



# BOARD OF COUNTY COMMISSIONERS

## Washington County, Maryland



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# Ten Year Capital Improvement Plan

## Fiscal Year 2023

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# Introduction

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## Washington County Commissioners



**JEFFREY A. "JEFF" CLINE**, a third-term County Commissioner, serves as President of the Board of County Commissioners and is a Williamsport, Maryland, resident. Mr. Cline is a graduate of Williamsport High School and Hagerstown Community College. An experienced realtor since 2003, Mr. Cline has assumed an inactive status in this field to fulfill his commitment to Washington County. He graduated from the Maryland Association of Realtors' 2008 Leadership Academy, received the Graduate of Realtor Institute (GRI) designation and is also a graduate of Leadership Washington County Class 26. Mr. Cline served on the Williamsport Town Council from 2005 to 2009.



**TERRY L. BAKER**, a fourth-term County Commissioner, was first elected in 2006, and serves as Vice-President of the Board of County Commissioners. Mr. Baker is a 1973 graduate of Williamsport High School, a 1975 graduate of Hagerstown Community College and a 1978 graduate of Auburn University, with a bachelor's degree in Education. Mr. Baker retired in 2015 from the position of Washington County Students Trades Coordinator for the Washington County Technical High School after being an educator for 34 years. Prior to being elected a County Commissioner he served from 2002 to 2004 as a member of the Council for the municipality of Clear Spring, Maryland, and as Assistant Mayor for such municipality from 2004 to 2006.



**CHARLES A. "CHARLIE" BURKETT**, appointed by Governor Hogan to fill a vacant County Commissioner seat, was born and raised in Washington County. Mr. Burkett graduated from Clear Spring High School. Mr. Burkett, an entrepreneur, built several successful small businesses in Washington County over the course of 25 years. In 2018 Mr. Burkett sold all his business interests to enter full time ministry and currently works as the Ministry Support Coordinator at Calvary Chapel of the Cumberland Valley. He also serves the local community by volunteering at Mt. Hope Prison Ministry.



**WAYNE K. KEEFER**, a second-term County Commissioner, is a life-long resident of Washington County. A graduate of Hancock Middle-Senior High School, Mr. Keefer continued his education locally at Hagerstown Community College, then earned his B.S. and M.B.A. from Frostburg State University. He has over a decade of experience as a commercial banker with roles in consumer lending and corporate accounting. Mr. Keefer currently works as both Program Developer and Adjunct Instructor with his alma mater, Frostburg State University, and is a licensed real estate agent. An active member of the community, he has previously served as president of the Hancock Chamber of Commerce; vice-president of the Rotary Club of Hancock; and secretary/treasurer for the Hancock Historical Society. Mr. Keefer lives in his hometown of Hancock with his wife, Janine.



**RANDALL E. "RANDY" WAGNER**, a first-term County Commissioner, was born and raised in Washington County. Mr. Wagner graduated from North Hagerstown High School and is a veteran of the United States Coast Guard, where he served for four years. Mr. Wagner worked at Mack Truck for 17 years before becoming a small business owner in Washington County, owning and operating 40 West Marine in Clear Spring for eight years. He has served the local community as a realtor for the past 16 years and is a licensed private pilot. Prior to his election to the Board of County Commissioners, Mr. Wagner served on the Animal Control Board of Washington County for eight years and held the position of Vice-Chair.



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## Vision and Mission Statements

### Vision Statement

The vision of Washington County Government is to become the regional leader in providing and coordinating efficient and effective public services in an open and cooperative manner.

