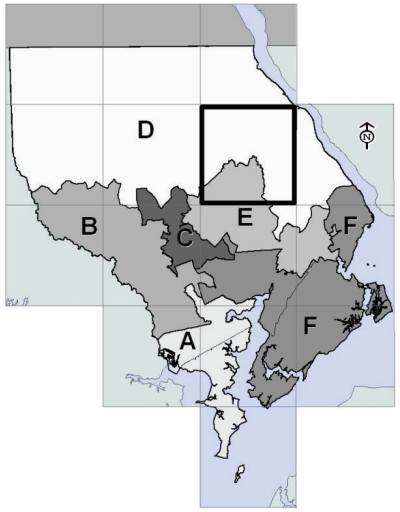
Expended	1,240,095
Encumbered	75,124
Total	$1,315,219

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:

FY21: Field renovations and improvements as needed.

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	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
$200,234

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

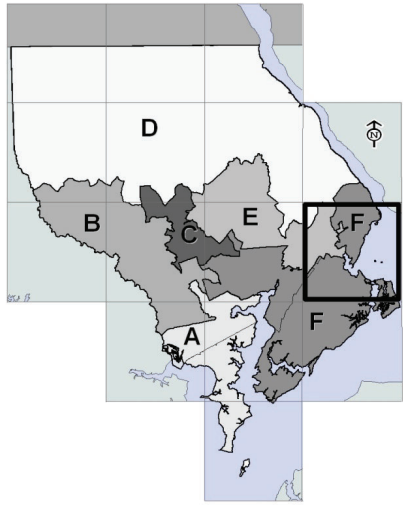
Expended	7,949,058
Encumbered	5,950
Total	$7,955,008

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:

FY 18 - Construction

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			0						0
Land Acquisition			0						0
Construction	40,000		40,000						40,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	40,000	0	40,000	0	0	0	0	0	40,000
FUNDING SCHEDULE									
R8092 Reappropriated Recordation Tax	20,000		20,000						20,000
R6999 Other	20,000		20,000						20,000
			0						0
			0						0
			0						0
			0						0
Total Funds	40,000	0	40,000	0	0	0	0	0	40,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

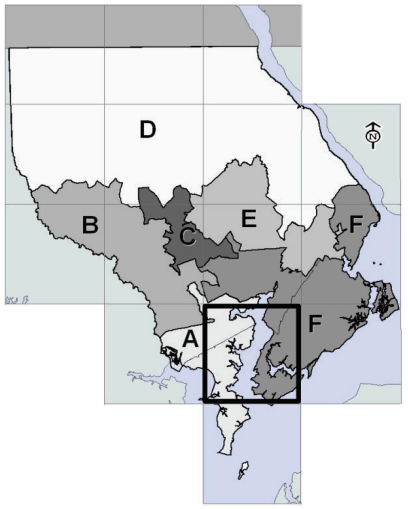
Expended	0
Encumbered	0
Total	$0

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. Future funds will be 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:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	195,000		195,000						195,000
Inspection Fees	5,000		5,000						5,000
Equipment/Furnishing			0						0
Total Cost	225,000	0	225,000	0	0	0	0	0	225,000
FUNDING SCHEDULE									
R1515 Recordation Tax	225,000		225,000						225,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	225,000	0	225,000	0	0	0	0	0	225,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	47,844
Encumbered	0
Total	$47,844

PROJECT: Facility Renovations **PARKS AND RECREATION**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **P104114**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

FY 18: Construction

PROJECT STATUS:

The balance of this project has been expended and it will be removed from the Capital Improvement Program following completion of the audit in July, 2020.

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			0						0
Land Acquisition			0						0
Construction	1,152,000		1,152,000						1,152,000
Inspection Fees	53,000		53,000						53,000
Equipment/Furnishing			0						0
Total Cost	1,205,000	0	1,205,000	0	0	0	0	0	1,205,000
FUNDING SCHEDULE									
R1515 Recordation Tax	845,000		845,000						845,000
R3320 State DNR/SWM	20,000		20,000						20,000
R6999 Other	340,000		340,000						340,000
			0						0
			0						0
			0						0
Total Funds	1,205,000	0	1,205,000	0	0	0	0	0	1,205,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

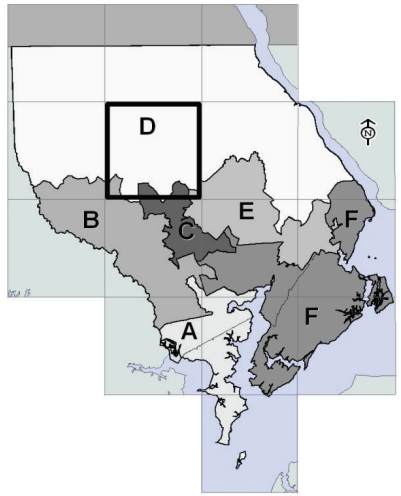
Expended	920,265
Encumbered	0
Total	$920,265

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 projecct 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:

FY 18: Engineering

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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 3/1/20:

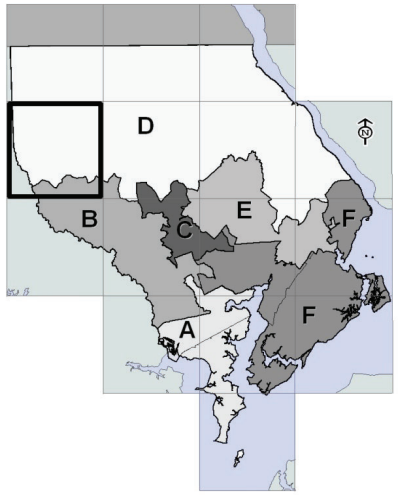
Expended	0
Encumbered	0
Total	$0

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:

Engineering for the project is complete.

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	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	270,000		270,000						270,000
R8027 Reappropriated Recordation Tax	180,000		180,000						180,000
			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 3/1/20:

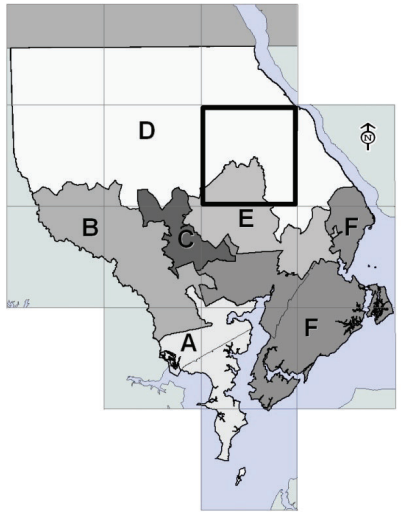
Expended	16,371
Encumbered	3,740
Total	$20,111

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 will occur in 2020.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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 3/1/20:

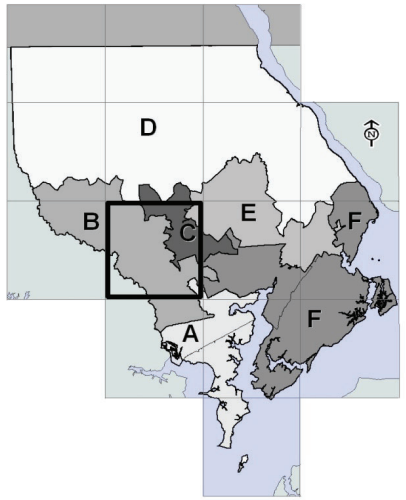
Expended	0
Encumbered	0
Total	$0

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:

FY 21 - Ma & Pa Trail drainage improvements

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$30,690

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

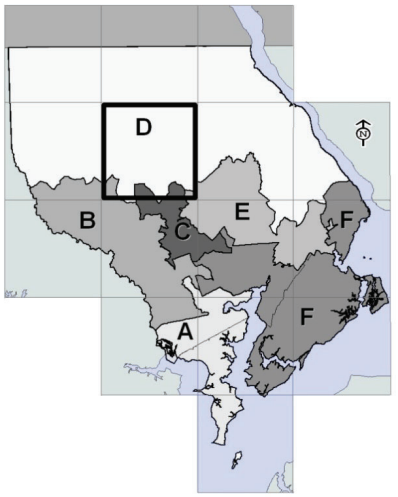
Expended	971,603
Encumbered	2,781
Total	$974,384

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. Other projects will be identified as needs arise.
Funding may include contributions from the Recreation Councils. This project supports
the goals and objectives of the 2018 Land Preservation, Parks and Recreation Plan and its Capital Improvement Program Recommendations.



PROJECT SCHEDULE:

FY 21 - Replacement of the arena plexiglass using exsting funds in the capital account.
FY 21 - 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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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 3/1/20:

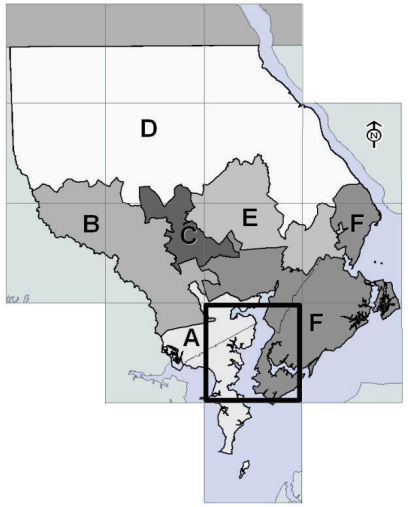
Expended	1,111,719
Encumbered	0
Total	$1,111,719

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:

FY 20 - Engineering
FY 20-FY 21 - Construction

PROJECT STATUS:

Engineering is complete

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			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	30,000		30,000						30,000
R8770 Reappropriated Recordation	200,000		200,000						200,000
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 3/1/20:

Expended	0
Encumbered	0
Total	$0

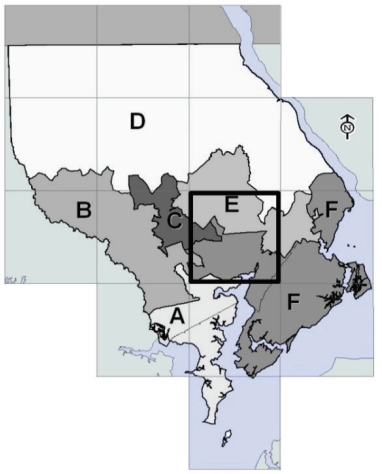
PROJECT: Schucks Road Regional Complex **PARKS AND RECREATION**

COUNCIL DISTRICT: E **LOCATION: Churchville** **P064137**

PROJECT DESCRIPTION / JUSTIFICATION:

This project proposed the development of a 71 acre site centrally located in Harford County. Three Recreation Councils (Hickory/Fountain Green, Forest Hill and Emmorton) have contributed funds towards site acquisition and will share facilities. The initial phase of park development will include baseball/softball diamonds, lacrosse/soccer field, and entrance road with associated parking.
Population growth in this area will create demand for additional recreation facilities.

This project supports the goals and objectives of the 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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	150,000		150,000						150,000
Land Acquisition	200,000		200,000						200,000
Construction	7,340,415		7,340,415						7,340,415
Inspection Fees	420,000		420,000						420,000
Equipment/Furnishing			0						0
Total Cost	8,110,415	0	8,110,415	0	0	0	0	0	8,110,415
FUNDING SCHEDULE									
R1515 Recordation Tax	1,995,000		1,995,000						1,995,000
R6999 Other	100,000		100,000						100,000
R7100 Prior Bonds	2,530,000		2,530,000						2,530,000
R8770 Reappropriated	1,454,415		1,454,415						1,454,415
R3380 Program Open Space	1,956,000		1,956,000						1,956,000
R8027 Reappropriated Recordation Tax	75,000		75,000						75,000
Total Funds	8,110,415	0	8,110,415	0	0	0	0	0	8,110,415

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

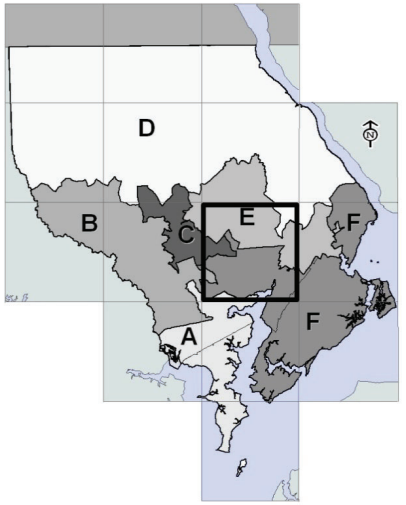
Expended	6,026,204
Encumbered	11,881
Total	$6,038,085

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:

Repairs and repainting of the ourtside of the house are complete.
Repair of one of the entrance pillars is complete.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	110,000		110,000				0		110,000
R8092 Reappropriated Recordation Tax	100,000		100,000						100,000
R8750 Paygo			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 3/1/20:

Expended	384,894
Encumbered	0
Total	$384,894

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HIGHWAYS FUND								
BRIDGES								
FY 21 Funded Projects:								
Boggs Road Bridge #66	1,370,000	0	250,000	20,000	0	1,100,000	0	0
Bridge and Culvert Rehabilitation	8,600,000	2,850,000	2,500,000	650,000	650,000	650,000	650,000	650,000
Bridge and Road Scour Repairs	2,725,000	1,725,000	250,000	150,000	150,000	150,000	150,000	150,000
Bridge Inspection Program - Over 20' Spans	6,600,000	1,200,000	300,000	1,500,000	0	1,700,000	0	1,900,000
Bridge Inspection Program - Under 20' Spans	950,000	100,000	250,000	30,000	250,000	35,000	250,000	35,000
Carrs Mill Road Bridge #216	2,502,723	2,575,000	(72,277)	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	1,905,000	160,000	0	0	0	0	0
Deep Run Road Bridge #152	1,295,000	0	250,000	20,000	1,025,000	0	0	0
Glen Cove Road Bridge #155	1,075,912	0	1,075,912	0	0	0	0	0
Glen Cove Road Bridge #156	959,752	1,550,000	(590,248)	0	0	0	0	0
Green Road Bridges #119 and #122	1,015,449	1,119,087	(103,638)	0	0	0	0	0
Johnson Mill Road Bridge #45	1,450,000	350,000	1,100,000	0	0	0	0	0
Madonna Road Bridge #113	3,200,000	0	500,000	50,000	0	0	2,650,000	0
New Park Road Bridge #125	1,022,726	1,100,000	(77,274)	0	0	0	0	0
Snake Lane Bridge #31	1,077,917	1,095,000	(17,083)	0	0	0	0	0
Stafford Road Bridge #24	3,405,000	605,000	2,800,000	0	0	0	0	0
Structural Evaluation	770,000	470,000	50,000	50,000	50,000	50,000	50,000	50,000
Outyear Projects:								
Abingdon Road Bridge #169 over CSX	4,730,000	1,830,000	0	2,900,000	0	0	0	0
Ayres Chapel Road Bridge #116	400,000	0	0	0	0	0	0	400,000
Bridge Deck Replacements	1,400,000	0	0	0	0	500,000	900,000	0
Bridge Painting	1,700,000	500,000	0	400,000	200,000	200,000	200,000	200,000
Edwards Lane Culvert	850,000	0	0	0	0	0	850,000	0
Fawn Grove Road Bridge #132	1,685,000	10,000	0	300,000	50,000	1,325,000	0	0
Glenville Road Bridge #30	1,735,000	410,000	0	25,000	0	1,300,000	0	0
Grier Nursery Road Bridge #43	2,425,000	500,000	0	25,000	0	1,900,000	0	0
Hess Road Bridge #81	450,000	0	0	0	0	0	400,000	50,000
Hookers Mill Road Bridge #13	2,680,000	0	0	30,000	2,650,000	0	0	0
Moores Road Bridge #78	1,200,000	0	0	250,000	50,000	0	900,000	0
Scarboro Road Bridge #140	1,375,000	0	0	0	250,000	25,000	0	1,100,000
St. Clair Road Bridge #100	500,000	0	0	0	0	500,000	0	0
Stafford Road Bridge #19	500,000	0	0	0	0	0	500,000	0
Stafford Road Bridge #162	1,425,000	0	0	0	400,000	0	25,000	1,000,000
Trappe Church Road Bridge #161	1,050,000	0	0	300,000	0	0	750,000	0
Open Projects:								
Bridge Inspection Program	3,640,000	3,640,000	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Culvert Rehabilitation	4,730,000	4,730,000	0	0	0	0	0	0
Pleasantville Road Bridge #67	225,000	225,000	0	0	0	0	0	0
Bridges Total by Project	75,634,479	31,339,087	8,625,392	6,700,000	5,725,000	9,435,000	8,275,000	5,535,000
Paygo	29,497,762	16,376,762	550,000	1,900,000	1,610,000	3,025,000	3,975,000	2,185,000
Prior Paygo	(679,608)	0	(679,608)	0		0	0	0
Future Bonds	11,810,000	0	5,815,000	740,000	1,675,000	1,750,000	1,180,000	650,000
Prior Bonds	3,769,558	4,157,558	0	0	0	0	0	0
Reappropriated	998,767	998,767	0	0	0	0	0	0
Federal	28,333,000	9,806,000	2,940,000	4,060,000	2,440,000	4,660,000	3,120,000	2,700,000
Bridges Total by Fund	73,729,479	31,338,087	8,625,392	6,700,000	5,725,000	9,435,000	8,275,000	5,535,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
ROADWAYS								
FY 21 Funded Projects:								
Drainage Improvements	2,175,000	1,575,000	100,000	100,000	100,000	100,000	100,000	100,000
Guardrails	1,825,000	925,000	150,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	6,416,728	4,366,728	150,000	380,000	380,000	380,000	380,000	380,000
New Roads and Stormdrains	3,825,000	2,625,000	200,000	200,000	200,000	200,000	200,000	200,000
Spesutia Road Reconstruction/Upgrade	5,750,000	750,000	5,000,000	0	0	0	0	0
Stormdrain Rehabilitation	2,516,231	1,766,231	125,000	125,000	125,000	125,000	125,000	125,000
Traffic Calming, Bicycle & Road Safety Improvements	1,350,000	700,000	50,000	120,000	120,000	120,000	120,000	120,000
Traffic Signals	1,084,601	109,601	300,000	135,000	135,000	135,000	135,000	135,000
Washington Court Access Road	2,150,000	0	2,150,000	0	0	0	0	0
Woodley Road Extension to MD 715	7,250,000	1,250,000	1,000,000	5,000,000	0	0	0	0
Outyear Projects:								
Carrs Mill Road (MD 152 - Grafton Shop Road)	200,000	0	0	0	100,000	100,000	0	0
Tollgate Road/Vale Road Corridor	850,000	0	0	200,000	650,000	0	0	0
Trimble Road (Joppa Road to Garnett Road)	2,250,000	25,000	0	100,000	50,000	0	0	2,075,000
Open Projects:								
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
Village of Scot's Fancy Starmount Lane	750,000	750,000	0	0	0	0	0	0
Roadways Total by Project	49,105,648	25,555,648	9,225,000	6,510,000	2,010,000	1,310,000	1,210,000	3,285,000
Paygo	18,410,072	10,660,072	825,000	1,030,000	1,530,000	830,000	730,000	2,805,000
Future Bonds	15,200,000	0	8,300,000	5,380,000	380,000	380,000	380,000	380,000
Prior Bonds	9,315,975	9,315,975	0	0	0	0	0	0
Reappropriated	309,601	309,601	0	0	0	0	0	0
State	720,000	720,000	0	0	0	0	0	0
Developer/Other	5,150,000	4,550,000	100,000	100,000	100,000	100,000	100,000	100,000
Roadways Total by Fund	49,105,648	25,555,648	9,225,000	6,510,000	2,010,000	1,310,000	1,210,000	3,285,000
RESURFACING								
FY 21 Funded Projects:								
Resurfacing Roadways	79,322,870	20,943,262	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Open Projects:								
Resurfacing Roadways 14	6,661,509	6,661,509	0	0	0	0	0	0
Resurfacing Roadways15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Roadways 16	5,292,842	5,292,842	0	0	0	0	0	0
Resurfacing Roadways 17	5,002,435	5,002,435	0	0	0	0	0	0
Resurfacing Total by Project	101,882,762	43,503,154	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Paygo	92,015,219	43,390,219	0	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Reappropriated	112,935	112,935	0	0	0	0	0	0
Prior Paygo	9,754,608	0	9,754,608	0	0	0	0	0
Resurfacing Total by Fund	101,882,762	43,503,154	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HIGHWAYS FUND								
OTHER								
FY 21 Funded Projects:								
APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Efficiency Capital Investment Project	555,000	315,000	40,000	40,000	40,000	40,000	40,000	40,000
Fleet Maintenance Facility	7,246,000	6,226,000	1,020,000	0	0	0	0	0
Fleet Replacement	28,242,000	14,142,000	2,000,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000
Highways Facilities Repair Program	2,027,000	1,107,000	220,000	300,000	100,000	100,000	100,000	100,000
Lease Revenue Highways	1,000,000	0	1,000,000	0	0	0	0	0
Refresh Program	990,500	690,500	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,087,450	3,637,450	75,000	75,000	75,000	75,000	75,000	75,000
Sidewalks and Handicapped Ramps	2,429,300	1,529,300	150,000	150,000	150,000	150,000	150,000	150,000
Open Projects:								
Fuel Dispensing System Upgrade	950,000	950,000	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
Other Total by Project	51,495,750	32,565,750	4,555,000	2,815,000	2,815,000	2,915,000	2,915,000	2,915,000
Paygo	40,456,664	24,255,696	2,525,968	2,515,000	2,715,000	2,815,000	2,815,000	2,815,000
Future Bonds	1,940,000	0	1,240,000	300,000	100,000	100,000	100,000	100,000
Prior Bonds	6,326,000	6,326,000	0	0	0	0	0	0
Reappropriated	138,865	138,865	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0
State	230,000	230,000	0	0	0	0	0	0
Developer/Other	1,234,921	1,445,889	(210,968)	0	0	0	0	0
Lease Finance	1,000,000	0	1,000,000	0	0	0	0	0
Other Total by Fund	51,495,750	32,565,750	4,555,000	2,815,000	2,815,000	2,915,000	2,915,000	2,915,000
TOTAL HIGHWAYS CAPITAL	278,118,639	132,963,639	32,160,000	25,350,000	20,075,000	23,385,000	22,325,000	21,860,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
					FY 21 APPROVED CAPITAL BUDGET									
HIGHWAYS FUND														
HIGHWAYS														
BRIDGES														
Boggs Road Bridge #66	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Bridge and Culvert Rehabilitation	2,500,000	0	0	0	2,500,000		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	300,000	0	0	0	0		0	0	0	0	0	0	300,000	0
Bridge Inspection Program - Under 20' Spans	250,000	0	250,000	0	0		0	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	(72,277)	(72,277)	0	0	0		0	0	0	0	0	0	0	0
Chestnut Hill Bridge #40	160,000	0	0	0	120,000	0	0	0	0	0	0	0	40,000	0
Deep Run Road Bridge #152	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Glen Cove Road Bridge #155	1,075,912	0	0	180,912	895,000		0	0	0	0	0	0	0	0
Glen Cove Road Bridge #156	(590,248)	(590,248)	0	0	0		0	0	0	0	0	0	0	0
Green Road Bridges #119 and #122	(103,638)	0	0	(103,638)	0		0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	1,100,000	0	0	0	1,100,000		0	0	0	0	0	0	0	0
Madonna Road Bridge #113	500,000	0	0	0	100,000		0	0	0	0	0	0	400,000	0
New Park Road Bridge #125	(77,274)	0	0	(77,274)	0		0	0	0	0	0	0	0	
Snake Lane Bridge #31	(17,083)	(17,083)	0	0	0		0	0	0	0	0	0	0	0
Stafford Road Bridge #24	2,800,000	0	0	0	600,000		0	0	0	0	0	0	2,200,000	0
Structural Evaluation	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
SUB-TOTAL BRIDGES	8,625,392	(679,608)	550,000	0	5,815,000	0	0	0	0	0	0	0	2,940,000	0
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	0
Intersection Improvements	150,000	0	0	0	150,000		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
Spesutia Road Reconstruction/Upgrade	5,000,000	0	0	0	5,000,000		0	0	0	0	0	0	0	0
Stormdrain Rehabilitation	125,000	0	125,000	0	0		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	300,000	0	300,000	0	0		0	0	0	0	0	0	0	0
Washington Court Access Road	2,150,000	0	0	0	2,150,000		0	0	0	0	0	0	0	0
Woodley Road Extension to MD 715	1,000,000	0	0	0	1,000,000		0	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	9,225,000	0	825,000	0	8,300,000	0	0	0	0	0	0	0	0	100,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
					FY 21 APPROVED CAPITAL BUDGET									
HIGHWAYS FUND														
HIGHWAYS														
RESURFACING														
Resurfacing Roadways	9,754,608	679,608	9,075,000	0	0		0		0	0	0	0	0	0
SUB-TOTAL RESURFACING	9,754,608	679,608	9,075,000	0	0		0	0	0	0	0	0	0	0
OTHER														
APG Gate PILOT	0	0	210,968	0	0		0	0	0	0	0	0	0	(210,968)
Efficiency Capital Investment Project	40,000	0	40,000	0	0		0	0	0	0	0	0	0	0
Fleet Maintenance Facility	1,020,000	0	0	0	1,020,000		0	0	0	0	0	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0		0	0	0	0	0	0	0	0
Highways Facilities Repair Program	220,000	0		0	220,000		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
Refresh Program	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
Safeguarding Business Operations	75,000	0	75,000	0	0		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	4,555,000	0	2,525,968	0	1,240,000	0	1,000,000	0	0	0	0	0	0	(210,968)
TOTAL HIGHWAYS FUND CAPITAL	32,160,000	0	12,975,968	0	15,355,000	0	1,000,000	0	0	0	0	0	2,940,000	(110,968)

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HIGHWAYS FUND								
BRIDGES								
FY 21 Funded Projects:								
Boggs Road Bridge #66	1,370,000	0	250,000	20,000	0	1,100,000	0	0
Bridge and Culvert Rehabilitation	8,600,000	2,850,000	2,500,000	650,000	650,000	650,000	650,000	650,000
Bridge and Road Scour Repairs	2,725,000	1,725,000	250,000	150,000	150,000	150,000	150,000	150,000
Bridge Inspection Program - Over 20' Spans	6,600,000	1,200,000	300,000	1,500,000	0	1,700,000	0	1,900,000
Bridge Inspection Program - Under 20' Spans	950,000	100,000	250,000	30,000	250,000	35,000	250,000	35,000
Carrs Mill Road Bridge #216	2,502,723	2,575,000	(72,277)	0	0	0	0	0
Chestnut Hill Bridge #40	2,065,000	1,905,000	160,000	0	0	0	0	0
Deep Run Road Bridge #152	1,295,000	0	250,000	20,000	1,025,000	0	0	0
Glen Cove Road Bridge #155	1,075,912	0	1,075,912	0	0	0	0	0
Glen Cove Road Bridge #156	959,752	1,550,000	(590,248)	0	0	0	0	0
Green Road Bridges #119 and #122	1,015,449	1,119,087	(103,638)	0	0	0	0	0
Johnson Mill Road Bridge #45	1,450,000	350,000	1,100,000	0	0	0	0	0
Madonna Road Bridge #113	3,200,000	0	500,000	50,000	0	0	2,650,000	0
New Park Road Bridge #125	1,022,726	1,100,000	(77,274)	0	0	0	0	0
Snake Lane Bridge #31	1,077,917	1,095,000	(17,083)	0	0	0	0	0
Stafford Road Bridge #24	3,405,000	605,000	2,800,000	0	0	0	0	0
Structural Evaluation	770,000	470,000	50,000	50,000	50,000	50,000	50,000	50,000
Outyear Projects:								
Abingdon Road Bridge #169 over CSX	4,730,000	1,830,000	0	2,900,000	0	0	0	0
Ayres Chapel Road Bridge #116	400,000	0	0	0	0	0	0	400,000
Bridge Deck Replacements	1,400,000	0	0	0	0	500,000	900,000	0
Bridge Painting	1,700,000	500,000	0	400,000	200,000	200,000	200,000	200,000
Edwards Lane Culvert	850,000	0	0	0	0	0	850,000	0
Fawn Grove Road Bridge #132	1,685,000	10,000	0	300,000	50,000	1,325,000	0	0
Glenville Road Bridge #30	1,735,000	410,000	0	25,000	0	1,300,000	0	0
Grier Nursery Road Bridge #43	2,425,000	500,000	0	25,000	0	1,900,000	0	0
Hess Road Bridge #81	450,000	0	0	0	0	0	400,000	50,000
Hookers Mill Road Bridge #13	2,680,000	0	0	30,000	2,650,000	0	0	0
Moores Road Bridge #78	1,200,000	0	0	250,000	50,000	0	900,000	0
Scarboro Road Bridge #140	1,375,000	0	0	0	250,000	25,000	0	1,100,000
St. Clair Road Bridge #100	500,000	0	0	0	0	500,000	0	0
Stafford Road Bridge #19	500,000	0	0	0	0	0	500,000	0
Stafford Road Bridge #162	1,425,000	0	0	0	400,000	0	25,000	1,000,000
Trappe Church Road Bridge #161	1,050,000	0	0	300,000	0	0	750,000	0
Open Projects:								
Bridge Inspection Program	3,640,000	3,640,000	0	0	0	0	0	0
Bridge Rehabilitation	2,850,000	2,850,000	0	0	0	0	0	0
Culvert Rehabilitation	4,730,000	4,730,000	0	0	0	0	0	0
Pleasantville Road Bridge #67	225,000	225,000	0	0	0	0	0	0
Bridges Total by Project	75,634,479	31,339,087	8,625,392	6,700,000	5,725,000	9,435,000	8,275,000	5,535,000
Paygo	29,497,762	16,376,762	550,000	1,900,000	1,610,000	3,025,000	3,975,000	2,185,000
Prior Paygo	(679,608)	0	(679,608)	0		0	0	0
Future Bonds	11,810,000	0	5,815,000	740,000	1,675,000	1,750,000	1,180,000	650,000
Prior Bonds	3,769,558	4,157,558	0	0	0	0	0	0
Reappropriated	998,767	998,767	0	0	0	0	0	0
Federal	28,333,000	9,806,000	2,940,000	4,060,000	2,440,000	4,660,000	3,120,000	2,700,000
Bridges Total by Fund	73,729,479	31,339,087	8,625,392	6,700,000	5,725,000	9,435,000	8,275,000	5,535,000

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
HIGHWAYS FUND														
HIGHWAYS														
BRIDGES														
Boggs Road Bridge #66	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Bridge and Culvert Rehabilitation	2,500,000	0	0	0	2,500,000		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	300,000	0	0	0	0		0	0	0	0	0	0	300,000	0
Bridge Inspection Program - Under 20' Spans	250,000	0	250,000	0	0		0	0	0	0	0	0	0	0
Carrs Mill Road Bridge #216	(72,277)	(72,277)	0	0	0		0	0	0	0	0	0	0	0
Chestnut Hill Bridge #40	160,000	0	0	0	120,000	0	0	0	0	0	0	0	40,000	0
Deep Run Road Bridge #152	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Glen Cove Road Bridge #155	1,075,912	0	0	180,912	895,000		0	0	0	0	0	0	0	0
Glen Cove Road Bridge #156	(590,248)	(590,248)	0	0	0		0	0	0	0	0	0	0	0
Green Road Bridges #119 and #122	(103,638)	0	0	(103,638)	0		0	0	0	0	0	0	0	0
Johnson Mill Road Bridge #45	1,100,000	0	0	0	1,100,000		0	0	0	0	0	0	0	0
Madonna Road Bridge #113	500,000	0	0	0	100,000		0	0	0	0	0	0	400,000	0
New Park Road Bridge #125	(77,274)	0	0	(77,274)	0		0	0	0	0	0	0	0	
Snake Lane Bridge #31	(17,083)	(17,083)	0	0	0		0	0	0	0	0	0	0	0
Stafford Road Bridge #24	2,800,000	0	0	0	600,000		0	0	0	0	0	0	2,200,000	0
Structural Evaluation	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
SUB-TOTAL BRIDGES	8,625,392	(679,608)	550,000	0	5,815,000	0	0	0	0	0	0	0	2,940,000	0

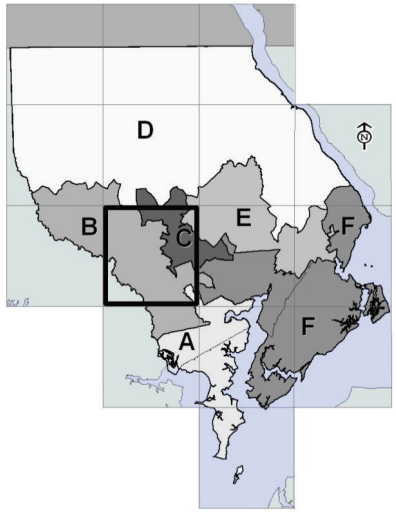
PROJECT: Boggs Road Bridge #66 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: B **LOCATION: Fallston** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to replace the bridge that carries Boggs Road over Long Branch. The existing bridge is a single lane, steel beam, concrete deck structure with bituminous concrete surfacing that is posted for 13 tons. The two lane approach road on both ends of the single lane bridge are in horizontal curves that restrict sight distance across the bridge. The existing area is developing rapidly and is not able to carry the expected heavier traffic volumes. It is not 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
FY24 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design		250,000	250,000						250,000
Land Acquisition			0	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	0	250,000	250,000	20,000	0	1,100,000	0	0	1,370,000
FUNDING SCHEDULE									
R7000 Future Bonds		250,000	250,000	20,000		1,100,000			1,370,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	20,000	0	1,100,000	0	0	1,370,000

Est. Annual Debt Service Cost
$6,975

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	
Encumbered	
Total	$0

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 failrly 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:

FY20 - Construction on Linkous #133, Troyer #103, and West Chapel #7 - Design on Bailey Road Br.
FY21 - Construction on Bailey Road Bridge and various other improvements

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	570,000	500,000	1,070,000	100,000	100,000	100,000	100,000	100,000	1,570,000
Land Acquisition			0						0
Construction	2,075,000	1,750,000	3,825,000	500,000	500,000	500,000	500,000	500,000	6,325,000
Inspection Fees	205,000	250,000	455,000	50,000	50,000	50,000	50,000	50,000	705,000
Equipment/Furnishing			0						0
Total Cost	2,850,000	2,500,000	5,350,000	650,000	650,000	650,000	650,000	650,000	8,600,000
FUNDING SCHEDULE									
R8750 Paygo	2,650,000		2,650,000						2,650,000
R8089 Reappropriated Paygo	200,000		200,000						200,000
R7000 Future Bonds		2,500,000	2,500,000	650,000	650,000	650,000	650,000	650,000	5,750,000
			0						0
			0						0
			0						0
Total Funds	2,850,000	2,500,000	5,350,000	650,000	650,000	650,000	650,000	650,000	8,600,000

Est. Annual Debt Service Cost
$69,750

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial activity as of 3/1/20:

Expended	2,850,000
Encumbered	0
Total	$2,850,000

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:

FY20 - Ongoing Program - Ridge Road & Madonna Road Embankment Repairs
FY21 - Ongoing Program - McFadden Road Bridge #134

PROJECT STATUS:

Various projects are continuously being designed & 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	125,000	20,000	145,000	20,000	20,000	20,000	20,000	20,000	245,000
Land Acquisition	5,000		5,000						5,000
Construction	1,470,000	210,000	1,680,000	120,000	120,000	120,000	120,000	120,000	2,280,000
Inspection Fees	125,000	20,000	145,000	10,000	10,000	10,000	10,000	10,000	195,000
Equipment/Furnishing			0						0
Total Cost	1,725,000	250,000	1,975,000	150,000	150,000	150,000	150,000	150,000	2,725,000
FUNDING SCHEDULE									
R8750 Paygo	1,725,000	250,000	1,975,000	150,000	150,000	150,000	150,000	150,000	2,725,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,725,000	250,000	1,975,000	150,000	150,000	150,000	150,000	150,000	2,725,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,482,506
Encumbered	42,118
Total	$1,524,624

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	1,200,000	300,000	1,500,000	1,500,000		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	1,200,000	300,000	1,500,000	1,500,000	0	1,700,000	0	1,900,000	6,600,000
FUNDING SCHEDULE									
R3140 Federal TEA-21	1,100,000	300,000	1,400,000	1,500,000		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	1,200,000	300,000	1,500,000	1,500,000	0	1,700,000	0	1,900,000	6,600,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	560,138
Encumbered	3,672
Total	$563,810

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	100,000	250,000	350,000	30,000	250,000	35,000	250,000	35,000	950,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equip. / Furn.			0						0
Total Cost	100,000	250,000	350,000	30,000	250,000	35,000	250,000	35,000	950,000
FUNDING SCHEDULE									
R8750 Paygo	100,000	250,000	350,000	30,000	250,000	35,000	250,000	35,000	950,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	100,000	250,000	350,000	30,000	250,000	35,000	250,000	35,000	950,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	$0

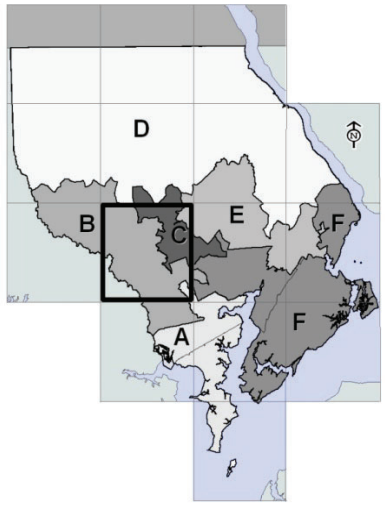
PROJECT: Carrs Mill Road Bridge #216 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: B **LOCATION: Fallston** **H084501**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the triple cell concrete pipe bridge that carries Carrs Mill Road over Bear Cabin Branch. The concrete pipes and the slate headwalls are severely deteriorated and need to be replaced. The project will improve the road alignment at this structure and the hydraulic capacity of the structure. This project is eligible for Federal funding.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

$72,777 in paygo will be reallocated to Resurfacing Roadways capital project

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program after completion of the audit July 2020

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	360,000		360,000						360,000
Land Acquisition			0						0
Construction	2,115,000	(72,277)	2,042,723						2,042,723
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost	2,575,000	(72,277)	2,502,723	0	0	0	0	0	2,502,723
FUNDING SCHEDULE									
R8750 Paygo	552,000		552,000						552,000
R3140 Federal Aid	1,923,000		1,923,000						1,923,000
R7100 Prior Bonds	100,000		100,000						100,000
R8750 Prior Paygo		(72,277)	(72,277)						(72,277)
			0						0
			0						0
Total Funds	2,575,000	(72,277)	2,502,723	0	0	0	0	0	2,502,723

Est. Annual Debt Service Cost
$2,790

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	2,199,488
Encumbered	0
Total	$2,199,488

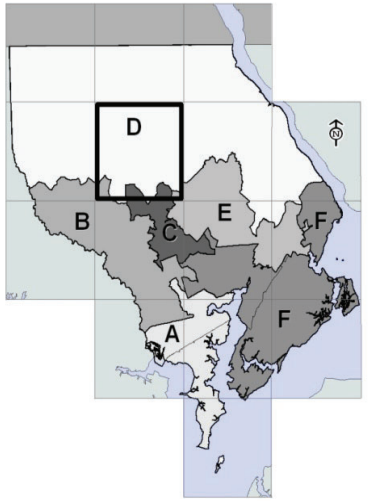
PROJECT: Chestnut Hill Bridge #40 **HIGHWAYS - BRIDGES**

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	340,000		340,000						340,000
Land Acquisition	60,000		60,000						60,000
Construction	1,405,000	160,000	1,565,000						1,565,000
Inspection Fees	100,000		100,000						100,000
Equipment/Furnishing			0						0
Total Cost	1,905,000	160,000	2,065,000	0	0	0	0	0	2,065,000
FUNDING SCHEDULE									
R8750 Paygo	124,000		124,000						124,000
R3140 Federal Aid	1,393,000	40,000	1,433,000						1,433,000
R7100 Prior Bonds	388,000		388,000						388,000
R7000 Future Bonds		120,000	120,000						120,000
			0						0
			0						0
Total Funds	1,905,000	160,000	2,065,000	0	0	0	0	0	2,065,000

Est. Annual Debt Service Cost
$14,173

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 2/1/19:

Expended	427,067
Encumbered	4,326
Total	$431,393

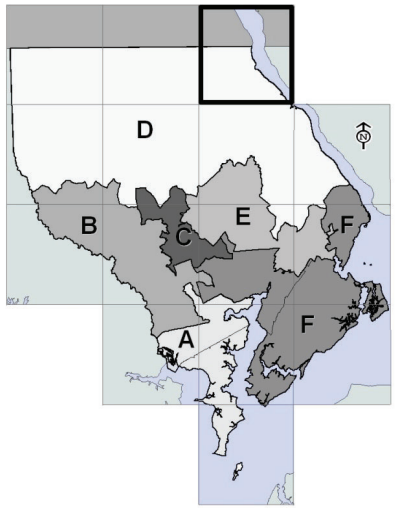
PROJECT: Deep Run Road Bridge #152 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Whiteford** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Deep Run Road over Deep Run. The existing bridge has a deteriorated deck and superstructure. Plans are currently for a complete reconstruction of the bridge and abutments.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY21 - Design
FY22 - R/W & Permits
FY24 - Construction

PROJECT STATUS:

Not currently funded.

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		250,000	250,000						250,000
Land Acquisition			0	20,000					20,000
Construction			0		950,000				950,000
Inspection Fees			0		75,000				75,000
Equipment/Furnishing			0						0
Total Cost	0	250,000	250,000	20,000	1,025,000	0	0	0	1,295,000
FUNDING SCHEDULE									
R7000 Future Bonds		250,000	250,000	20,000	1,025,000				1,295,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	20,000	1,025,000	0	0	0	1,295,000

Est. Annual Debt Service Cost
$6,975

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	
Encumbered	
Total	$0

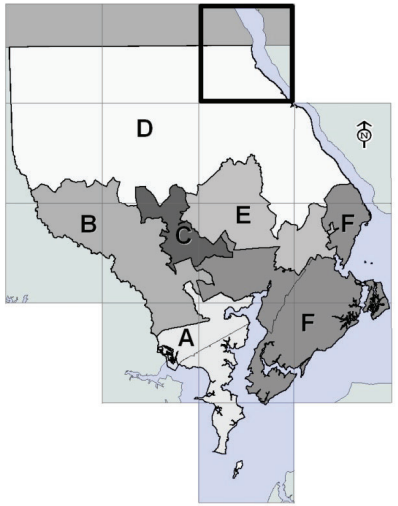
PROJECT: Glen Cove Road Bridge #155 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Dublin** **New**

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 - 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition		50,000	50,000						50,000
Construction		950,912	950,912						950,912
Inspection Fees		75,000	75,000						75,000
Equipment/Furnishing			0						0
Total Cost	0	1,075,912	1,075,912	0	0	0	0	0	1,075,912
FUNDING SCHEDULE									
R7100 Future Bonds		895,000	895,000						895,000
R7100 Prior Bonds		180,912	180,912						180,912
			0						0
			0						0
			0						0
Total Funds	0	1,075,912	1,075,912	0	0	0	0	0	1,075,912

Est. Annual Debt Service Cost
$30,018

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

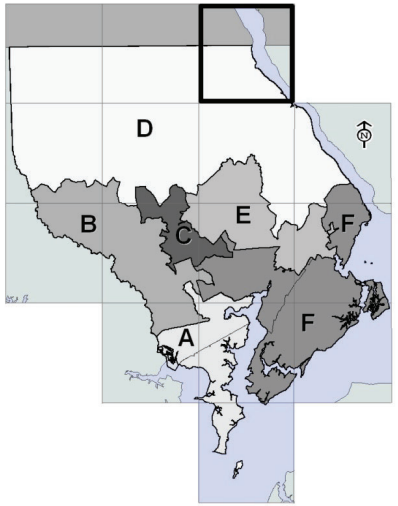
PROJECT: Glen Cove Road Bridge #156 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Dublin** **H094501**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Glen Cove Road over Peddler Run. The existing bridge is a single lane, steel beam, concrete deck structure that is posted for 23 tons. The existing concrete deck, exterior beams, and wingwalls are severely deteriorated. Recent and past storms have overtopped this bridge on a regular basis. It is more cost effective to replace this bridge then it would be to rehabilitate it.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY19 - Utility Relocation & Construction

$590,248 in Paygo is reallocated to Resurfacing Roadways capital project

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Plan after completion of the audit July, 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	150,000		150,000						150,000
Land Acquisition			0						0
Construction	1,400,000	(590,248)	809,752						809,752
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,550,000	(590,248)	959,752	0	0	0	0	0	959,752
FUNDING SCHEDULE									
R8750 Paygo	1,350,000		1,350,000						1,350,000
R7100 Prior Bonds	200,000		200,000						200,000
R8750 Prior Paygo		(590,248)	(590,248)						(590,248)
			0						0
			0						0
			0						0
Total Funds	1,550,000	(590,248)	959,752	0	0	0	0	0	959,752

Est. Annual Debt Service Cost
$5,580

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	959,752
Encumbered	0
Total	$959,752

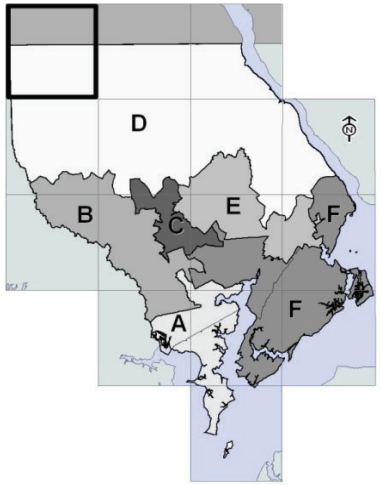
PROJECT: Green Road Bridges #119 and #122 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Norrisville** **H134503**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridges that carry Green Road over a tributary of Deer Creek. The beams, deck, and abutments are deteriorating and need to be replaced on both bridges. Both bridges are structurally deficient and are posted. The road alignment on the approaches to these structures will also be improved. Due to the very low volumes on this dirt road, a pre-fabricated bridge is being investigated for the replacement structure. Will be designed in single design contract. Green Road Bridge #119 & #122 are now merged into one Capital Project - Green Road Bridges #119 & #122.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

$103,638 in prior bonds is reallocated to Glen Cove Road Bridge #155 Capital Project.

PROJECT STATUS:

This project will close and will be removed from Capital Improvement Plan after completion of the audit July 2020

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	175,000		175,000						175,000
Land Acquisition			0						0
Construction	890,000	(103,638)	786,362						786,362
Inspection Fees	54,087		54,087						54,087
Equipment/Furnishing			0						0
Total Cost	1,119,087	(103,638)	1,015,449	0	0	0	0	0	1,015,449
FUNDING SCHEDULE									
R8750 Paygo	190,000		190,000						190,000
R7100 Prior Bonds	879,558	(103,638)	775,920						775,920
R8089 Reappropriated Paygo	49,529		49,529						49,529
			0						0
			0						0
Total Funds	1,119,087	(103,638)	1,015,449	0	0	0	0	0	1,015,449

Est. Annual Debt Service Cost
$21,648

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,015,449
Encumbered	0
Total	$1,015,449

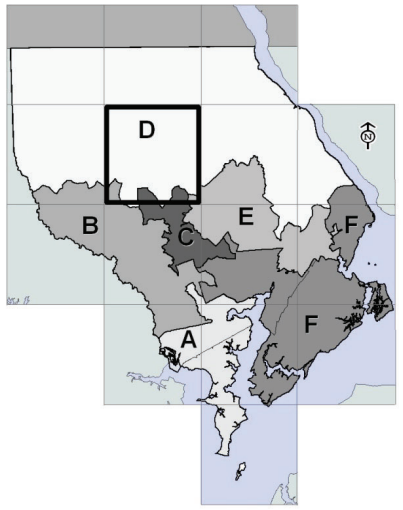
PROJECT: Johnson Mill Road Bridge #45 **HIGHWAYS - BRIDGES**

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	250,000		250,000						250,000
Land Acquisition	25,000		25,000						25,000
Construction	75,000	1,000,000	1,075,000						1,075,000
Inspection Fees		100,000	100,000						100,000
Equipment/Furnishing			0						0
Total Cost	350,000	1,100,000	1,450,000	0	0	0	0	0	1,450,000
FUNDING SCHEDULE									
R8710 Paygo			0						0
R7100 Prior Bonds	350,000		350,000						350,000
R7000 Future Bonds		1,100,000	1,100,000						1,100,000
			0						0
			0						0
			0						0
Total Funds	350,000	1,100,000	1,450,000	0	0	0	0	0	1,450,000

Est. Annual Debt Service Cost
$40,455

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	193,693
Encumbered	5,172
Total	$198,865

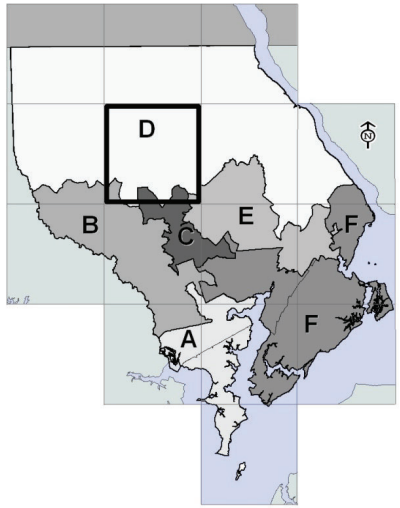
PROJECT: Madonna Road Bridge #113 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Hickory** **New**

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 Design, R/W & Permits
FY22 - R/W
FY24 - Construction

PROJECT STATUS:

Design complete

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		500,000	500,000						500,000
Land Acquisition			0	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	500,000	500,000	50,000	0	0	2,650,000	0	3,200,000
FUNDING SCHEDULE									
R8700 Paygo			0						0
R3140 Federal TEA-21		400,000	400,000				2,120,000		2,520,000
R7000 Future Bonds		100,000	100,000	50,000			530,000		680,000
			0						0
			0						0
			0						0
Total Funds	0	500,000	500,000	50,000	0	0	2,650,000	0	3,200,000

Est. Annual Debt Service Cost
$2,790

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

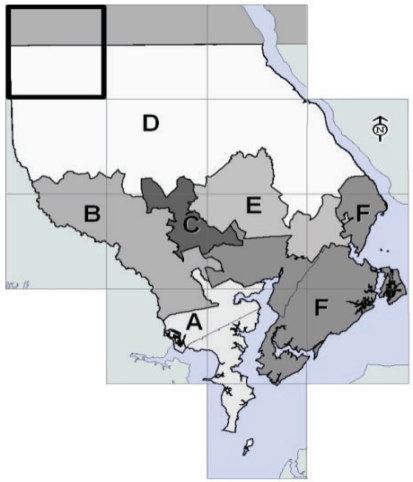
PROJECT: New Park Road Bridge #125 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Norrisville** **H144504**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries New Park Road over Island Branch. The existing bridge is narrow and poorly aligned with the approaches. Additionally, the wingwalls are deteriorated and the abutments show evidence of scour. The bridge is posted for 10 Tons. Current plans call for a complete replacement of the existing structure.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

$77,274 in prior bonds are reallocated to the Glen Cove Road Bridge #155 capital project

PROJECT STATUS:

This project will be closed and removed from Capital Improvement Program after completion of the audit July, 2020.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	175,000		175,000						175,000
Land Acquisition	35,000		35,000						35,000
Construction	850,000	(77,274)	772,726						772,726
Inspection Fees	40,000		40,000						40,000
Equipment/Furnishing			0						0
Total Cost	1,100,000	(77,274)	1,022,726	0	0	0	0	0	1,022,726
FUNDING SCHEDULE									
R8750 Paygo	175,000		175,000						175,000
R7100 Prior Bonds	925,000	(77,274)	847,726						847,726
			0						0
			0						0
			0						0
			0						0
Total Funds	1,100,000	(77,274)	1,022,726	0	0	0	0	0	1,022,726

Est. Annual Debt Service Cost
$23,652

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,022,725
Encumbered	0
Total	$1,022,725

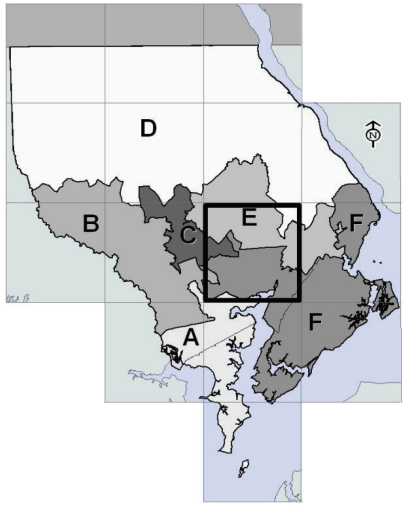
PROJECT: Snake Lane Bridge #31 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: E **LOCATION: Churchville** **H074502**

PROJECT DESCRIPTION / JUSTIFICATION:

The purpose of this project is to replace Snake Lane Bridge #31 over James Run. The bridge abutments and wingwalls are in poor condition and the bridge deck is deteriorated along the exterior beams. The bridge is posted for 13 tons. The bridge width is only 18'4" and is poorly aligned with the stream, resulting in a severe scour under the bridge. The bridge is not eligible for Federal funds.
Maintenance work performed by the County's Bureau of Highways has held up well and allowed a delay in the construction of this project.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

$17,083 in paygo will be reallocated to Resurfacing Roadways capital project

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program after completion of the audit July 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	175,000		175,000						175,000
Land Acquisition	20,000		20,000						20,000
Construction	825,000	(17,083)	807,917						807,917
Inspection Fees	75,000		75,000						75,000
Equipment/Furnishing			0						0
Total Cost	1,095,000	(17,083)	1,077,917	0	0	0	0	0	1,077,917
FUNDING SCHEDULE									
R8750 Paygo	195,000	(17,083)	177,917						177,917
R7100 Prior Bonds	900,000		900,000						900,000
R8089 Reappropriated Paygo			0						0
			0						0
			0						0
			0						0
Total Funds	1,095,000	(17,083)	1,077,917	0	0	0	0	0	1,077,917

Est. Annual Debt Service Cost
$25,110

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,077,917
Encumbered	0
Total	$1,077,917

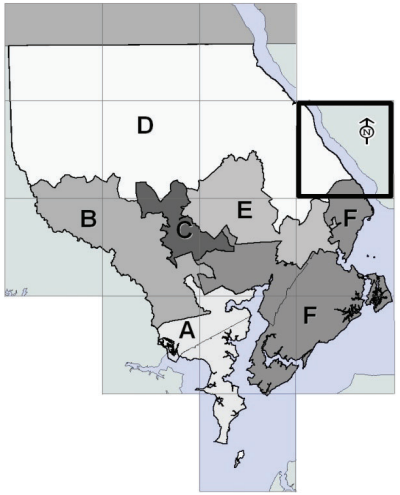
PROJECT: Stafford Road Bridge #24 **HIGHWAYS - BRIDGES**

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
FY21 - Construction

Project Status:

Design 90% Complete

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	405,000		405,000						405,000
Land Acquisition			0						0
Construction	200,000	2,700,000	2,900,000						2,900,000
Inspection Fees		100,000	100,000						100,000
Equipment/Furnishing			0						0
Total Cost	605,000	2,800,000	3,405,000	0	0	0	0	0	3,405,000
FUNDING SCHEDULE									
R8750 Paygo	40,000		40,000						40,000
R3140 Federal Aid	400,000	2,200,000	2,600,000						2,600,000
R7000 Future Bonds		600,000	600,000						600,000
R7100 Prior Bonds	165,000		165,000						165,000
			0						0
			0						0
Total Funds	605,000	2,800,000	3,405,000	0	0	0	0	0	3,405,000

Est. Annual Debt Service Cost
$21,344

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	363,098
Encumbered	17,826
Total	$380,924

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	470,000	50,000	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	470,000	50,000	520,000	50,000	50,000	50,000	50,000	50,000	770,000
FUNDING SCHEDULE									
R8750 Paygo	470,000	50,000	520,000	50,000	50,000	50,000	50,000	50,000	770,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	470,000	50,000	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 3/1/20:

Expended	400,988
Encumbered	18,015
Total	$419,003

OUTYEAR PROJECTS

FY 22 - FY 26

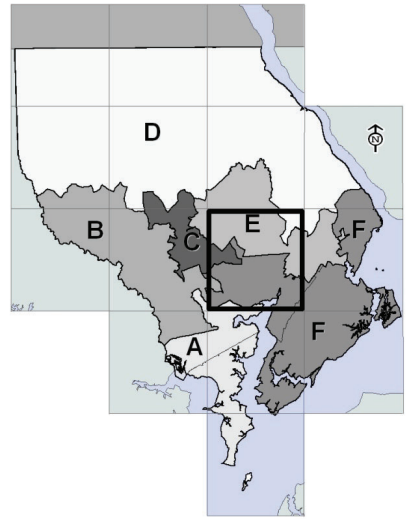
PROJECT: Abingdon Road Bridge #169 over CSX **HIGHWAYS - BRIDGES**

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 - Construction

PROJECT STATUS:

Design approximately 40% complete

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	820,000		820,000						820,000
Land Acquisition	360,000		360,000						360,000
Construction	650,000		650,000	2,750,000					3,400,000
Inspection Fees			0	150,000					150,000
Equipment/Furnishing			0						0
Total Cost	1,830,000	0	1,830,000	2,900,000	0	0	0	0	4,730,000
FUNDING SCHEDULE									
R8750 Paygo	240,762		240,762	580,000					820,762
R3140 Federal TEA-21	1,270,000		1,270,000	2,320,000					3,590,000
R8770 Reappropriated	69,238		69,238						69,238
R7100 Prior Bonds	250,000		250,000						250,000
			0						0
Total Funds	1,830,000	0	1,830,000	2,900,000	0	0	0	0	4,730,000

Est. Annual Debt Service Cost
$6,975

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

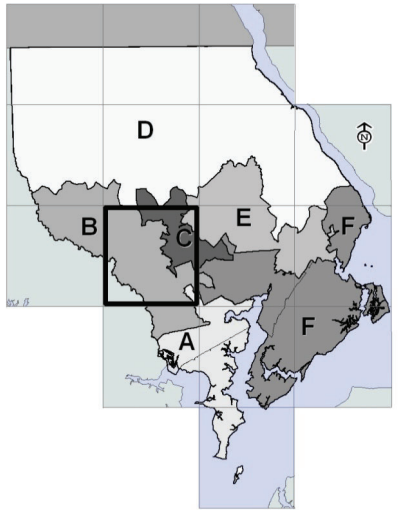
Expended	628,215
Encumbered	32,095
Total	$660,310

PROJECT: Ayres Chapel Road Bridge #116 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Fallston** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the Ayres Chapel Road Bridge #116 over Jackson Branch.



PROJECT SCHEDULE:

FY26 - Design

Outyears - R/W & Construction

PROJECT STATUS:

Not currently funded.

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			0					400,000	400,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	400,000	400,000
FUNDING SCHEDULE									
R8750 Paygo			0					400,000	400,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	0	400,000	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** **New**

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:

New

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			0			500,000			500,000
Land Acquisition			0						0
Construction			0				800,000		800,000
Inspection Fees			0				100,000		100,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	500,000	900,000	0	1,400,000
FUNDING SCHEDULE									
R8750 Paygo			0			500,000	900,000		1,400,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	500,000	900,000	0	1,400,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

PROJECT: Bridge Painting **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H144501**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides funding to paint bridges in Harford County. This preventative maintenance project will help to conserve future County resources by extending the life of the existing bridges and forestalling expensive replacement costs. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	15,000		15,000	10,000	5,000	5,000	5,000	5,000	45,000
Land Acquisition			0						0
Construction	445,000		445,000	350,000	175,000	175,000	175,000	175,000	1,495,000
Inspection Fees	40,000		40,000	40,000	20,000	20,000	20,000	20,000	160,000
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	400,000	200,000	200,000	200,000	200,000	1,700,000
FUNDING SCHEDULE									
R8750 Paygo	500,000	0	500,000	400,000	200,000	200,000	200,000	200,000	1,700,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	400,000	200,000	200,000	200,000	200,000	1,700,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	489,508
Encumbered	0
Total	$489,508

PROJECT: Edwards Lane Culvert **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: E **LOCATION: Churchville** **New**

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 25 - Utility Relocation and Construction

PROJECT STATUS:

Design Complete - right of way acquired

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			0						0
Land Acquisition			0						0
Construction			0				800,000		800,000
Inspection Fees			0				50,000		50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	850,000	0	850,000
FUNDING SCHEDULE									
R8750 Paygo			0				850,000		850,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	850,000	0	850,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

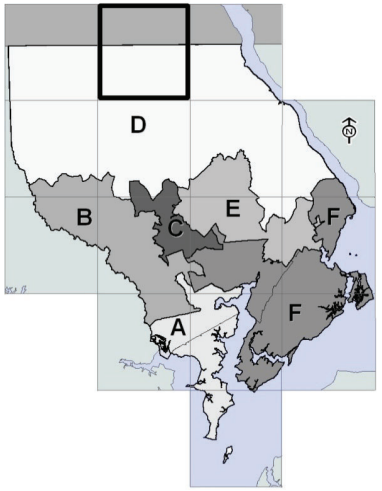
PROJECT: Fawn Grove Road Bridge #132 **HIGHWAYS - BRIDGES**

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:

FY22 - Design
FY23 - R/W & Permits
FY24 - Construction

PROJECT STATUS:

Not currently funded.

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	10,000		10,000	300,000					310,000
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	300,000	50,000	1,325,000	0	0	1,685,000
FUNDING SCHEDULE									
R8750 Paygo	10,000		10,000	300,000	50,000	1,325,000			1,685,000
			0						0
			0						0
			0						0
			0						0
Total Funds	10,000	0	10,000	300,000	50,000	1,325,000	0	0	1,685,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

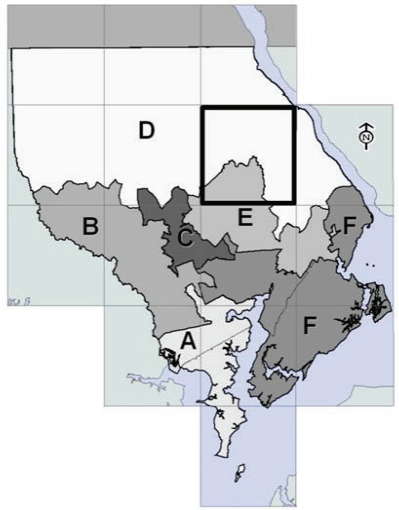
Expended	5,467
Encumbered	0
Total	$5,467

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	410,000		410,000						410,000
Land Acquisition			0	25,000					25,000
Construction			0			1,225,000			1,225,000
Inspection Fees			0			75,000			75,000
Equipment/Furnishing			0						0
Total Cost	410,000	0	410,000	25,000	0	1,300,000	0	0	1,735,000
FUNDING SCHEDULE									
R8710 Paygo	300,000		300,000	25,000		260,000			585,000
R3140 Federal TEA-21	110,000		110,000			1,040,000			1,150,000
			0						0
			0						0
			0						0
Total Funds	410,000	0	410,000	25,000	0	1,300,000	0	0	1,735,000

Est. Annual Debt Service Cost
$5,000

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,438
Encumbered	0
Total	$1,438

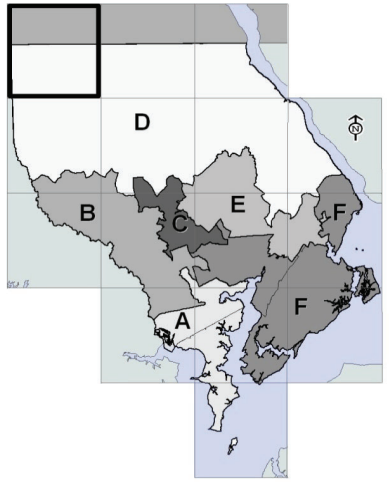
PROJECT: Grier Nursery Road Bridge #43 **HIGHWAYS - BRIDGES**

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	500,000		500,000						500,000
Land Acquisition			0	25,000					0
Construction			0			1,800,000			1,800,000
Inspection Fees			0			100,000			100,000
Equipment/Furnishing			0						0
Total Cost	500,000	0	500,000	25,000	0	1,900,000	0	0	2,425,000
FUNDING SCHEDULE									
R8750 Paygo	100,000		100,000	25,000		380,000			505,000
R3140 Federal Aid	400,000		400,000			1,520,000			1,920,000
			0						0
			0						0
			0						0
			0						0
Total Funds	500,000	0	500,000	25,000	0	1,900,000	0	0	2,425,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	468
Encumbered	0
Total	$468

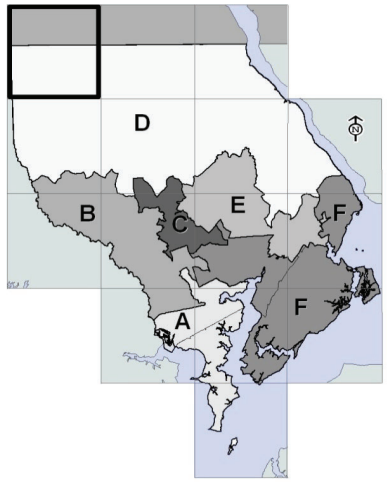
PROJECT: Hess Road Bridge #81 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION:** **New**

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0				400,000		400,000
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	0	400,000	50,000	450,000
FUNDING SCHEDULE									
R8750 Paygo			0				400,000	50,000	450,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	400,000	50,000	450,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

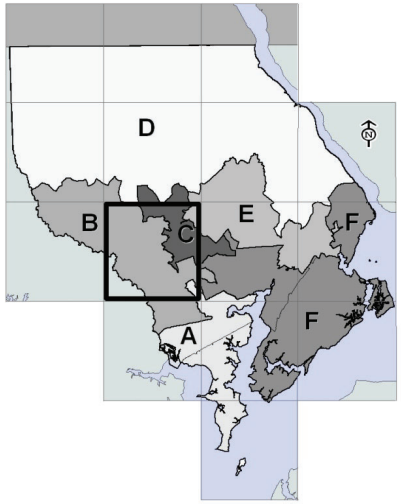
PROJECT: Hookers Mill Road Bridge #13 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: B **LOCATION: Forest Hill** **New**

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0	30,000					30,000
Construction			0		2,500,000				2,500,000
Inspection Fees			0		150,000				150,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	30,000	2,650,000	0	0	0	2,680,000
FUNDING SCHEDULE									
R8750 Paygo			0	30,000	530,000				560,000
R3140 Federal Aid			0		2,120,000				2,120,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	30,000	2,650,000	0	0	0	2,680,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

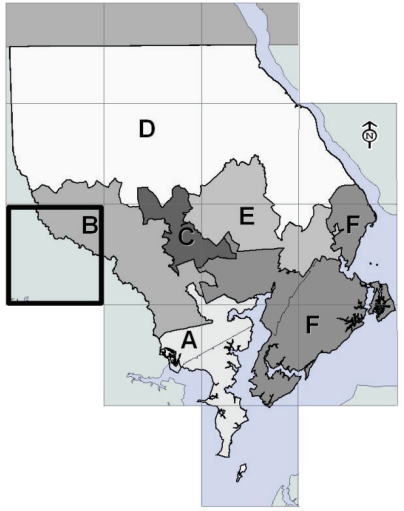
PROJECT: Moores Road Bridge #78 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: B **LOCATION: Upper Crossroads** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Moores Road over a tributary to Gunpowder Falls. The existing bridge is situated in a sharp curve and is very narrow. The wingwalls, deck and beams are also deteriorating. Current proposals call for replacing the entire structure and realigning the approach roadways for improved safety.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY22 - Design
FY23 - R/W & Permits
Outyears - Construction

PROJECT STATUS:

Not currently funded.

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			0	250,000					250,000
Land Acquisition			0		50,000				50,000
Construction			0				800,000		800,000
Inspection Fees			0				100,000		100,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	250,000	50,000	0	900,000	0	1,200,000
FUNDING SCHEDULE									
R8750 Paygo			0	250,000	50,000		900,000		1,200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	250,000	50,000	0	900,000	0	1,200,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	
Encumbered	
Total	$0

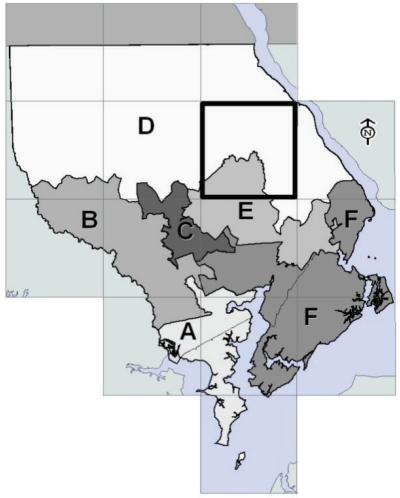
PROJECT: Scarboro Road Bridge #140 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Scarboro** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to replace the bridge that carries Scarboro Road over a tributary to Deer Creek. The existing bridge is undersized and has significant deterioration in the deck and beams. The proposed bridge will completely replace the existing structure.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.



PROJECT SCHEDULE:

FY 23 - Design
FY 24 - Right of Ways and Permits
FY 26 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0		250,000				250,000
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	0	0	0	250,000	25,000	0	1,100,000	1,375,000
FUNDING SCHEDULE									
R8750 Paygo			0		250,000	25,000		1,100,000	1,375,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	250,000	25,000	0	1,100,000	1,375,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	0
Encumbered	0
Total	$0

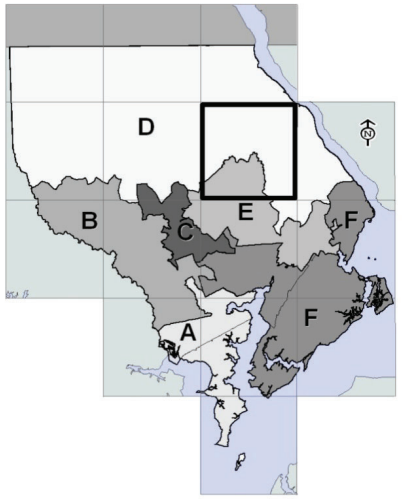
PROJECT: St. Clair Road Bridge #100 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION:** Street **New**

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
Outyears - R/W & Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	500,000	0	0	500,000
FUNDING SCHEDULE									
R8750 Paygo			0			100,000			100,000
R3140 Federal TEA-21			0			400,000			400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	500,000	0	0	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

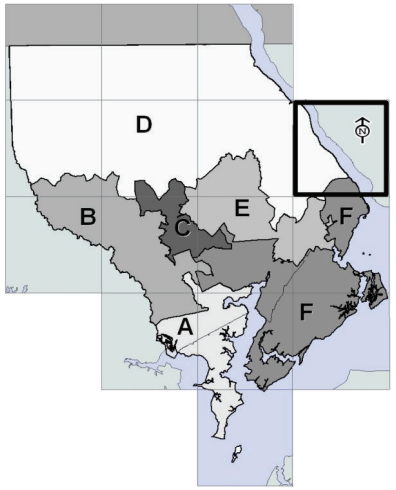
PROJECT: Stafford Road Bridge #19 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Darlington** **New**

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:

FY25 - Design

Outyears - R/W & Construction

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			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	500,000	0	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
			0						0
Total Funds	0	0	0	0	0	0	500,000	0	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

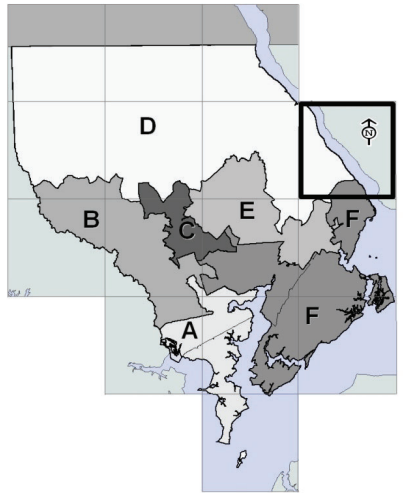
PROJECT: Stafford Road Bridge #162 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: D **LOCATION: Darlington** **New**

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
FY25 - Utilities & Design Revisions
FY26 - Construction

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			0		400,000				400,000
Land Acquisition			0				25,000		25,000
Construction			0					900,000	900,000
Inspection Fees			0					100,000	100,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	400,000	0	25,000	1,000,000	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
			0						0
Total Funds	0	0	0	0	400,000	0	25,000	1,000,000	1,425,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

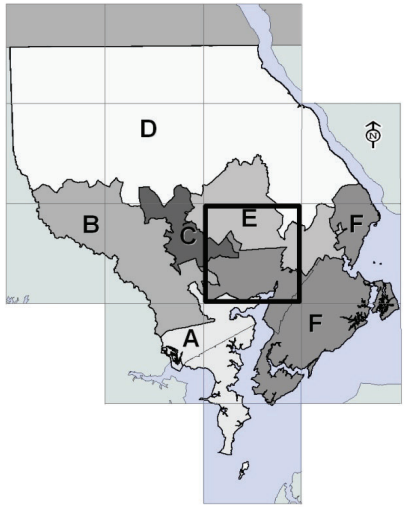
Financial Activity	
Expended	0
Encumbered	0
Total	$0

PROJECT: Trappe Church Road Br. #161 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: E **LOCATION: Darlington** **New**

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
FY25 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0	300,000					300,000
Land Acquisition			0						0
Construction			0				700,000		700,000
Inspection Fees			0				50,000		50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	300,000	0	0	750,000	0	1,050,000
FUNDING SCHEDULE									
R8750 Paygo			0	60,000			150,000		210,000
R3140 Federal TEA-21			0	240,000			600,000		840,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	300,000	0	0	750,000	0	1,050,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
Total	$0

OPEN/ACTIVE PROJECTS

PROJECT: Bridge Inspection Program **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **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:

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	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	380,000		380,000						380,000
R3140 Federal Aid	3,210,000		3,210,000						3,210,000
R8089 Reappropriated Paygo	50,000		50,000						50,000
			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 3/1/20:

Expended	3,634,781
Encumbered	0
Total	$3,634,781

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 failrly extensive, the bridge will be broken out into a separate capital project for a future budget.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	570,000		570,000						570,000
Land Acquisition			0						0
Construction	2,075,000		2,075,000						2,075,000
Inspection Fees	205,000		205,000						205,000
Equipment/Furnishing			0						0
Total Cost	2,850,000	0	2,850,000	0	0	0	0	0	2,850,000
FUNDING SCHEDULE									
R8750 Paygo	2,650,000		2,650,000						2,650,000
R8089 Reappropriated Paygo	200,000		200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,850,000	0	2,850,000	0	0	0	0	0	2,850,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial activity as of 3/1/20:

Expended	2,850,000
Encumbered	0
Total	$2,850,000

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:

Combined this project with the Bridge F

PROJECT STATUS:

This project will be closed and removed from the Capital Improvement Program after the audit in July, 2020.

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	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	4,300,000		4,300,000						4,300,000
R8089 Reappropriated Paygo	430,000		430,000						430,000
			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 3/1/20:

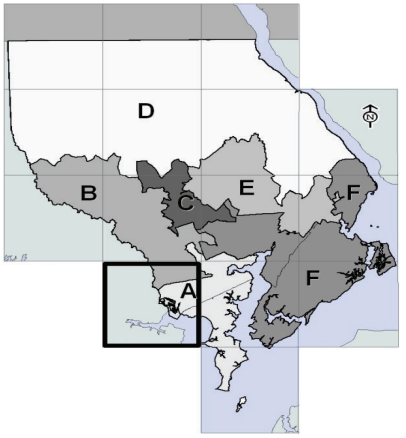
Expended	4,601,561
Encumbered	1,100
Total	$4,602,661

PROJECT: Pleasantville Road Bridge #67 **HIGHWAYS - BRIDGES**

COUNCIL DISTRICT: B **LOCATION: Fallston** **H194507**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is to improve the substructure for the bridge that carries Pleasantville Road over Winters Run. The existing abutments are showing heavy efflorescence and some cracking / delamination.



PROJECT SCHEDULE:

FY20 - Design
FY21 - R/W & Utilities
FY23 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction	225,000		225,000						225,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	225,000	0	225,000	0	0	0	0	0	225,000
FUNDING SCHEDULE									
R8750 Paygo	225,000		225,000						225,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	225,000	0	225,000	0	0	0	0	0	225,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	225,000
Total	$225,000

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HIGHWAYS FUND								
ROADWAYS								
FY 21 Funded Projects:								
Drainage Improvements	2,175,000	1,575,000	100,000	100,000	100,000	100,000	100,000	100,000
Guardrails	1,825,000	925,000	150,000	150,000	150,000	150,000	150,000	150,000
Intersection Improvements	6,416,728	4,366,728	150,000	380,000	380,000	380,000	380,000	380,000
New Roads and Stormdrains	3,825,000	2,625,000	200,000	200,000	200,000	200,000	200,000	200,000
Spesutia Road Reconstruction/Upgrade	5,750,000	750,000	5,000,000	0	0	0	0	0
Stormdrain Rehabilitation	2,516,231	1,766,231	125,000	125,000	125,000	125,000	125,000	125,000
Traffic Calming, Bicycle & Road Safety Improvements	1,350,000	700,000	50,000	120,000	120,000	120,000	120,000	120,000
Traffic Signals	1,084,601	109,601	300,000	135,000	135,000	135,000	135,000	135,000
Washington Court Access Road	2,150,000	0	2,150,000	0	0	0	0	0
Woodley Road Extension to MD 715	7,250,000	1,250,000	1,000,000	5,000,000	0	0	0	0
Outyear Projects:								
Carrs Mill Road (MD 152 - Grafton Shop Road)	200,000	0	0	0	100,000	100,000	0	0
Tollgate Road/Vale Road Corridor	850,000	0	0	200,000	650,000	0	0	0
Trimble Road (Joppa Road to Garnett Road)	2,250,000	25,000	0	100,000	50,000	0	0	2,075,000
Open Projects:								
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
Village of Scot's Fancy Starmount Lane	750,000	750,000	0	0	0	0	0	0
Roadways Total by Project	49,105,648	25,555,648	9,225,000	6,510,000	2,010,000	1,310,000	1,210,000	3,285,000
Paygo	18,410,072	10,660,072	825,000	1,030,000	1,530,000	830,000	730,000	2,805,000
Future Bonds	15,200,000	0	8,300,000	5,380,000	380,000	380,000	380,000	380,000
Prior Bonds	9,315,975	9,315,975	0	0	0	0	0	0
Reappropriated	309,601	309,601	0	0	0	0	0	0
State	720,000	720,000	0	0	0	0	0	0
Developer/Other	5,150,000	4,550,000	100,000	100,000	100,000	100,000	100,000	100,000
Roadways Total by Fund	49,105,648	25,555,648	9,225,000	6,510,000	2,010,000	1,310,000	1,210,000	3,285,000

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
HIGHWAYS FUND														
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	0
Intersection Improvements	150,000	0	0	0	150,000		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
Spesutia Road Reconstruction/Upgrade	5,000,000	0	0	0	5,000,000		0	0	0	0	0	0	0	0
Stormdrain Rehabilitation	125,000	0	125,000	0	0		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	300,000	0	300,000	0	0		0	0	0	0	0	0	0	0
Washington Court Access Road	2,150,000	0	0	0	2,150,000		0	0	0	0	0	0	0	0
Woodley Road Extension to MD 715	1,000,000	0	0	0	1,000,000		0	0	0	0	0	0	0	0
SUB-TOTAL ROADWAYS	9,225,000	0	825,000	0	8,300,000	0	0	0	0	0	0	0	0	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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	90,000	10,000	100,000	10,000	10,000	10,000	10,000	10,000	150,000
Land Acquisition	22,250		22,250						22,250
Construction	1,375,000	80,000	1,455,000	80,000	80,000	80,000	80,000	80,000	1,855,000
Inspection Fees	87,750	10,000	97,750	10,000	10,000	10,000	10,000	10,000	147,750
Equipment/Furnishing			0						0
Total Cost	1,575,000	100,000	1,675,000	100,000	100,000	100,000	100,000	100,000	2,175,000
FUNDING SCHEDULE									
R8750 Paygo	1,575,000	100,000	1,675,000	100,000	100,000	100,000	100,000	100,000	2,175,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,575,000	100,000	1,675,000	100,000	100,000	100,000	100,000	100,000	2,175,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,520,703
Encumbered	0
Total	$1,520,703

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	70,000	10,000	80,000	10,000	10,000	10,000	10,000	10,000	130,000
Land Acquisition			0						0
Construction	820,000	135,000	955,000	135,000	135,000	135,000	135,000	135,000	1,630,000
Inspection Fees	35,000	5,000	40,000	5,000	5,000	5,000	5,000	5,000	65,000
Equipment/Furnishing			0						0
Total Cost	925,000	150,000	1,075,000	150,000	150,000	150,000	150,000	150,000	1,825,000
FUNDING SCHEDULE									
R8750 Paygo	925,000	150,000	1,075,000	150,000	150,000	150,000	150,000	150,000	1,825,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	925,000	150,000	1,075,000	150,000	150,000	150,000	150,000	150,000	1,825,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	831,638
Encumbered	0
Total	$831,638

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:

FY19 - Vale Road at Carrs Mill Road Intersection R/W purchase
FY20 - Bynum Road & Water Tower Way Roundabout
FY20 - Bel Air S. Pkwy & Tollgate Roundabout

PROJECT STATUS:

Ongoing Program

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	345,000	2,500	347,500	10,000	10,000	10,000	10,000	10,000	397,500
Land Acquisition	115,000		115,000						115,000
Construction	3,576,728	140,000	3,716,728	350,000	350,000	350,000	350,000	350,000	5,466,728
Inspection Fees	330,000	7,500	337,500	20,000	20,000	20,000	20,000	20,000	437,500
Equipment/Furnishing			0						0
Total Cost	4,366,728	150,000	4,516,728	380,000	380,000	380,000	380,000	380,000	6,416,728
FUNDING SCHEDULE									
R8750 Paygo	2,831,728		2,831,728						2,831,728
R8089 Reappropriated Paygo	200,000		200,000						200,000
R6330 Developer	250,000		250,000						250,000
R7100 Prior Bonds	1,085,000		1,085,000						1,085,000
R7000 Future Bonds		150,000	150,000	380,000	380,000	380,000	380,000	380,000	2,050,000
			0						0
Total Funds	4,366,728	150,000	4,516,728	380,000	380,000	380,000	380,000	380,000	6,416,728

Est. Annual Debt Service Cost
$34,457

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	3,450,739
Encumbered	208,954
Total	$3,659,693

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 faciliities 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 Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	50,000	5,000	55,000	5,000	5,000	5,000	5,000	5,000	80,000
Land Acquisition	100,000		100,000						100,000
Construction	2,400,000	185,000	2,585,000	185,000	185,000	185,000	185,000	185,000	3,510,000
Inspection Fees	75,000	10,000	85,000	10,000	10,000	10,000	10,000	10,000	135,000
Equipment/Furnishing			0						0
Total Cost	2,625,000	200,000	2,825,000	200,000	200,000	200,000	200,000	200,000	3,825,000
FUNDING SCHEDULE									
R8750 Paygo	325,000	100,000	425,000	100,000	100,000	100,000	100,000	100,000	925,000
R6330 Developer	2,300,000	100,000	2,400,000	100,000	100,000	100,000	100,000	100,000	2,900,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,625,000	200,000	2,825,000	200,000	200,000	200,000	200,000	200,000	3,825,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

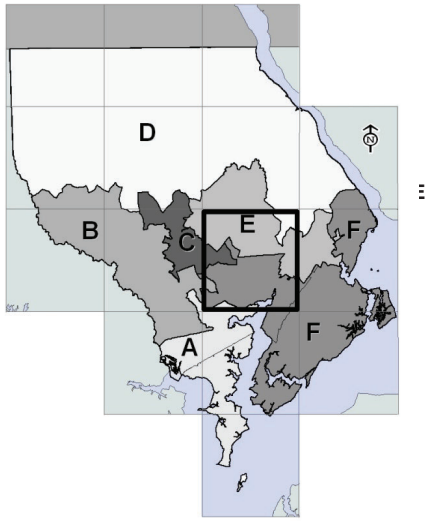
Expended	1,368,445
Encumbered	0
Total	$1,368,445

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 21 - Construction

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	750,000	5,000,000	5,750,000	0	0	0	0	0	5,750,000
FUNDING SCHEDULE									
R8750 Paygo	500,000		500,000						500,000
R7100 Prior Bonds	250,000		250,000						250,000
R7000 Future Bonds		5,000,000	5,000,000						5,000,000
			0						0
			0						0
									0
Total Funds	750,000	5,000,000	5,750,000	0	0	0	0	0	5,750,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	129,466
Encumbered	223,686
Total	$353,152

PROJECT: Stormdrain Rehabilitation **HIGHWAYS - ROADS**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H064513**

PROJECT DESCRIPTION / JUSTIFICATION:

Funds are to be utilitzed 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., corrogated 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	300,000	5,000	305,000	5,000	5,000	5,000	5,000	5,000	330,000
Land Acquisition			0						0
Construction	1,326,231	110,000	1,436,231	110,000	110,000	110,000	110,000	110,000	1,986,231
Inspection Fees	140,000	10,000	150,000	10,000	10,000	10,000	10,000	10,000	200,000
Equipment/Furnishing			0						0
Total Cost	1,766,231	125,000	1,891,231	125,000	125,000	125,000	125,000	125,000	2,516,231
FUNDING SCHEDULE									
R8750 Paygo	1,766,231	125,000	1,891,231	125,000	125,000	125,000	125,000	125,000	2,516,231
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,766,231	125,000	1,891,231	125,000	125,000	125,000	125,000	125,000	2,516,231

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,621,761
Encumbered	0
Total	$1,621,761

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	75,000	5,000	80,000	10,000	10,000	10,000	10,000	10,000	130,000
Land Acquisition			0						0
Construction	555,000	40,000	595,000	100,000	100,000	100,000	100,000	100,000	1,095,000
Inspection Fees	70,000	5,000	75,000	10,000	10,000	10,000	10,000	10,000	125,000
Equipment/Furnishing			0						0
Total Cost	700,000	50,000	750,000	120,000	120,000	120,000	120,000	120,000	1,350,000
FUNDING SCHEDULE									
R8750 Paygo	700,000	50,000	750,000	120,000	120,000	120,000	120,000	120,000	1,350,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	700,000	50,000	750,000	120,000	120,000	120,000	120,000	120,000	1,350,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	590,415
Encumbered	2,845
Total	$593,260

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	5,000	35,000	40,000	10,000	10,000	10,000	10,000	10,000	90,000
Land Acquisition			0						0
Construction	104,601	250,000	354,601	120,000	120,000	120,000	120,000	120,000	954,601
Inspection Fees		15,000	15,000	5,000	5,000	5,000	5,000	5,000	40,000
Equipment/Furnishing			0						0
Total Cost	109,601	300,000	409,601	135,000	135,000	135,000	135,000	135,000	1,084,601
FUNDING SCHEDULE									
R8750 Paygo		300,000	300,000	135,000	135,000	135,000	135,000	135,000	975,000
R8770 Reappropriated	109,601		109,601						109,601
			0						0
			0						0
			0						0
			0						0
Total Funds	109,601	300,000	409,601	135,000	135,000	135,000	135,000	135,000	1,084,601

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

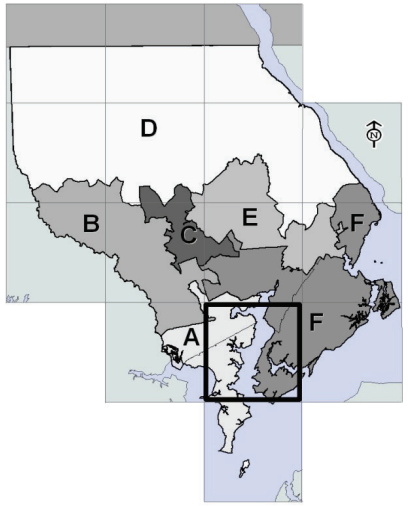
Expended	6,160
Encumbered	0
Total	$0

PROJECT: Washington Court Access Road **HIGHWAYS - ROADS**

COUNCIL DISTRICT: A **LOCATION: Edgewood** **NEW**

PROJECT DESCRIPTION / JUSTIFICATION:

This project is for new access road (approximately 800' long) to the Washington Court Property off of Cedar Lane in Edgewoood. 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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	0	2,150,000	2,150,000	0	0	0	0	0	2,150,000
FUNDING SCHEDULE									
R7000 Future Bonds		2,150,000	2,150,000						2,150,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	2,150,000	2,150,000	0	0	0	0	0	2,150,000

Est. Annual Debt Service Cost
$59,985

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	
Encumbered	
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 pennisula, 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:

FY21 - Design & Utility Relocation
FY22 - Construction / Golf Course and Site Prep
FY23 - Road Construction

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	1,250,000		1,250,000						1,250,000
Land Acquisition			0						0
Construction		1,000,000	1,000,000	5,000,000					6,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,250,000	1,000,000	2,250,000	5,000,000	0	0	0	0	7,250,000
FUNDING SCHEDULE									
R7100 Prior Bonds	1,250,000		1,250,000						1,250,000
R7000 Future Bonds		1,000,000	1,000,000	5,000,000					6,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,250,000	1,000,000	2,250,000	5,000,000	0	0	0	0	7,250,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial activity as of 3/1/20:

Expended	1,256
Encumbered	0
Total	$1,256

OUTYEAR PROJECTS

FY 22 - FY 26

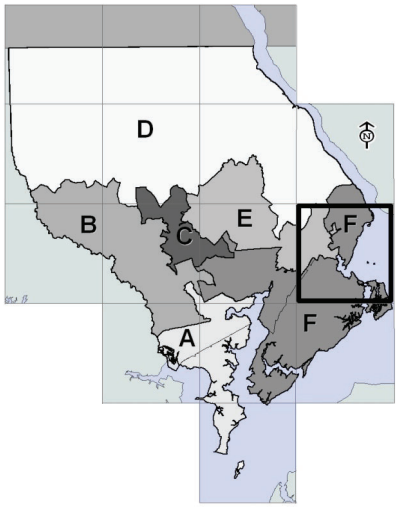
PROJECT: Carrs Mill Road (MD152 - Grafton Shop Road) **HIGHWAYS - ROADS**

COUNCIL DISTRICT: F **LOCATION:** **New**

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	0	100,000	100,000	0	0	200,000

FUNDING SCHEDULE

R8750 Paygo			0		100,000	100,000			200,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	100,000	100,000	0	0	200,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	0
Encumbered	0
Total	$0

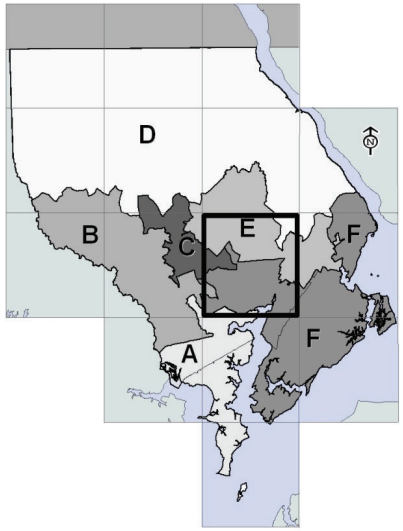
PROJECT: Tollgate Road / Vale Road Corridor **HIGHWAYS - ROADS**

COUNCIL DISTRICT: B **LOCATION: Bel Air / Fallston** **New**

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. Add'l 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, Design Phase 2
Outyears - Construction Phase 2

PROJECT STATUS:

New project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0	200,000	200,000				400,000
Land Acquisition			0						0
Construction			0		400,000				400,000
Inspection Fees			0		50,000				50,000
Equipment/Furnishing			0						0
Total Cost	0	0	0	200,000	650,000	0	0	0	850,000

FUNDING SCHEDULE

R8750 Paygo			0	200,000	650,000				850,000
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	200,000	650,000	0	0	0	850,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	0
Encumbered	0
Total	$0

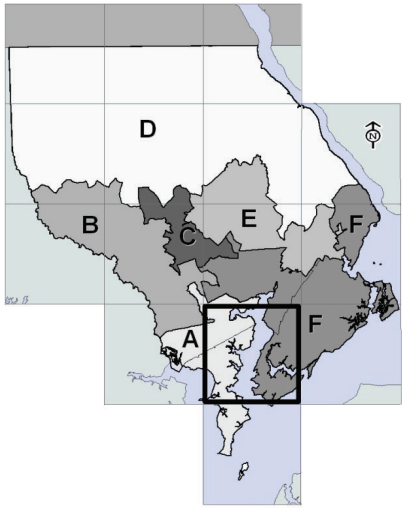
PROJECT: Trimble Road (Joppa Road to Garnett Road) **HIGHWAYS - ROADS**

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:

FY22 - Engineering
FY23 - R/W
FY25 - Construction

PROJECT STATUS:

Project is currently unfunded.

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	25,000		25,000	100,000					125,000
Land Acquisition			0		50,000				50,000
Construction			0					2,000,000	2,000,000
Inspection Fees			0					75,000	75,000
Equipment/Furnishing			0						0
Total Cost	25,000	0	25,000	100,000	50,000	0	0	2,075,000	2,250,000

FUNDING SCHEDULE

R8750 Paygo	25,000		25,000	100,000	50,000			2,075,000	2,250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	25,000	0	25,000	100,000	50,000	0	0	2,075,000	2,250,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	$0

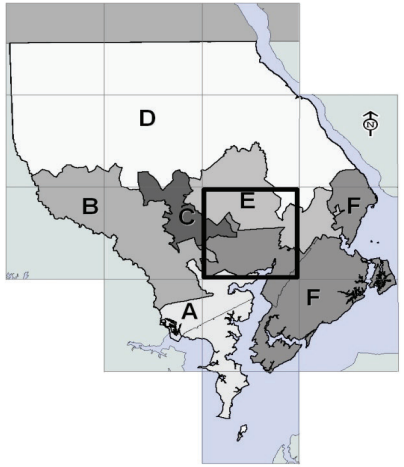
OPEN/ACTIVE PROJECTS

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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 3/1/20:

Expended	255,377
Encumbered	0
Total	$255,377

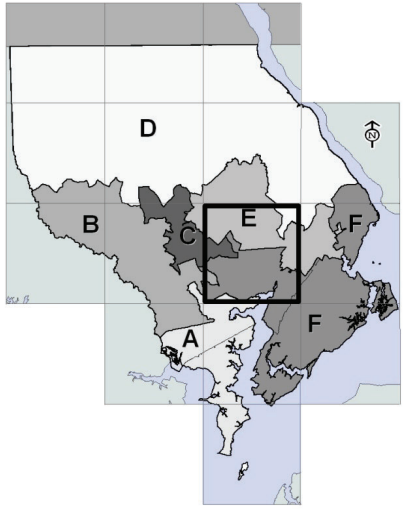
PROJECT: Moores Mill Road **HIGHWAYS - ROADS**

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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
$187,794

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

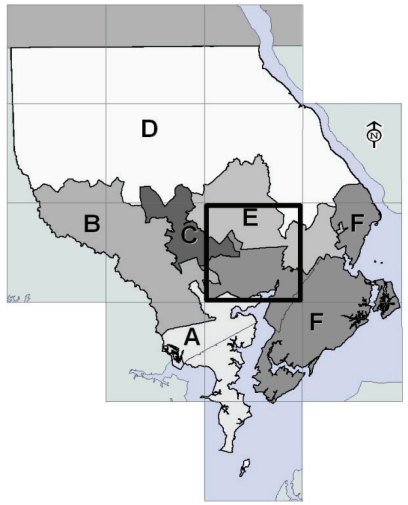
Expended	8,402,947
Encumbered	768,518
Total	$9,171,465

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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 3/1/20:

Expended	715,128
Encumbered	0
Total	$715,128

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
RESURFACING								
FY 21 Funded Projects:								
Resurfacing Roadways	79,322,870	20,943,262	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Open Projects:								
Resurfacing Roadways 14	6,661,509	6,661,509	0	0	0	0	0	0
Resurfacing Roadways15	5,603,106	5,603,106	0	0	0	0	0	0
Resurfacing Roadways 16	5,292,842	5,292,842	0	0	0	0	0	0
Resurfacing Roadways 17	5,002,435	5,002,435	0	0	0	0	0	0
Resurfacing Total by Project	101,882,762	43,503,154	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Paygo	92,015,219	43,390,219	0	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000
Reappropriated	112,935	112,935	0	0	0	0	0	0
Prior Paygo	9,754,608	0	9,754,608	0	0	0	0	0
Resurfacing Total by Fund	101,882,762	43,503,154	9,754,608	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
				FY 21 APPROVED CAPITAL BUDGET										
HIGHWAYS FUND														
HIGHWAYS														
RESURFACING														
Resurfacing Roadways	9,754,608	679,608	9,075,000	0	0		0		0	0	0	0	0	0
SUB-TOTAL RESURFACING	9,754,608	679,608	9,075,000	0	0		0	0	0	0	0	0	0	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 680+ 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:

FY 21 15 miles of resurfacing and 20 miles of preventative maintenance

PROJECT STATUS:

$679,608 in paygo is reallocated here from Glen Cove Road Bridge #156, Snake Lane Bridge #31, and Carrs Mill Road Bridge #216

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	225,000	75,000	300,000	75,000	75,000	75,000	75,000	75,000	675,000
Land Acquisition			0						0
Construction	20,268,262	9,429,608	29,697,870	9,000,000	9,200,000	9,400,000	9,600,000	9,800,000	76,697,870
Inspection Fees	450,000	250,000	700,000	250,000	250,000	250,000	250,000	250,000	1,950,000
Equipment/Furnishing			0						0
Total Cost	20,943,262	9,754,608	30,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	79,322,870
FUNDING SCHEDULE									
R8750 Paygo	20,880,017	9,075,000	29,955,017	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	78,580,017
R8750 Prior Paygo	63,245	679,608	742,853						742,853
			0						0
			0						0
			0						0
			0						0
Total Funds	20,943,262	9,754,608	30,697,870	9,325,000	9,525,000	9,725,000	9,925,000	10,125,000	79,322,870

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/1/20:

Expended	7,654,730
Encumbered	4,928,831
Total	$12,583,561

OPEN/ACTIVE PROJECTS

PROJECT: Resurfacing Roadways 14 **HIGHWAYS - RESURFACING**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H144505**

PROJECT DESCRIPTION / JUSTIFICATION:

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement. Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

PROJECT STATUS:

This project is closed and will be removed from CIP following completion of the audit in July, 2019.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 204	FY 2025	FY 2026	
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	6,336,509		6,336,509						6,336,509
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost	6,661,509	0	6,661,509	0	0	0	0	0	6,661,509
FUNDING SCHEDULE									
R8750 Paygo	6,280,000		6,280,000						6,280,000
R8089 Reappropriated Paygo	381,509		381,509						381,509
			0						0
			0						0
			0						0
			0						0
Total Funds	6,661,509	0	6,661,509	0	0	0	0	0	6,661,509

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	6,662,342
Encumbered	0
Total	$6,662,342

PROJECT: Resurfacing Roadways 15 **HIGHWAYS - RESURFACING**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H154506**

PROJECT DESCRIPTION / JUSTIFICATION:

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement.
This is a critical maintenance program for the upkeep of the County's pavement system. Not only does this work provide smoother and safer roadways, but it seals out water from the subbase, thereby drastically improving the life cycle of the pavement.
Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	5,278,106		5,278,106						5,278,106
Inspection Fees	250,000		250,000						250,000
Equipment/Furnishing			0						0
Total Cost	5,603,106	0	5,603,106	0	0	0	0	0	5,603,106
FUNDING SCHEDULE									
R8750 Paygo	4,815,000		4,815,000						4,815,000
R8089 Reappropriated Paygo	788,106		788,106						788,106
			0						0
			0						0
			0						0
			0						0
Total Funds	5,603,106	0	5,603,106	0	0	0	0	0	5,603,106

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	5,289,500
Encumbered	152,103
Total	$5,441,603

PROJECT: Resurfacing Roadways 16 **HIGHWAYS - RESURFACING**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H164502**

PROJECT DESCRIPTION / JUSTIFICATION:

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement.
This is a critical maintenance program for the upkeep of the County's pavement system. Not only does this work provide smoother and safer roadways, but it seals out water from the subbase, thereby drastically improving the life cycle of the pavement.
Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	75,000		75,000						75,000
Land Acquisition									0
Construction	5,042,842		5,042,842						5,042,842
Inspection Fees	175,000		175,000						175,000
Equipment/Furnishing									0
Total Cost	5,292,842	0	5,292,842	0	0	0	0	0	5,292,842
FUNDING SCHEDULE									
R8750 Paygo	4,000,000		4,000,000						4,000,000
R8089 Reappropriated Paygo	1,292,842		1,292,842						1,292,842
									0
									0
			0						0
			0						0
Total Funds	5,292,842	0	5,292,842	0	0	0	0	0	5,292,842

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	4,882,242
Encumbered	0
Total	$4,882,242

PROJECT: Resurfacing Roadways 17 **HIGHWAYS - RESURFACING**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H174503**

PROJECT DESCRIPTION / JUSTIFICATION:

This is an ongoing project activity to resurface the County's 630+ miles of asphalt pavement.
This is a critical maintenance program for the upkeep of the County's pavement system. Not only does this work provide smoother and safer roadways, but it seals out water from the subbase, thereby drastically improving the life cycle of the pavement.
Included in the cost is an item to upgrade/replace handicapped ramps per Federal ADA guidelines.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	75,000		75,000						75,000
Land Acquisition			0						0
Construction	4,752,435		4,752,435						4,752,435
Inspection Fees	175,000		175,000						175,000
Equipment/Furnishing			0						0
Total Cost	5,002,435	0	5,002,435	0	0	0	0	0	5,002,435
FUNDING SCHEDULE									
R8750 Paygo	4,889,500		4,889,500						4,889,500
R8770 Reappropriated	112,935		112,935						112,935
			0						0
			0						0
			0						0
			0						0
Total Funds	5,002,435	0	5,002,435	0	0	0	0	0	5,002,435

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	4,507,339
Encumbered	0
Total	$4,507,339

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
HIGHWAYS FUND								
OTHER								
FY 21 Funded Projects:								
APG Gate PILOT	2,500,000	2,500,000	0	0	0	0	0	0
Efficiency Capital Investment Project	555,000	315,000	40,000	40,000	40,000	40,000	40,000	40,000
Fleet Maintenance Facility	7,246,000	6,226,000	1,020,000	0	0	0	0	0
Fleet Replacement	28,242,000	14,142,000	2,000,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000
Highways Facilities Repair Program	2,027,000	1,107,000	220,000	300,000	100,000	100,000	100,000	100,000
Lease Revenue Highways	1,000,000	0	1,000,000	0	0	0	0	0
Refresh Program	990,500	690,500	50,000	50,000	50,000	50,000	50,000	50,000
Safeguarding Business Operations	4,087,450	3,637,450	75,000	75,000	75,000	75,000	75,000	75,000
Sidewalks and Handicapped Ramps	2,429,300	1,529,300	150,000	150,000	150,000	150,000	150,000	150,000
Open Projects:								
Fuel Dispensing System Upgrade	950,000	950,000	0	0	0	0	0	0
Glen Elyn Culvert and Ponds Repair	392,500	392,500	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	930,000	930,000	0	0	0	0	0	0
Primrose Place	146,000	146,000	0	0	0	0	0	0
Other Total by Project	51,495,750	32,565,750	4,555,000	2,815,000	2,815,000	2,915,000	2,915,000	2,915,000
Paygo	40,456,664	24,255,696	2,525,968	2,515,000	2,715,000	2,815,000	2,815,000	2,815,000
Future Bonds	1,940,000	0	1,240,000	300,000	100,000	100,000	100,000	100,000
Prior Bonds	6,326,000	6,326,000	0	0	0	0	0	0
Reappropriated	138,865	138,865	0	0	0	0	0	0
Federal	169,300	169,300	0	0	0	0	0	0
State	230,000	230,000	0	0	0	0	0	0
Developer/Other	1,234,921	1,445,889	(210,968)	0	0	0	0	0
Lease Finance	1,000,000	0	1,000,000	0	0	0	0	0
Other Total by Fund	51,495,750	32,565,750	4,555,000	2,815,000	2,815,000	2,915,000	2,915,000	2,915,000

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
					FY 21 APPROVED CAPITAL BUDGET									
HIGHWAYS FUND														
OTHER														
APG Gate PILOT	0	0	210,968	0	0		0	0	0	0	0	0	0	(210,968)
Efficiency Capital Investment Project	40,000	0	40,000	0	0		0	0	0	0	0	0	0	0
Fleet Maintenance Facility	1,020,000	0	0	0	1,020,000		0	0	0	0	0	0	0	0
Fleet Replacement	2,000,000	0	2,000,000	0	0		0	0	0	0	0	0	0	0
Highways Facilities Repair Program	220,000	0		0	220,000		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
Refresh Program	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
Safeguarding Business Operations	75,000	0	75,000	0	0		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	4,555,000	0	2,525,968	0	1,240,000	0	1,000,000	0	0	0	0	0	0	(210,968)

PROJECT: APG Gate PILOT **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H164503**

PROJECT DESCRIPTION / JUSTIFICATION:

Funds will be used to develop transportation/road improvements servicing Aberdeen Proving Ground or other surrounding business districts.

PROJECT SCHEDULE:

PROJECT STATUS:

Perryman Roundabout completed

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			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	1,492,611	210,968	1,703,579						1,703,579
R6999 Other	1,007,389	(210,968)	796,421						796,421
			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 3/1/20:

Expended	2,059,744
Encumbered	30,477
Total	$2,090,221

PROJECT: Efficiency Capital Investment Project **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H134507**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will continue the design and initiate site preparation to connect the Hickory II facility to natural gas following an energy efficiency completed in FY12. This study was based upon the premise that natural gas could be a more cost effective and energy efficient fuel source for the Hickory II facility.

PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	40,000		40,000						40,000
Land Acquisition									0
Construction	70,000	15,000	85,000	15,000	15,000	15,000	15,000	15,000	160,000
Inspection Fees									0
Equipment/Furnishing	205,000	25,000	230,000	25,000	25,000	25,000	25,000	25,000	355,000
Total Cost	315,000	40,000	355,000	40,000	40,000	40,000	40,000	40,000	555,000
FUNDING SCHEDULE									
R8750 Paygo	130,000	40,000	170,000	40,000	40,000	40,000	40,000	40,000	370,000
R6999 Other	10,000		10,000						10,000
R3399 State Other	150,000		150,000						150,000
R8089 Reappropriated Paygo	25,000		25,000						25,000
			0						0
			0						0
Total Funds	315,000	40,000	355,000	40,000	40,000	40,000	40,000	40,000	555,000

Est. Annual Debt Service Cost
$698

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

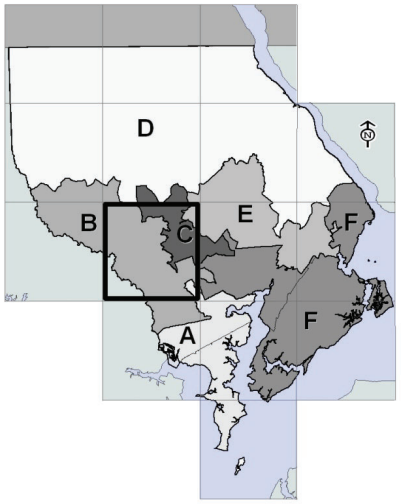
Expended	90,515
Encumbered	0
Total	$90,515

PROJECT: Fleet Maintenance Facility **HIGHWAYS - OTHER**

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:

FY19 - Design
FY20 - Construction

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	716,000		716,000						716,000
Land Acquisition			0						0
Construction	5,510,000	1,020,000	6,530,000						6,530,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	6,226,000	1,020,000	7,246,000	0	0	0	0	0	7,246,000
FUNDING SCHEDULE									
R7100 Prior Bonds	6,226,000		6,226,000						6,226,000
R7000 Future Bonds		1,020,000	1,020,000						1,020,000
			0						0
			0						0
			0						0
Total Funds	6,226,000	1,020,000	7,246,000	0	0	0	0	0	7,246,000

Est. Annual Debt Service Cost
$202,163

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	134,215
Encumbered	244,858
Total	$379,073

PROJECT: Fleet Replacement **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **H124507**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

This project will be managed/controlled by the Department of Procurement, Fleet Management Division.

PROJECT STATUS:

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	14,142,000	2,000,000	16,142,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	28,242,000
Total Cost	14,142,000	2,000,000	16,142,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	28,242,000
FUNDING SCHEDULE									
R8750 Paygo	14,142,000	2,000,000	16,142,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	28,242,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	14,142,000	2,000,000	16,142,000	2,200,000	2,400,000	2,500,000	2,500,000	2,500,000	28,242,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/1/20:

Expended	11,922,290
Encumbered	1,556,177
Total	$13,478,467

PROJECT: Highways Facilities Repair Program **HIGHWAYS - OTHER**

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:

FY 22 - Salt Dome construction coordinated with Parks & Recreations construction of Norrisville Park

PROJECT STATUS:

Ongoing Program

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	125,000	44,000	169,000	25,000	5,000	5,000	5,000	5,000	214,000
Land Acquisition			0						0
Construction	927,000	167,200	1,094,200	250,000	90,000	90,000	90,000	90,000	1,704,200
Inspection Fees	55,000	8,800	63,800	25,000	5,000	5,000	5,000	5,000	108,800
Equipment/Furnishing			0						0
Total Cost	1,107,000	220,000	1,327,000	300,000	100,000	100,000	100,000	100,000	2,027,000
FUNDING SCHEDULE									
R8750 Paygo	1,007,000		1,007,000						1,007,000
R7100 Prior Bonds	100,000		100,000						100,000
R7000 Future Bonds		220,000	220,000	300,000	100,000	100,000	100,000	100,000	920,000
			0						0
			0						0
			0						0
Total Funds	1,107,000	220,000	1,327,000	300,000	100,000	100,000	100,000	100,000	2,027,000

Est. Annual Debt Service Cost
$8,928

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	962,914
Encumbered	0
Total	$962,914

PROJECT: Lease Revenue Highways **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		1,000,000	1,000,000						1,000,000
Total Cost	0	1,000,000	1,000,000	0	0	0	0	0	1,000,000
FUNDING SCHEDULE									
R7150 - Lease Finance		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	1,000,000	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

Expended	
Encumbered	
Total	$0

PROJECT: Refresh Program **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION:** Countywide **H134511**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	690,500	50,000	740,500	50,000	50,000	50,000	50,000	50,000	990,500
Total Cost	690,500	50,000	740,500	50,000	50,000	50,000	50,000	50,000	990,500
FUNDING SCHEDULE									
R8750 Paygo	626,635	50,000	676,635	50,000	50,000	50,000	50,000	50,000	926,635
R8089 Reappropriated Paygo	63,865		63,865						63,865
			0						0
			0						0
			0						0
			0						0
Total Funds	690,500	50,000	740,500	50,000	50,000	50,000	50,000	50,000	990,500

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/1/20:

Expended	487,621
Encumbered	6,342
Total	$493,963

PROJECT: Safeguarding Business Operations **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION:** Countywide **H114507**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,637,450	75,000	3,712,450	75,000	75,000	75,000	75,000	75,000	4,087,450
Total Cost	3,637,450	75,000	3,712,450	75,000	75,000	75,000	75,000	75,000	4,087,450
FUNDING SCHEDULE									
R8750 Paygo	3,637,450	75,000	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	3,637,450	75,000	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 3/1/20:

Expended	3,170,574
Encumbered	85,888
Total	$3,256,462

PROJECT: Sidewalks and Handicapped Ramps **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **H104512**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides for the construction of sidewalks to interconnect communities, schools, and commercial areas. The project will benefit air quality and congestion by encouraging local walking trips and will improve safety by separating pedestrians and motor vehicles.

This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations.

PROJECT SCHEDULE:

Ongoing Program

PROJECT STATUS:

Ongoing Program

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	95,000	10,000	105,000	10,000	10,000	10,000	10,000	10,000	155,000
Land Acquisition	35,000	5,000	40,000	5,000	5,000	5,000	5,000	5,000	65,000
Construction	1,314,300	125,000	1,439,300	125,000	125,000	125,000	125,000	125,000	2,064,300
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	1,529,300	150,000	1,679,300	150,000	150,000	150,000	150,000	150,000	2,429,300
FUNDING SCHEDULE									
R8750 Paygo	1,150,000	150,000	1,300,000	150,000	150,000	150,000	150,000	150,000	2,050,000
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
R8089 Reappropriated Paygo	50,000		50,000						50,000
R3399 State Other	80,000		80,000						80,000
Total Funds	1,529,300	150,000	1,679,300	150,000	150,000	150,000	150,000	150,000	2,429,300

Est. Annual Debt Service Cost
$4,723

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,044,848
Encumbered	192,796
Total	$1,237,644

OPEN/ACTIVE PROJECTS

PROJECT: Fuel Dispensing System Upgrade **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **H064508**

PROJECT DESCRIPTION / JUSTIFICATION:

Project is for the upgrade of the County's fuel dispensing system at Abingdon. Replacing tanks and pumps are necessary as they have passed their useful life. Current size can not handle increased demand and cannot meet new regulation requirements.

PROJECT SCHEDULE:

PROJECT STATUS:

This project will be closed after completion of audit, July 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2019 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
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 3/1/20:

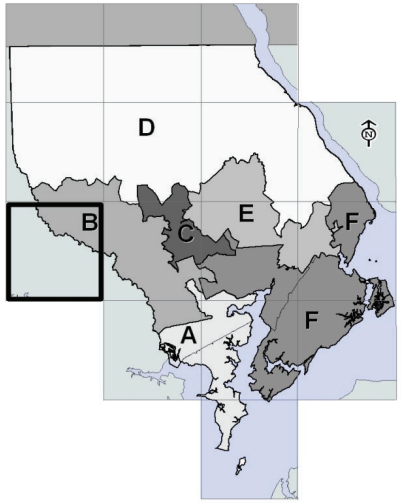
Expended	949,273
Encumbered	0
Total	$949,273

PROJECT: Glen Elyn Culvert and Ponds Repair **HIGHWAYS - OTHER**

COUNCIL DISTRICT: B **LOCATION: Upper Crossroads** **H024504**

PROJECT DESCRIPTION / JUSTIFICATION:

The culvert running from the Glen Elyn stormwater management pond under Forest Glen Drive has deteriorated. This project replaced the pipe with a reinforced concrete pipe that will be more resistant to deterioration and failures. This project is consistent with the Master Planning goal of maintaining a safe and adequate transportation system to serve existing and future populations



PROJECT SCHEDULE:

PROJECT STATUS:

This project remains open to accept special assessments from the community to reimburse some of the costs for this project.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2020 Budget	Appropriation Total	Five Year Capital Program FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL PROJECT COST
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 3/1/20:

Expended	392,500
Encumbered	0
Total	$392,500

PROJECT: Harford County Metro Area Network (HMAN) **HIGHWAYS - OTHER**

COUNCIL DISTRICT: MULTIPLE **LOCATION:** Countywide **H134509**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT 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 3/1/2020:

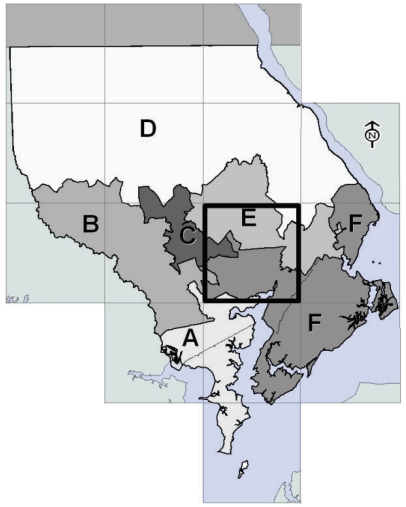
Expended	925,809
Encumbered	93
Total	$925,902

PROJECT: Primrose Place **HIGHWAYS - OTHER**

COUNCIL DISTRICT: F **LOCATION: Riverside** **H034508**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provided funding to identify the properties to be benefited and to establish an assessment basis and annual assessment for the Primrose Place Project.



PROJECT SCHEDULE:

PROJECT STATUS:

This project remains open to accept special assessments.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2020 Budget	Appropriation Total	Five Year Capital Program FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL PROJECT COST
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 3/1/20:

Expended	132,605
Encumbered	0
Total	$132,605

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
WATER & SEWER FUND								
WATER PROJECTS								
FY 21 Funded Projects:								
Abingdon WTP Switch Gear/Generator Upgrade	2,150,000	150,000	1,500,000	500,000	0	0	0	0
Fleet Maintenance Facility	1,420,000	1,220,000	200,000	0	0	0	0	0
Fleet Replacement	10,922,000	6,122,000	800,000	800,000	800,000	800,000	800,000	800,000
Lease Revenue Water and Sewer	1,000,000	0	1,000,000	0	0	0	0	0
Magnolia Booster Station	1,550,000	1,450,000	100,000	0	0	0	0	0
MDTA I-95 Improvements	1,750,000	0	250,000	1,500,000	0	0	0	0
Refresh Program	1,017,000	717,000	50,000	50,000	50,000	50,000	50,000	50,000
Renewal and Replacement Water Infrastructure	2,750,000	1,700,000	300,000	150,000	150,000	0	150,000	300,000
Safeguarding Business Operations	4,291,650	3,841,650	75,000	75,000	75,000	75,000	75,000	75,000
SCADA Information Management Systems	4,750,000	1,100,000	100,000	800,000	250,000	2,500,000	0	0
SHA Improvement Project	2,210,000	460,000	200,000	350,000	400,000	300,000	0	500,000
Tank Painting	4,850,000	2,400,000	(2,100,000)	800,000	850,000	900,000	1,000,000	1,000,000
Water and Sewer Billing Project	2,500,000	1,500,000	1,000,000	0	0	0	0	0
Water and Sewer Facilities Repair Program	1,250,000	250,000	250,000	0	0	500,000	250,000	0
Water & Sewer Infrastructure Improvement Projects	7,100,000	1,100,000	1,000,000	1,000,000	0	2,000,000	1,000,000	1,000,000
Water Meter Upgrade	2,960,000	1,710,000	250,000	250,000	0	250,000	250,000	250,000
Water Zone Improvements	1,580,000	830,000	200,000	150,000	0	200,000	0	200,000
Outyear Projects:								
Central W&S Laboratory	3,085,000	85,000	0	0	0	0	0	3,000,000
Perryman Wellfield Improvements	3,850,000	350,000	0	0	0	3,500,000	0	0
US 40 Water Main Replacement	3,200,000	200,000	0	500,000	0	500,000	0	2,000,000
Water Tank Design and Construction	3,700,000	300,000	0	0	0	400,000	3,000,000	0
Open Projects:								
Abingdon Road Water	3,300,000	3,300,000	0	0	0	0	0	0
Abingdon Water Treatment Plant pH Control System	2,750,000	2,750,000	0	0	0	0	0	0
City of Baltimore - Deer Creek Pump Station and Valve Imp	3,700,000	3,700,000	0	0	0	0	0	0
City of Baltimore Raw Water Supply	3,300,000	3,300,000	0	0	0	0	0	0
Efficiency Capital Investment Projects	430,000	430,000	0	0	0	0	0	0
Harford County Metro Area Network (HMAN)	1,220,000	1,220,000	0	0	0	0	0	0
Havre de Grace Water Treatment Plant Upgrade	1,150,000	1,150,000	0	0	0	0	0	0
Infrastructure Management System Enhancements	425,000	425,000	0	0	0	0	0	0
Oak Grove Booster Station	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
Tank Painting FY 15	800,000	800,000	0	0	0	0	0	0
Tank Painting FY 16	700,000	700,000	0	0	0	0	0	0
Underground and Aboveground Storage Tank Management	50,000	50,000	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
Water System Model Study	300,000	300,000	0	0	0	0	0	0
Water Total by Project	93,490,650	51,090,650	5,175,000	6,925,000	2,575,000	11,975,000	6,575,000	9,175,000
Paygo	50,735,284	22,885,284	2,925,000	4,975,000	2,175,000	7,475,000	6,425,000	3,875,000
Prior Paygo	(1,000,000)	0	(1,000,000)	0	0	0	0	0
Future Bonds	14,550,000	0	2,250,000	1,950,000	400,000	4,500,000	150,000	5,300,000
Prior Bonds	25,185,000	25,185,000	0	0	0	0	0	0
Reappropriated	2,340,366	2,340,366	0	0	0	0	0	0
State	380,000	380,000	0	0	0	0	0	0
Lease Finance	1,000,000	0	1,000,000	0	0	0	0	0
Developer/Other	300,000	300,000	0	0	0	0	0	0
Water Total by Fund	93,490,650	51,090,650	5,175,000	6,925,000	2,575,000	11,975,000	6,575,000	9,175,000

FY 21 APPROVED CAPITAL BUDGET

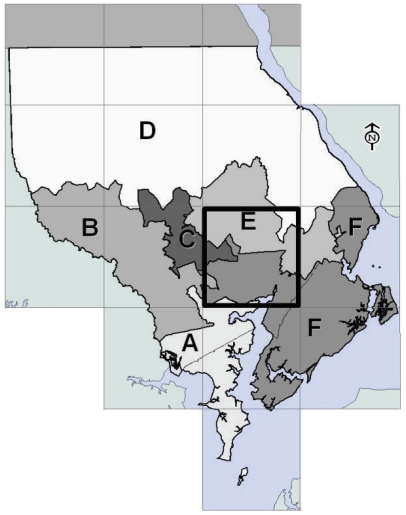
PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
WATER & SEWER FUND														
WATER PROJECTS														
Abingdon WTP Switch Gear/Generator Upgrade	1,500,000	0	0	0	1,500,000		0	0	0	0	0	0	0	0
Fleet Maintenance Facility	200,000	0	0	0	200,000		0	0	0	0	0	0	0	0
Fleet Replacement	800,000	0	800,000	0	0		0	0	0	0	0	0	0	0
Lease Revenue Water and Sewer	1,000,000	0	0	0	0		1,000,000	0	0	0	0	0	0	0
Magnolia Booster Station	100,000	100,000	0	0	0		0	0	0	0	0	0	0	0
MDTA I-95 Improvements	250,000	0	250,000	0	0		0	0	0	0	0	0	0	0
Refresh Program	50,000	0	50,000	0	0		0	0	0	0	0	0	0	0
Renewal and Replacement Water Infrastructure	300,000	0	0	0	300,000		0	0	0	0	0	0	0	0
Safeguarding Busines Operations	75,000	0	75,000	0	0		0	0	0	0	0	0	0	0
SCADA Information Management Systems	100,000	0	100,000	0	0		0	0	0	0	0	0	0	0
SHA Improvement Projects	200,000	0	200,000	0	0		0	0	0	0	0	0	0	0
Tank Painting	(2,100,000)	(2,100,000)	0	0	0		0	0	0	0	0	0	0	0
Water and Sewer Billing Project	1,000,000	1,000,000	0	0	0		0	0	0	0	0	0	0	0
Water and Sewer Facilities Repair Program	250,000	0	0	0	250,000		0	0	0	0	0	0	0	0
Water & Sewer Infrastructure Improvements Projects	1,000,000	0	1,000,000	0	0		0	0	0	0	0	0	0	0
Water Meter Upgrade	250,000	0	250,000	0	0		0	0	0	0	0	0	0	0
Water Zone Improvements	200,000	0	200,000	0	0		0	0	0	0	0	0	0	0
SUB-TOTAL WATER PROJECTS	5,175,000	(1,000,000)	2,925,000	0	2,250,000	0	1,000,000	0	0	0	0	0	0	0

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:

Design FY2020
Construction FY2021-2022

PROJECT STATUS:

Design scope development

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	150,000	0	150,000	0	0	0	0	0	150,000
Land Acquisition	0		0						0
Construction	0	1,500,000	1,500,000	500,000	0	0	0	0	2,000,000
Inspection Fees	0		0						0
Equipment/Furnishing	0		0						0
Total Cost	150,000	1,500,000	1,650,000	500,000	0	0	0	0	2,150,000
FUNDING SCHEDULE									
R7000 Future Bonds	0	1,500,000	1,500,000	500,000					2,000,000
R7100 Prior Bonds	150,000		150,000						150,000
R8089 Reappropriated Paygo	0		0						0
	0		0						0
	0		0						0
	0		0						0
Total Funds	150,000	1,500,000	1,650,000	500,000	0	0	0	0	2,150,000

Est. Annual Debt Service Cost
$46,035

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

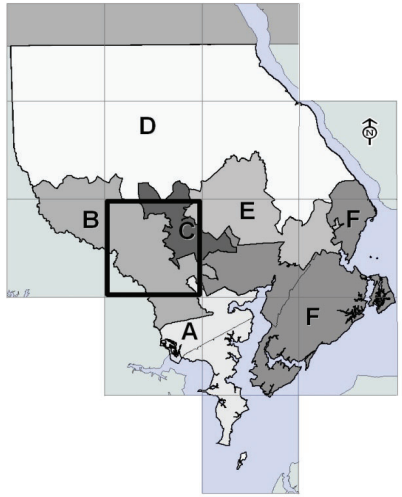
Financial Activity as of: 3/1/2020	
Expended	0
Encumbered	0
Total	$0

PROJECT: Fleet Maintenance Facility **WATER**

COUNCIL DISTRICT: C **LOCATION: Hickory** **O186037**

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:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2020 Budget	Appropriation Total	Five Year Capital Program FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL PROJECT COST
Engineering/Design	140,000		140,000						140,000
Land Acquisition			0						0
Construction	1,080,000	200,000	1,280,000						1,280,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,220,000	200,000	1,420,000	0	0	0	0	0	1,420,000
FUNDING SCHEDULE									
R7100 Prior Bonds	1,220,000		1,220,000						1,220,000
R7000 Future Bonds		200,000	200,000						200,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,220,000	200,000	1,420,000	0	0	0	0	0	1,420,000

Est. Annual Debt Service Cost
$39,618

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	26,482
Encumbered	48,972
Total	$75,454

PROJECT: Fleet Replacement **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **O126727**

PROJECT DESCRIPTION / JUSTIFICATION:

Provide funds for the replacement of essential vehicles and equipment to enable using agencies to perform their critical jobs.
Funds will allow the county to maintain a consistent rotation, which lowers maintenance costs, fuel efficiency, and fleet availability.
Units to be replaced are on average 10 years old which have high mileage and are unreliable.

PROJECT SCHEDULE:

This project will be managed/controlled by the Department of Procurement, Fleet Management Division.

PROJECT STATUS:

This project is ongoing.

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			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	6,122,000	800,000	6,922,000	800,000	800,000	800,000	800,000	800,000	10,922,000
Total Cost	6,122,000	800,000	6,922,000	800,000	800,000	800,000	800,000	800,000	10,922,000
FUNDING SCHEDULE									
R8750 Paygo	5,588,621	800,000	6,388,621	800,000	800,000	800,000	800,000	800,000	10,388,621
R8089 Reappropriated Paygo	533,379		533,379						533,379
			0						0
			0						0
			0						0
			0						0
Total Funds	6,122,000	800,000	6,922,000	800,000	800,000	800,000	800,000	800,000	10,922,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
		X	

Financial Activity as of 3/1/20:

Expended	$ 3,989,304
Encumbered	$ 128,770
Total	$ 4,118,074

PROJECT: Lease Revenue General **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **New**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing		1,000,000	1,000,000						1,000,000
Total Cost	0	1,000,000	1,000,000	0	0	0	0	0	1,000,000
FUNDING SCHEDULE									
R7150 - Lease Finance		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	1,000,000	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

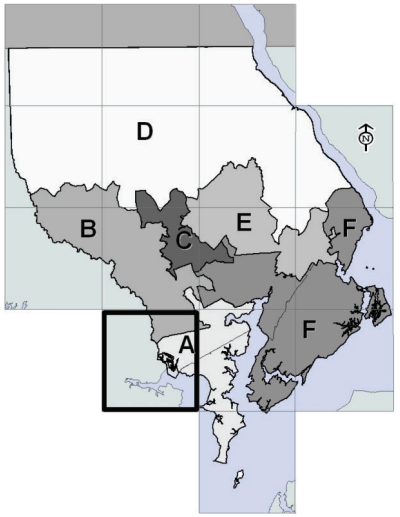
Expended	
Encumbered	
Total	$0

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.
Reallocated prior paygo from Tank Painting W176668 @ $100,000.



PROJECT SCHEDULE:

Design complete in 2018
Construction in 2020

PROJECT STATUS:

100% Design is complete. Construction in 2020-2021

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	200,000	100,000	300,000						300,000
Land Acquisition			0						0
Construction	1,250,000		1,250,000						1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,450,000	100,000	1,550,000	0	0	0	0	0	1,550,000
FUNDING SCHEDULE									
R7100 Prior Bonds	1,450,000		1,450,000						1,450,000
R7000 Future Bonds			0						0
8750 Prior Paygo		100,000	100,000						100,000
			0						0
			0						0
			0						0
Total Funds	1,450,000	100,000	1,550,000	0	0	0	0	0	1,550,000

Est. Annual Debt Service Cost
$40,455

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/1/2020

Expended		169,126
Encumbered		148,161
Total	$	317,287

PROJECT: MDTA I-95 Improvements **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **NEW**

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design		250,000	250,000						250,000
Land Acquisition			0						0
Construction			0	1,500,000					1,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	250,000	250,000	1,500,000	0	0	0	0	1,750,000
FUNDING SCHEDULE									
R8750 Paygo		250,000	250,000	1,500,000					1,750,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	250,000	250,000	1,500,000	0	0	0	0	1,750,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity	
Expended	0
Encumbered	0
Total	$0

PROJECT: Refresh Program **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **O136733**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

This project will be managed/controlled by the Department of ICT

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	717,000	50,000	767,000	50,000	50,000	50,000	50,000	50,000	1,017,000
Total Cost	717,000	50,000	767,000	50,000	50,000	50,000	50,000	50,000	1,017,000
FUNDING SCHEDULE									
R8750 Paygo	717,000	50,000	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	717,000	50,000	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 3/1/20:

Expended	$	517,044
Encumbered	$	6,107
Total	$	523,151

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	200,000		200,000						200,000
Land Acquisition			0						0
Construction	1,500,000	300,000	1,800,000	150,000	150,000		150,000	300,000	2,550,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,700,000	300,000	2,000,000	150,000	150,000	0	150,000	300,000	2,750,000

FUNDING SCHEDULE

R8750 Paygo	400,000		400,000						400,000
R7100 Prior Bonds	1,300,000		1,300,000						1,300,000
R7000 Future Bonds		300,000	300,000	150,000	150,000		150,000	300,000	1,050,000
			0						0
			0						0
			0						0
Total Funds	1,700,000	300,000	2,000,000	150,000	150,000	0	150,000	300,000	2,750,000

Est. Annual Debt Service Cost
$44,640

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$	215,411
Encumbered	$	300,000
Total	$	515,411

PROJECT: Safeguarding Business Operations **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **O116716**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

This project will be managed/controlled by the Department of ICT

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing	3,841,650	75,000	3,916,650	75,000	75,000	75,000	75,000	75,000	4,291,650
Total Cost	3,841,650	75,000	3,916,650	75,000	75,000	75,000	75,000	75,000	4,291,650
FUNDING SCHEDULE									
R8750 Paygo	3,841,650	75,000	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	3,841,650	75,000	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 3/1/20:

Expended	$ 3,358,887
Encumbered	$ 89,886
Total	$ 3,448,773

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 2020
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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	850,000	100,000	950,000	800,000	250,000	2,500,000			4,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,100,000	100,000	1,200,000	800,000	250,000	2,500,000	0	0	4,750,000

FUNDING SCHEDULE

R8750 Paygo	1,100,000	100,000	1,200,000			2,500,000			3,700,000
R7000 Future Bonds			0	800,000	250,000				1,050,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,100,000	100,000	1,200,000	800,000	250,000	2,500,000	0	0	4,750,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

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:

TBD

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	300,000	200,000	500,000						500,000
Land Acquisition			0						0
Construction	160,000		160,000	350,000	400,000	300,000		500,000	1,710,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	460,000	200,000	660,000	350,000	400,000	300,000	0	500,000	2,210,000
FUNDING SCHEDULE									
R8750 Paygo	460,000	200,000	660,000	350,000	400,000	300,000		500,000	2,210,000
R7000 Future Bonds			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	460,000	200,000	660,000	350,000	400,000	300,000	0	500,000	2,210,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

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:

One tank painting - FY2022

Reallocate prior Paygo to:

(1,000,000)	W&S Billing O156007
(1,000,000)	Sod Run Improvements S126724
(100,000)	Magnolia Booster W106709
(2,100,000)	

PROJECT STATUS:

This is an ongoing project to maintain the County's Water Tanks.

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			0						0
Land Acquisition			0						0
Construction	2,400,000	(2,100,000)	300,000	800,000	850,000	900,000	1,000,000	1,000,000	4,850,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,400,000	(2,100,000)	300,000	800,000	850,000	900,000	1,000,000	1,000,000	4,850,000
FUNDING SCHEDULE									
R8750 Prior Paygo	2,400,000	(2,100,000)	300,000						300,000
R8750 Paygo			0	800,000	850,000	900,000	1,000,000	1,000,000	4,550,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,400,000	(2,100,000)	300,000	800,000	850,000	900,000	1,000,000	1,000,000	4,850,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$ 270,671
Encumbered	0
Total	$ 270,671

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 scope in development

FY 21 funds reallocated from Tank Painting W176668.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	1,500,000	1,000,000	2,500,000						2,500,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,500,000	1,000,000	2,500,000	0	0	0	0	0	2,500,000
FUNDING SCHEDULE									
R8750 Paygo	1,500,000		1,500,000						1,500,000
R8750 Prior Paygo		1,000,000	1,000,000						1,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,500,000	1,000,000	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 3/1/20:

Expended	0
Encumbered	0
Total	0

PROJECT: Water & Sewer Facilities Repair Program **WATER**

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:

Sod Run grit building roof
Pumping station #47 HVAC
Various pumping stations paving projects

PROJECT STATUS:

Design and construction summer 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	250,000	250,000	500,000			500,000	250,000		1,250,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	250,000	250,000	500,000	0	0	500,000	250,000	0	1,250,000
FUNDING SCHEDULE									
R7100 Prior Bonds	250,000		250,000						250,000
R7000 Future Bonds		250,000	250,000			500,000	250,000		1,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	250,000	250,000	500,000	0	0	500,000	250,000	0	1,250,000

Est. Annual Debt Service Cost
$13,950

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	48,979
Encumbered	0
Total	48,979

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

PROJECT STATUS:

Various improvements are continuously being studied, designed and 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	300,000		300,000						300,000
Land Acquisition			0						0
Construction	800,000	1,000,000	1,800,000	1,000,000		2,000,000	1,000,000	1,000,000	6,800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,100,000	1,000,000	2,100,000	1,000,000	0	2,000,000	1,000,000	1,000,000	7,100,000
FUNDING SCHEDULE									
R8750 Paygo	800,000	1,000,000	1,800,000	1,000,000		2,000,000	1,000,000	1,000,000	6,800,000
R6330 Developer	300,000		300,000						300,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,100,000	1,000,000	2,100,000	1,000,000	0	2,000,000	1,000,000	1,000,000	7,100,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	0

PROJECT: Water Meter Upgrade **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **W136729**

PROJECT DESCRIPTION / JUSTIFICATION:

This project shall allow for the purchase and installation of replacement water meters and encoder receiver transmitter (ERT) to enable the meters to be read more efficiently by vehicle mounted radio systems. This project will convert the approximately 7,000 remaining older meters to provide for improved efficiency in terms of read time. 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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0						0
Land Acquisition			0						0
Construction	770,000	250,000	1,020,000	250,000		250,000	250,000	250,000	2,020,000
Inspection Fees			0						0
Equipment/Furnishing	940,000		940,000						940,000
Total Cost	1,710,000	250,000	1,960,000	250,000	0	250,000	250,000	250,000	2,960,000
FUNDING SCHEDULE									
R8750 Paygo	1,710,000	250,000	1,960,000	250,000		250,000	250,000	250,000	2,960,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,710,000	250,000	1,960,000	250,000	0	250,000	250,000	250,000	2,960,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$ 1,318,579
Encumbered	$ 177,050
Total	$ 1,495,629

PROJECT: Water Zone Improvements **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **W146660**

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:

Harford Commons meter vault and backflow prevention design/construction 2019
Woodsdale apartments back flow preventer 2020-2021

PROJECT STATUS:

This is an ongoing project to maintain the condition of critical water infrastructure

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	100,000		100,000						100,000
Land Acquisition			0						0
Construction	730,000	200,000	930,000	150,000	0	200,000	0	200,000	1,480,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	830,000	200,000	1,030,000	150,000	0	200,000	0	200,000	1,580,000
FUNDING SCHEDULE									
R8089 Reappropriated Paygo	300,000		300,000						300,000
R8750 Paygo	530,000	200,000	730,000	150,000	0	200,000	0	200,000	1,280,000
			0						0
			0						0
			0						0
Total Funds	830,000	200,000	1,030,000	150,000	0	200,000	0	200,000	1,580,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of:

Expended	$	179,129
Encumbered	$	16,854
Total	$	195,983

OUTYEAR PROJECTS

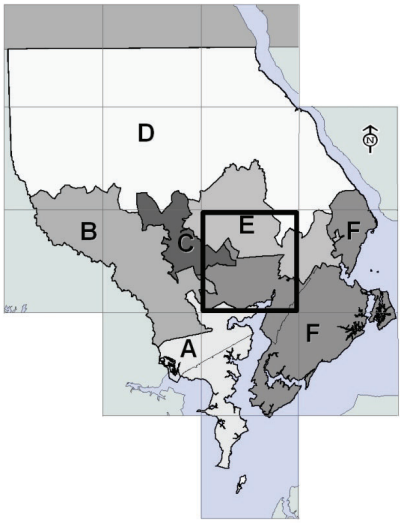
FY 22 - FY 26

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:

Preliminary design stage

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	85,000		85,000	0					85,000
Land Acquisition			0						0
Construction			0					3,000,000	3,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	85,000	0	85,000	0	0	0	0	3,000,000	3,085,000
FUNDING SCHEDULE									
R7000 Future Bonds			0	0				3,000,000	3,000,000
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	0	3,000,000	3,085,000

Est. Annual Debt Service Cost
$2,372

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/1/2020

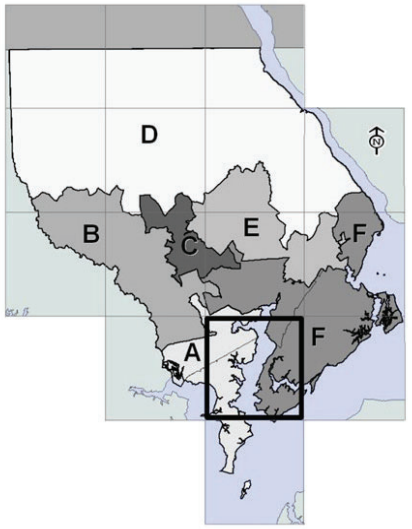
Expended	0
Encumbered	0
Total	0

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:

Hydrogeological Study & Design FY19
Design in 2020-2021

PROJECT STATUS:

Design scope development; design NTP in late 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$4,185

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

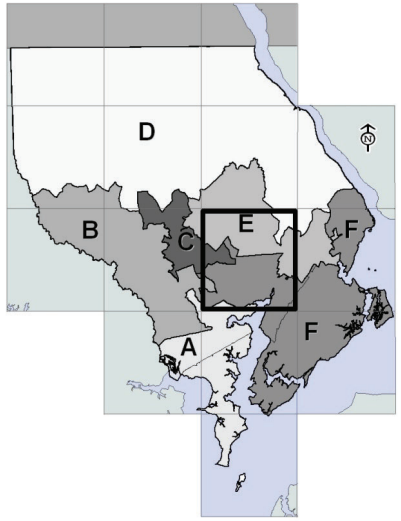
Expended	$0
Encumbered	$0
Total	$0

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 2020
Construction is anticipated to begin 2021-2022

PROJECT STATUS:

Study/design scope development spring 2020

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	200,000		200,000						200,000
Land Acquisition			0						0
Construction			0	500,000		500,000		2,000,000	3,000,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	200,000	0	200,000	500,000	0	500,000	0	2,000,000	3,200,000
FUNDING SCHEDULE									
R7100 Prior Bonds	200,000		200,000						200,000
R7000 Future Bonds			0	500,000		500,000		2,000,000	3,000,000
			0						0
			0						0
			0						0
			0						0
Total Funds	200,000	0	200,000	500,000	0	500,000	0	2,000,000	3,200,000

Est. Annual Debt Service Cost
$5,580

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

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 modelling dependent.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	0	400,000	3,000,000	0	3,700,000
FUNDING SCHEDULE									
R8750 Paygo	300,000		300,000			400,000	3,000,000	0	3,700,000
			0						0
			0						0
			0						0
			0						0
Total Funds	300,000	0	300,000	0	0	400,000	3,000,000	0	3,700,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	0

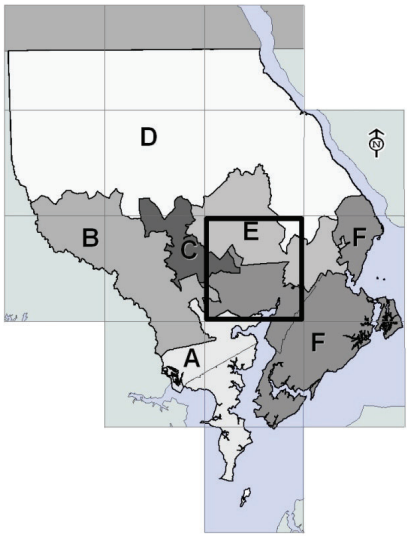
OPEN/ACTIVE PROJECTS

PROJECT: Abingdon Road Water **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Abingdon** **W086687**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will allow for the design and construction, beginning just south of I-95, of approximately 800 linear feet of parallel 36"; and 2,260 linear feet of replacement 30" (to replace existing 12") to Rt. 7, and 4,435 linear feet of parallel 20" water transmission main from Rt. 7 to US Rt. 40. This project will provide the necessary initial transmission capacity of the expansion to the Abingdon Water Treatment Plant, in order to move water into Zone 1 towards Aberdeen and Edgewood.



PROJECT SCHEDULE:

On hold due to change in water demands
Pursuing CSX crossing only

PROJECT STATUS:

Design and construction over CSX to be coordinated with new highway bridge.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	250,000		250,000						250,000
Land Acquisition	0		0						-
Construction	3,050,000	0	3,050,000						3,050,000
Inspection Fees	0		0						-
Equipment/Furnishing	0		0						-
Total Cost	3,300,000	0	3,300,000	0	0	0	0	0	3,300,000
FUNDING SCHEDULE									
R7100 Prior Bonds	3,300,000	0	3,300,000						3,300,000
	0		0						-
	0		0						-
	0		0						-
	0		0						-
	0		0						-
Total Funds	3,300,000	0	3,300,000	0	0	0	0	0	3,300,000

Est. Annual Debt Service Cost
$92,070

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/1/2020	
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 2020

Construction FY2021-2022

PROJECT STATUS:

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	250,000		250,000						250,000
Land Acquisition			0						0
Construction	2,500,000		2,500,000						2,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	2,750,000	0	2,750,000	0	0	0	0	0	2,750,000
FUNDING SCHEDULE									
R7100 Prior Bonds	2,750,000	0	2,750,000						2,750,000
			0						0
			0						0
			0						0
			0						0
Total Funds	2,750,000	0	2,750,000	0	0	0	0	0	2,750,000

Est. Annual Debt Service Cost
$76,725

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/1/2020

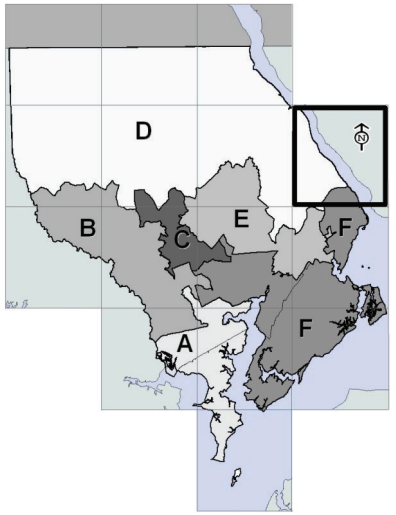
Expended	9,971
Encumbered	231,532
Total	$ 241,503

PROJECT: City of Baltimore - Deer Creek Pump Station and Valve Improvements **WATER**

COUNCIL DISTRICT: D **LOCATION: Darlington** **W126718**

PROJECT DESCRIPTION / JUSTIFICATION:

In accordance with the 1993 raw water purchase agreement between the County and the City of Baltimore (COB), this project appropriates funds for the County's share of the COB's capital improvement to the Deer Creek raw water pumping station and valve replacement on the 108 inch Susquehanna Aqueduct.



PROJECT SCHEDULE:

Project construction is complete

PROJECT STATUS:

Waiting for schedule update from the City of Baltimore for project finalization and closeout

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	0		0						0
Land Acquisition	0		0						0
Construction	3,700,000		3,700,000						3,700,000
Inspection Fees	0		0						0
Equipment/Furnishing	0		0						0
Total Cost	3,700,000	0	3,700,000	0	0	0	0	0	3,700,000
FUNDING SCHEDULE									
R7100 Prior Bonds	3,700,000		3,700,000						3,700,000
	0		0						0
	0		0						0
	0		0						0
	0		0						0
	0		0						0
Total Funds	3,700,000	0	3,700,000	0	0	0	0	0	3,700,000

Est. Annual Debt Service Cost
$103,230

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of:	3/1/2020
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:

Future growth dependent

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			0						0
Land Acquisition			0						0
Construction	3,300,000		3,300,000						3,300,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,300,000	0	3,300,000	0	0	0	0	0	3,300,000
FUNDING SCHEDULE									
R7100 Prior Bonds	3,300,000		3,300,000						3,300,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	3,300,000	0	3,300,000	0	0	0	0	0	3,300,000

Est. Annual Debt Service Cost
$92,070

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/1/2020

Expended	1,221,539
Encumbered	34,237
Total	$ 1,255,776

PROJECT: Efficiency Capital Investment Projects **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **O166009**

PROJECT DESCRIPTION / JUSTIFICATION:

This project will identify and implement infrastructure projects at the Department of Public Works, Water and Sewer facilities annually. This will increase operational efficiency through reducing costs and the County's environmental footprint. This project will emphasize making facilities safe, secure, functional and efficient for the delivery of services to the constituents of Harford County.

PROJECT SCHEDULE:

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	25,000		25,000						25,000
Land Acquisition			0						0
Construction	260,000		260,000						260,000
Inspection Fees			0						0
Equipment/Furnishing	145,000		145,000						145,000
Total Cost	430,000	0	430,000	0	0	0	0	0	430,000
FUNDING SCHEDULE									
R3399 State Other	380,000		380,000						380,000
R8750 Paygo	50,000		50,000						50,000
			0						0
			0						0
			0						0
			0						0
Total Funds	430,000	0	430,000	0	0	0	0	0	430,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of:	3/1/2020
Expended	233,192
Encumbered	0
Total	$ 233,192

PROJECT: HMAN (Harford County Metro Area Network) **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **O136732**

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

PROJECT STATUS:

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: 3/1/2020

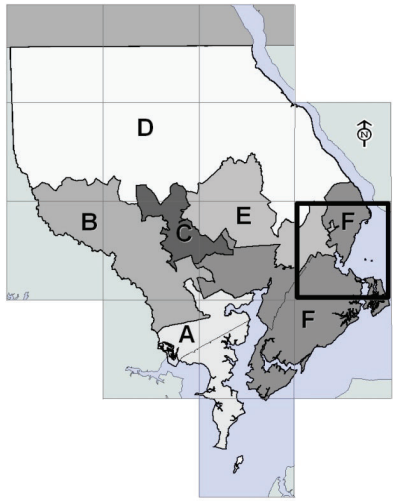
Expended	1,133,863
Encumbered	18,573
Total	$ 1,152,436

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 scope in development
Construction 2021

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	150,000		150,000						150,000
Land Acquisition	0		0						0
Construction	1,000,000	0	1,000,000					0	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	1,150,000
FUNDING SCHEDULE									
R7100 Prior Bonds	1,150,000	0	1,150,000						1,150,000
R7000 Future Bonds	0		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
$32,085

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of: 3/1/2020

Expended	5,728
Encumbered	0
Total	$ 5,728

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

PROJECT SCHEDULE:

Spring 2019 Implementation of CityWorks

PROJECT STATUS:

This project is on track for completion in 2020

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	425,000		425,000						425,000
Land Acquisition	0		0						0
Construction	0		0						0
Inspection Fees	0		0						0
Equipment/Furnishing	0		0						0
Total Cost	425,000	0	425,000	0	0	0	0	0	425,000
FUNDING SCHEDULE									
R8750 Paygo	218,013		218,013						218,013
R8089 Reappropriated Paygo	206,987		206,987						206,987
	0		0						0
	0		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: 3/1/2020

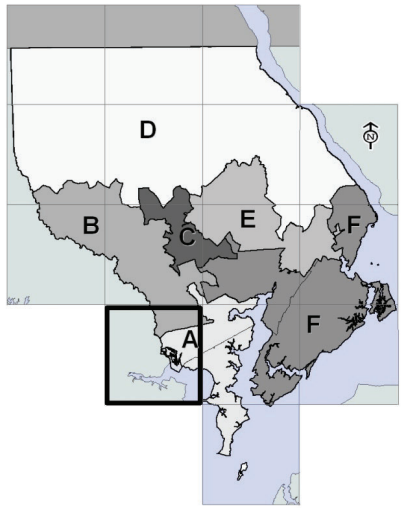
Expended	156,450
Encumbered	26,984
Total	$ 183,434

PROJECT: Oak Grove Booster Station **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

PROJECT STATUS:

Developer Dependent

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	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
$9,207

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

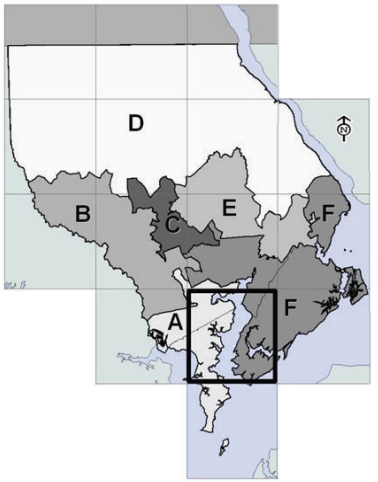
Expended	0
Encumbered	0
Total	0

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 FY18 & FY19
Flow Metering Installation FY20

PROJECT STATUS:

Ongoing; awaiting Aberdeen Proving Ground funding and execution.

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			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									
R8089 Reappropriated Paygo	500,000		500,000		0	0			500,000
R8750 Paygo	500,000		500,000						500,000
			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

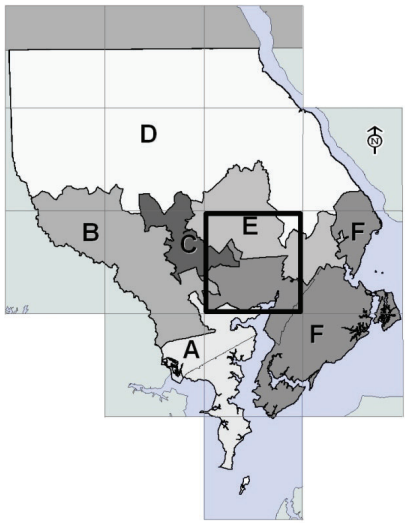
Financial Activity as of:	3/1/2020
Expended	90,034
Encumbered	0
Total	$ 90,034

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
R7000 Future Bonds			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
$54,405

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$ 192,511
Encumbered	$ 127,041
Total	$ 319,552

PROJECT: Tank Painting FY 15 **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **W156668**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides the Division of Water & Sewer with the appropriation to paint and repair the existing 13 water storage tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, safety repairs, and repainting to extend the life of the asset. A typical tank painting system will last 10 to 12 years.

PROJECT SCHEDULE:

PROJECT STATUS:

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

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			0						0
Land Acquisition			0						0
Construction	800,000		800,000						800,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	800,000	0	800,000	0	0	0	0	0	800,000
FUNDING SCHEDULE									
R8750 Paygo	300,000		300,000						300,000
R8089 Reappropriated Paygo	500,000		500,000						500,000
			0						0
			0						0
			0						0
			0						0
Total Funds	800,000	0	800,000	0	0	0	0	0	800,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$ 753,012
Encumbered	0
Total	$ 753,012

PROJECT: Tank Painting FY 16 **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **W166668**

PROJECT DESCRIPTION / JUSTIFICATION:

This project provides the Division with the appropriation to paint and repair the existing 13 water storage tanks. All tanks require periodic renovations including cleaning, sandblasting, structural, safety repairs, and repainting to extend the life of the asset. A typical tank painting system will last 10 to 12 years.

PROJECT SCHEDULE:

PROJECT STATUS:

This project is complete and will be removed from the Capital Improvement Program following completion of the audit in July, 2020.

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			0						-
Land Acquisition			0						-
Construction	700,000		700,000						700,000
Inspection Fees			0						-
Equipment/Furnishing			0						-
Total Cost	700,000	0	700,000	0	0	0	0	0	700,000
FUNDING SCHEDULE									
R8750 Paygo	700,000		700,000						700,000
			0						-
			0						-
			0						-
			0						-
			0						-
Total Funds	700,000	0	700,000	0	0	0	0	0	700,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	697,339
Encumbered	0
Total	697,339

PROJECT: Underground and Aboveground Storage Tank Management

WATER

COUNCIL DISTRICT: MULTIPLE LOCATION: Various

O156002

PROJECT DESCRIPTION / JUSTIFICATION:

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

PROJECT SCHEDULE:

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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:

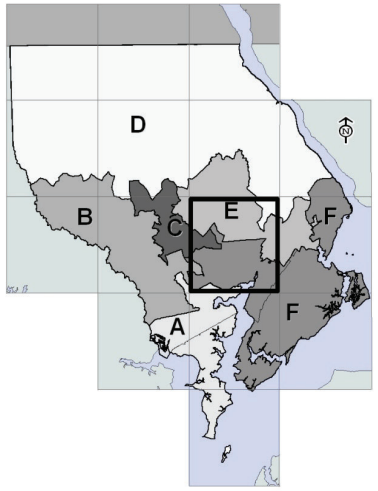
Expended	$	3,425
Encumbered		0
Total	$	3,425

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:

Construction is complete; final restoration in 2020

PROJECT STATUS:

Construction is 98% complete

Waiting final project closeout by SHA

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	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
$108,810

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of:

Expended	$ 3,242,345
Encumbered	$ 647,982
Total	$ 3,890,327

PROJECT: Water System Model Study **WATER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Countywide** **W176018**

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:

Update model FY 2019-2020

PROJECT STATUS:

Model update ongoing
First zone and modeling complete
Entire model to be completed summer 2020

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
			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 3/1/20:

Expended	171,422
Encumbered	128,148
Total	299,570

HARFORD COUNTY, MARYLAND
FY 21 APPROVED CAPITAL IMPROVEMENT PROGRAM

PROJECT TITLE	TOTAL COST	PRIOR APPROP	BUDGET YEAR FY 2021	FIVE YEAR CAPITAL PROGRAM FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
SEWER PROJECTS								
FY 21 Funded Projects:								
Bio Solid Facilities Enhancements	36,100,000	8,900,000	2,600,000	10,000,000	14,000,000	0	0	600,000
Brentwood Park Pumping Station Improvements	1,950,000	1,450,000	500,000	0	0	0	0	0
Freys Road Sewer Petition	1,275,000	800,000	475,000	0	0	0	0	0
Future Petition Projects	525,000	0	375,000	150,000	0	0	0	0
Infiltration and Inflow 09	1,374,433	3,400,000	(2,025,567)	0	0	0	0	0
Magnolia Sewer Petition	689,500	85,000	604,500	0	0	0	0	0
Pumping Station Improvements	965,000	465,000	100,000	200,000	0	200,000	0	0
Renewal and Replacement Sewer Infrastructure	2,050,000	1,100,000	350,000	300,000	0	0	300,000	0
Sod Run Facility Improvements	9,600,000	5,400,000	2,700,000	0	300,000	1,000,000	0	200,000
Sod Run WWTP Ultraviolet Disinfection Project	6,700,000	3,200,000	1,000,000	500,000	2,000,000	0	0	0
Town Center Drive Pump Station Replacement	810,567	585,000	225,567	0	0	0	0	0
Utility Protection/Restoration	1,700,000	1,100,000	200,000	200,000	200,000	0	0	0
Woodridge Sewer Petition	4,020,300	385,000	3,635,300	0	0	0	0	0
Outyear Projects								
Delta WWTP Plant Upgrades	2,225,000	225,000	0	0	0	0	0	2,000,000
Infiltration and Inflow 10	1,100,000	550,000	0	350,000	0	100,000	0	100,000
Inventory Storage and Control Improvements	4,585,000	385,000	0	0	0	0	3,200,000	1,000,000
Plum Tree Collector Sewer and Pumping Station	250,000	0	0	0	0	0	0	250,000
Open Projects:								
Bill Bass PS FM Replacement	900,384	900,384	0	0	0	0	0	0
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
Edgewood Interceptor Sewer Parallel	650,000	650,000	0	0	0	0	0	0
Fallston Area Sewer	3,800,000	3,800,000	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
Oaklyn Manor/Joppa Area Sewer Relief	1,950,300	1,950,300	0	0	0	0	0	0
Sewer Total by Project	124,540,808	76,651,008	10,739,800	11,700,000	16,500,000	1,300,000	3,500,000	4,150,000
Paygo	15,526,450	9,551,450	1,425,000	1,200,000	200,000	300,000	300,000	2,550,000
Prior Paygo	1,000,000	0	1,000,000	0	0	0	0	0
Future Bonds	36,200,000	0	3,600,000	10,500,000	16,300,000	1,000,000	3,200,000	1,600,000
Prior Bonds	61,712,256	61,712,256	0	0	0	0	0	0
Reappropriated	4,442,002	4,442,002	0	0	0	0	0	0
State	4,714,800	0	4,714,800	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	124,540,808	76,651,008	10,739,800	11,700,000	16,500,000	1,300,000	3,500,000	4,150,000

FY 21 APPROVED CAPITAL BUDGET

PROJECT	TOTAL	PRIOR PAYGO	PAYGO	PRIOR BONDS	COUNTY BONDS	LEASE PURCHASE	LEASE FINANCE	REAPPROP	TRANSFER TAX	RECORD. TAX	STATE	P.O.S.	FEDERAL	DEVELOPER/ OTHER
WATER & SEWER FUND														
SEWER PROJECTS														
Bio Solids Facilities Enhancements	2,600,000	0	0	0	2,600,000		0	0	0	0	0	0	0	0
Brentwood Park Pumping Station Improvements	500,000	0	500,000	0	0		0	0	0	0	0	0	0	0
Freys Road Sewer Petition	475,000	0	0	0	0		0	0	0	0	475,000	0	0	0
Future Petition Projects	375,000	0	375,000	0	0		0	0	0	0	0	0	0	0
Infiltration and Inflow 09	(2,025,567)	(2,025,567)	0	0	0		0	0	0	0	0	0	0	0
Magnolia Sewer Petition	604,500	0	0	0	0		0	0	0	0	604,500	0	0	0
Pumping Station Improvements	100,000	100,000	0	0	0		0	0	0	0	0	0	0	0
Renewal and Replacement Sewer Infrastructure	350,000	0	350,000	0	0		0	0	0	0	0	0	0	0
Sod Run Facility Improvements	2,700,000	2,700,000	0	0	0		0	0	0	0	0	0	0	0
Sod Run WWTP Ultraviolet Disinfection Project	1,000,000	0	0	0	1,000,000		0	0	0	0	0	0	0	0
Town Center Drive Pump Station Replacement	225,567	225,567	0	0	0		0	0	0	0	0	0	0	0
Utility Protection/Restoration	200,000	0	200,000	0	0		0	0	0	0	0	0	0	0
Woodridge Sewer Petition	3,635,300	0	0	0	0		0	0	0	0	3,635,300	0	0	0
SUB-TOTAL SEWER PROJECTS	10,739,800	1,000,000	1,425,000	0	3,600,000	0	0	0	0	0	4,714,800	0	0	0

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	1,350,000		1,350,000						1,350,000
Land Acquisition									0
Construction	7,000,000	2,600,000	9,600,000	10,000,000	14,000,000			600,000	34,200,000
Inspection Fees	550,000		550,000						550,000
Equipment/Furnishing									0
Total Cost	8,900,000	2,600,000	11,500,000	10,000,000	14,000,000	0	0	600,000	36,100,000
FUNDING SCHEDULE									
R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	8,700,000		8,700,000						8,700,000
R7000 Future Bonds		2,600,000	2,600,000	10,000,000	14,000,000			600,000	27,200,000
									0
									0
									0
Total Funds	8,900,000	2,600,000	11,500,000	10,000,000	14,000,000	0	0	600,000	36,100,000

Est. Annual Debt Service Cost
$315,270

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$ 2,837,942
Encumbered	$ 2,456,721
Total	$ 5,294,663

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:

Design - complete 2019
Construction in 2020

PROJECT STATUS:

Design 95% complete

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	100,000		100,000						100,000
Land Acquisition									0
Construction	1,350,000	500,000	1,850,000						1,850,000
Inspection Fees									0
Equipment/Furnishing									0
Total Cost	1,450,000	500,000	1,950,000	0	0	0	0	0	1,950,000
FUNDING SCHEDULE									
R8750 Paygo	200,000	500,000	700,000						700,000
R7100 Prior Bonds	1,250,000		1,250,000						1,250,000
									0
									0
									0
									0
Total Funds	1,450,000	500,000	1,950,000	0	0	0	0	0	1,950,000

Est. Annual Debt Service Cost
$34,875

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

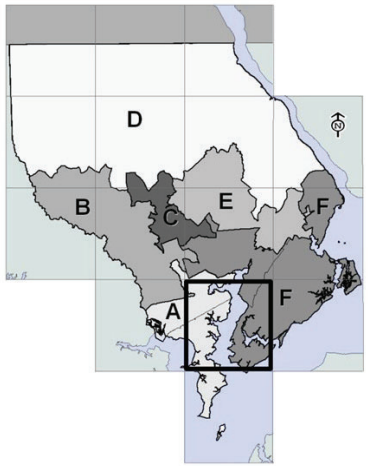
Expended	$	154,566
Encumbered	$	56,423
Total	$	210,989

PROJECT: Freys Road Sewer Petion **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.
For FY 21 MDE Construction Loan @ $425,000 and $50,000 for Septic Abandonment Grant



PROJECT SCHEDULE:

Design 70% complete - bid ready Aug 2020
Construction in 2020-2021

PROJECT STATUS:

Design is 65% complete
Easement acquisition underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	800,000	475,000	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	800,000	475,000	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

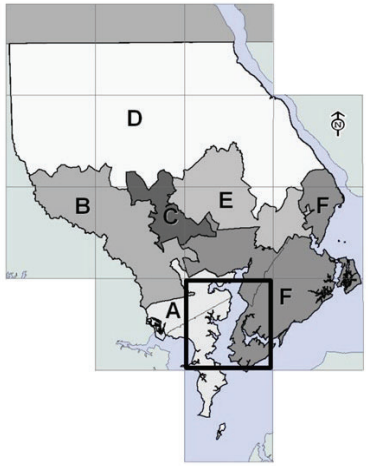
Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	0

PROJECT: Future Petition Projects **SEWER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: MULTIPLE** **NEW**

PROJECT DESCRIPTION / JUSTIFICATION:
Future sewer petition projects



PROJECT SCHEDULE:
TBD

PROJECT STATUS:
Design scope in development
Projects maybe grant reimbursable

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design		375,000	375,000	150,000					525,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	375,000	375,000	150,000	0	0	0	0	525,000
FUNDING SCHEDULE									
R8750 Paygo		375,000	375,000	150,000					525,000
R8089 Reappropriated Paygo			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	375,000	375,000	150,000	0	0	0	0	525,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity

Expended	0
Encumbered	0
Total	0

PROJECT: Infiltration and Inflow **SEWER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **S096663**

PROJECT DESCRIPTION / JUSTIFICATION:

To rehabilitate the existing sewers with excessive infiltration and inflow. Work involved shall be manhole repair, sewer line grounding and line replacement, infiltration dishes, metering, root control and other means to eliminate infiltration and inflow. This project is part of the Water and Sewer Element Plan.

PROJECT SCHEDULE:

Reallocate prior Paygo to:

1,700,000	Sod Run Facility Improvements S126724
100,000	Pumping Stations Improvements S186112
225,567	Town Center Drive S146736
2,025,567	

PROJECT STATUS:

This project may be closed after the re-appropriation of remaining funds

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			0						0
Land Acquisition			0						0
Construction	3,400,000	(2,025,567)	1,374,433						1,374,433
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,400,000	(2,025,567)	1,374,433	0	0	0	0	0	1,374,433
FUNDING SCHEDULE									
R8750 Paygo	3,400,000		3,400,000						3,400,000
R8750 Prior Paygo		(2,025,567)	(2,025,567)						(2,025,567)
			0						0
			0						0
			0						0
			0						0
Total Funds	3,400,000	(2,025,567)	1,374,433	0	0	0	0	0	1,374,433

Est. Annual Debt Service Cost

$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,374,433
Encumbered	0
Total	1,374,433

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. Funding in FY 21 is an MDE Construction Loan @ $532,500 and Septic Abandonment CIP Grant @ $72,000

PROJECT SCHEDULE:

Design 2020- Bid ready Oct 2020

Construction 2021

PROJECT STATUS:

Design and grant procurement underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	85,000		85,000						85,000
Land Acquisition			0						0
Construction		604,500	604,500						604,500
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	85,000	604,500	689,500	0	0	0	0	0	689,500
FUNDING SCHEDULE									
R7100 Prior Bonds	85,000		85,000						85,000
R3399 State Other		72,000	72,000						72,000
R7910 State Loan		532,500	532,500						532,500
			0						0
			0						0
			0						0
Total Funds	85,000	604,500	689,500	0	0	0	0	0	689,500

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	0

PROJECT: Pumping Station Improvements **SEWER**

COUNCIL DISTRICT: MULTIPLE **LOCATION: Various** **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 2020
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:

Design scope development
FY 21 funds reallocated from the Infiltration and Inflow project S096663.

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	115,000	100,000	215,000						215,000
Land Acquisition			0						0
Construction	350,000		350,000	200,000		200,000			750,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	465,000	100,000	565,000	200,000	0	200,000	0	0	965,000
FUNDING SCHEDULE									
R8750 Paygo	465,000		465,000	200,000		200,000			865,000
R8750 Prior Paygo		100,000	100,000						100,000
			0						0
			0						0
			0						0
			0						0
Total Funds	465,000	100,000	565,000	200,000	0	200,000	0	0	965,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	0

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:

Improve and replace downstream sections
Summer 2020

PROJECT STATUS:

This project is ongoing and is used as required when advanced deterioration of piping system is discovered through various field investigations.

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design									0
Land Acquisition									0
Construction	1,100,000	350,000	1,450,000	300,000			300,000		2,050,000
Inspection Fees									0
Equipment/Furnishing									0
Total Cost	1,100,000	350,000	1,450,000	300,000	0	0	300,000	0	2,050,000
FUNDING SCHEDULE									
R8750 Paygo	700,000	350,000	1,050,000	300,000			300,000		1,650,000
R8089 Reappropriated Paygo	400,000		400,000						400,000
			0						0
			0						0
			0						0
			0						0
Total Funds	1,100,000	350,000	1,450,000	300,000	0	0	300,000	0	2,050,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$	476,182
Encumbered	$	1,659
Total	$	477,841

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

Reallocated prior Paygo fro	1,700,000	Infiltration and Inflow S096663
	1,000,000	Tank Painting W176668
	2,700,000	

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design	550,000	2,700,000	3,250,000						3,250,000
Land Acquisition	1,000,000		1,000,000						1,000,000
Construction	3,850,000		3,850,000		300,000	1,000,000		200,000	5,350,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	5,400,000	2,700,000	8,100,000	0	300,000	1,000,000	0	200,000	9,600,000
FUNDING SCHEDULE									
R8750 Paygo	1,500,000		1,500,000					200,000	1,700,000
R7100 Prior Bonds	3,900,000		3,900,000						3,900,000
R7000 Future Bonds			0		300,000	1,000,000			1,300,000
R8750 Prior Paygo		2,700,000	2,700,000						2,700,000
			0						0
			0						0
Total Funds	5,400,000	2,700,000	8,100,000	0	300,000	1,000,000	0	200,000	9,600,000

Est. Annual Debt Service Cost
$108,810

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$ 1,491,700
Encumbered	$ 175,443
Total	$ 1,667,143

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:

Design in FY18 - FY19
Construction in FY23

PROJECT STATUS:

Design is 95% complete
Construction in 2023

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	200,000		200,000						200,000
Land Acquisition			0						0
Construction	3,000,000	1,000,000	4,000,000	500,000	2,000,000				6,500,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	3,200,000	1,000,000	4,200,000	500,000	2,000,000	0	0	0	6,700,000
FUNDING SCHEDULE									
R8750 Paygo	200,000		200,000						200,000
R7100 Prior Bonds	3,000,000		3,000,000						3,000,000
R7000 Future Bonds		1,000,000	1,000,000	500,000	2,000,000				3,500,000
			0						0
			0						0
			0						0
Total Funds	3,200,000	1,000,000	4,200,000	500,000	2,000,000	0	0	0	6,700,000

Est. Annual Debt Service Cost
$83,700

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

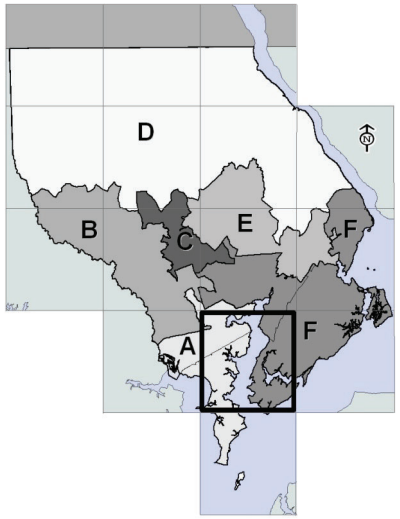
Expended	$	137,801
Encumbered	$	58,975
Total	$	196,776

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:

Construction Spring 2020

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PROJECT STATUS:

Design is 100% complete

FY 21 funds reallocated from Infiltration and Inflow S096663.

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	350,000		350,000						350,000
Land Acquisition			0						0
Construction	235,000	225,567	460,567						460,567
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	585,000	225,567	810,567	0	0	0	0	0	810,567
FUNDING SCHEDULE									
R8750 Paygo	585,000		585,000						585,000
R8750 Prior Paygo		225,567	225,567						225,567
			0						0
			0						0
			0						0
			0						0
Total Funds	585,000	225,567	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 3/1/20:

Expended	$	55,418
Encumbered	$	111,477

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	450,000		450,000						450,000
Land Acquisition			0						0
Construction	650,000	200,000	850,000	200,000	200,000	0	0	0	1,250,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	1,100,000	200,000	1,300,000	200,000	200,000	0	0	0	1,700,000
FUNDING SCHEDULE									
R8750 Paygo	1,100,000	200,000	1,300,000	200,000	200,000	0	0	0	1,700,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	1,100,000	200,000	1,300,000	200,000	200,000	0	0	0	1,700,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$	215,880
Encumbered		0
Total	$	215,880

PROJECT: Woodridge Sewer Petition **SEWER**

COUNCIL DISTRICT: B **LOCATION: Fallston** **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. Expect $355,500 in grant funding from the Storm Water Management Septic System Disconnection Program and an MDE Construction Loan @ $3,279,800

PROJECT SCHEDULE:

Design phase fall 2019 into 2020
Construction FY2021

PROJECT STATUS:

Design scope in development

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	385,000	3,635,300	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	385,000	3,635,300	4,020,300	0	0	0	0	0	4,020,300

Est. Annual Debt Service Cost
$10,742

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	0

OUTYEAR PROJECTS

FY 22 - FY 26

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
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	0	2,000,000	2,225,000
FUNDING SCHEDULE									
R8750 Paygo	225,000		225,000					2,000,000	2,225,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	225,000	0	225,000	0	0	0	0	2,000,000	2,225,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	225,000
Encumbered	0
Total	225,000

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:

Evaluation of manholes 2019-2020
Smoke testing summer/fall 2020
Modeling summer 2020

PROJECT STATUS:

Ongoing

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	250,000		250,000						250,000
Land Acquisition			0						0
Construction	300,000		300,000	350,000		100,000		100,000	850,000
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	550,000	0	550,000	350,000	0	100,000	0	100,000	1,100,000
FUNDING SCHEDULE									
R8750 Paygo	491,450		491,450	350,000		100,000		100,000	1,041,450
R8089 Reappropriated Paygo	58,550		58,550						58,550
			0						0
			0						0
			0						0
			0						0
Total Funds	550,000	0	550,000	350,000	0	100,000	0	100,000	1,100,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	274,573
Encumbered	20,200
Total	294,773

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/Design 2019-2020

PROJECT STATUS:

Design scope development
Engineer selection underway

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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	0	3,200,000	1,000,000	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	0	3,200,000	1,000,000	4,585,000

Est. Annual Debt Service Cost
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	0
Encumbered	0
Total	0

PROJECT: Plum Tree Collector Sewer and Pumping Station **SEWER**

COUNCIL DISTRICT: A **LOCATION: Bel Air** **New**

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 2021 Budget	Appropriation Total	Five Year Capital Program					TOTAL PROJECT COST
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Engineering/Design			0					250,000	250,000
Land Acquisition			0						0
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	0	0	0	0	0	0	0	250,000	250,000
FUNDING SCHEDULE									
R8750 Paygo			0					250,000	250,000
			0						0
			0						0
			0						0
			0						0
			0						0
Total Funds	0	0	0	0	0	0	0	250,000	250,000

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

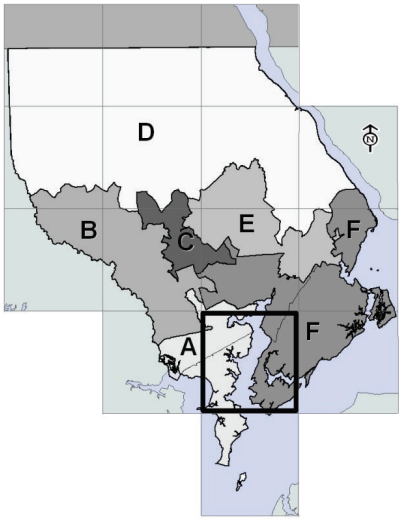
OPEN/ACTIVE PROJECTS

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

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	700,384		700,384						700,384
Land Acquisition	200,000		200,000						200,000
Construction			0						0
Inspection Fees			0						0
Equipment/Furnishing			0						0
Total Cost	900,384	0	900,384	0	0	0	0	0	900,384

FUNDING SCHEDULE

R7100 Prior Bonds	790,102		790,102						790,102
R8089 Reappropriated Paygo	110,282		110,282						110,282
			0						0
			0						0
			0						0
Total Funds	900,384	0	900,384	0	0	0	0	0	900,384

Est. Annual Debt Service Cost
$22,044

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

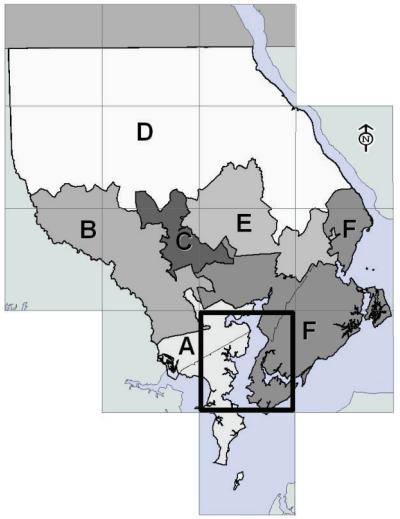
Expended	385,836
Encumbered	334,260
Total	720,096

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 2020
Modify pumps and controls 2021

PROJECT STATUS:

Gravity sewer and force main construction complete

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
739,350

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	$ 26,112,345
Encumbered	$ 5,507
Total	$ 26,117,852

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 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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 3/1/20:

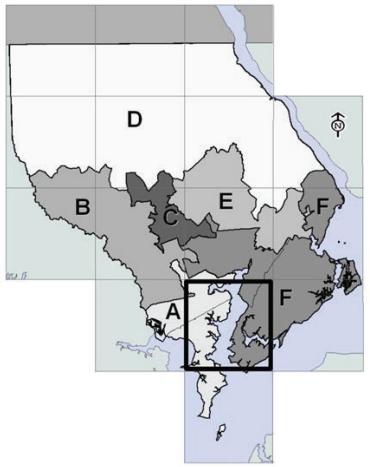
Expended	$ 639,972
Encumbered	0
Total	$ 639,972

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 2020

PROJECT STATUS:

Preliminary design complete
Alternative alignments needed to be evaluated
Modeling needs to be completed

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
Engineering/Design	550,000		550,000						550,000
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	0	650,000
FUNDING SCHEDULE									
R7100 Prior Bonds	650,000		650,000						650,000
			0						0
			0						0
			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
18,135

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	181,806
Encumbered	0
Total	181,806

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	2021 Budget	Appropriation Total	Five Year Capital Program 2022	2023	2024	2025	2026	TOTAL PROJECT COST
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
101,840

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of03/1/20:

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 FY2020-2021

PROJECT STATUS:

Design scope in development

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	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
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

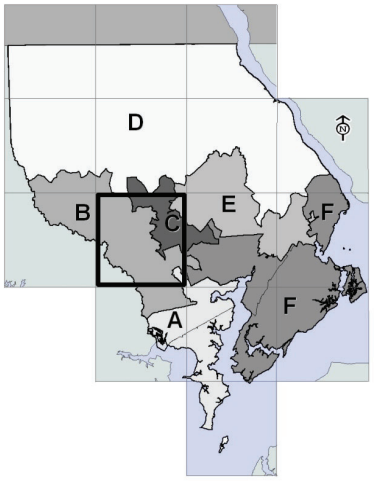
Expended	0
Encumbered	0
Total	0

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:

FY 18 Construction Phase 7
Design Phase 6; modeling 2020

PROJECT STATUS:

Phase 7 complete
Phase 6 is modeling dependent

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
R8089 Reappropriated 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
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

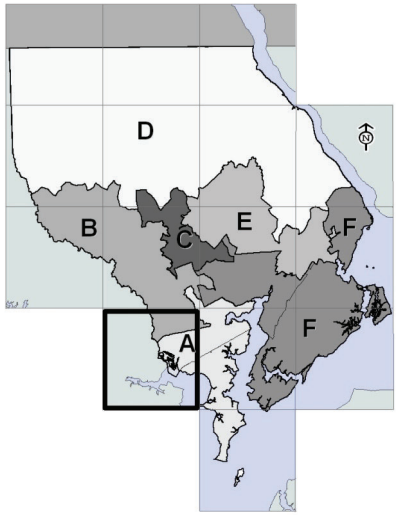
Expended	7,614,701
Encumbered	0
Total	7,614,701

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 determne the cost share.



PROJECT SCHEDULE:

PROJECT STATUS:

Phase A complete

Phase B on hold; awaiting developer agreement

EXPENDITURE SCHEDULE

Cost Elements	Prior Appropriation	FY 2021 Budget	Appropriation Total	Five Year Capital Program FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL PROJECT COST
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
$0

OPERATING BUDGET IMPACT			
Revenues	Expenditures	Cost Savings	None
			X

Financial Activity as of 3/1/20:

Expended	1,464,291
Encumbered	0
Total	1,464,291