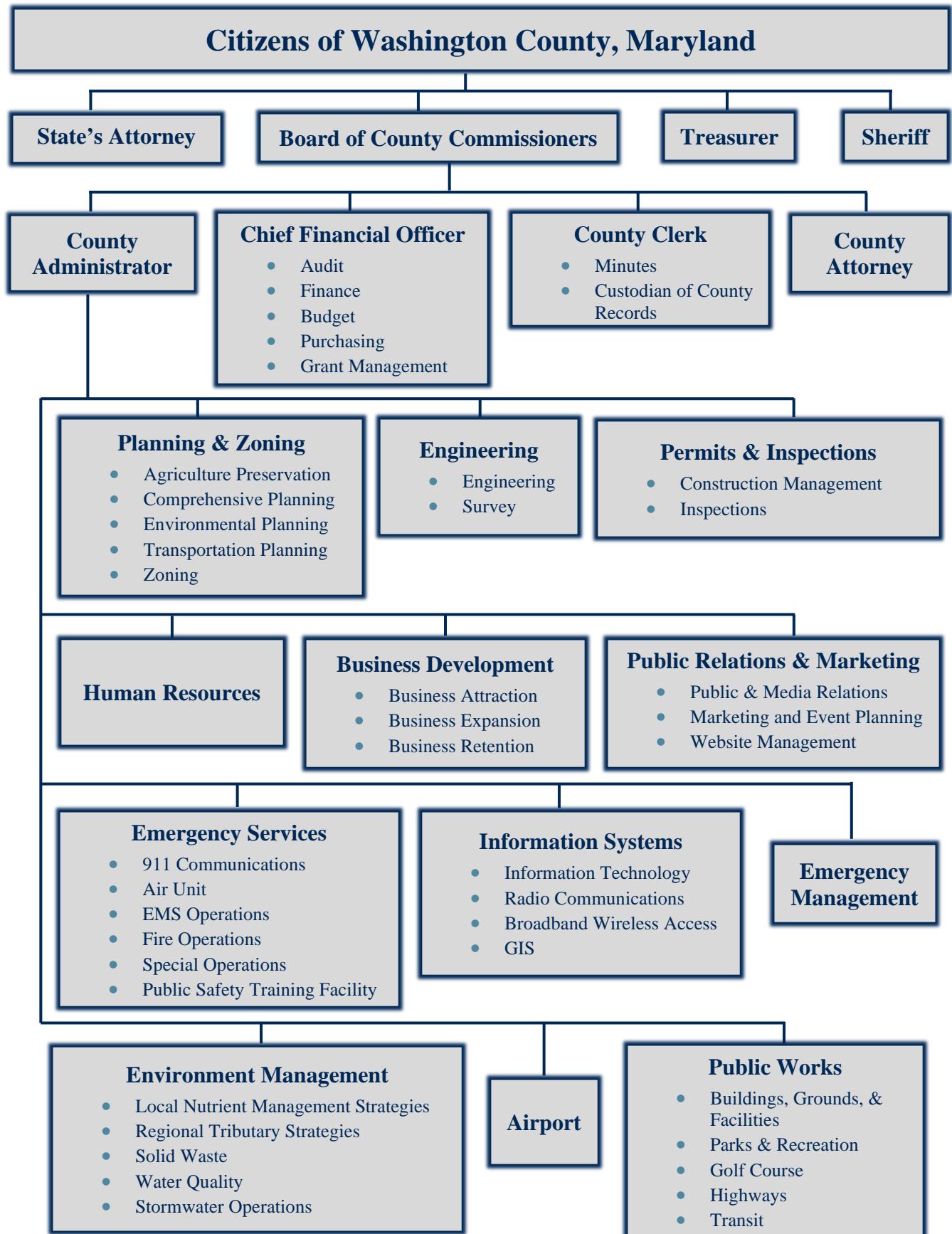
### Mission Statement

Supporting and strengthening individual and community self-reliance and responsibility; promoting education, economic opportunities, public health, safety and welfare; protecting the environment and cultural resources we share and; planning for future urbanization and a culturally diverse population.



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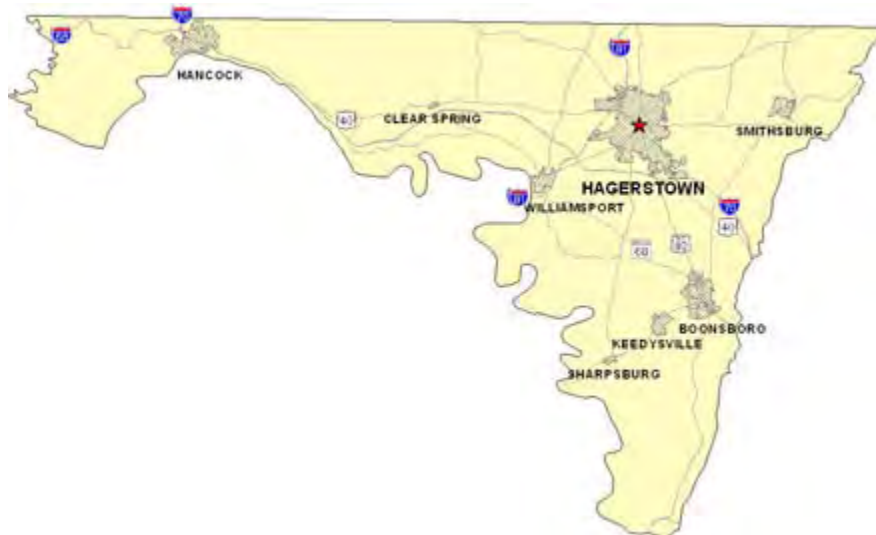
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## Community Profile

### Location

Washington County is situated in northwestern Maryland, bordered by Pennsylvania to the north and West Virginia to the south. It is bordered on the east by Frederick County, Maryland and on the west by Allegany County, Maryland. Washington County is approximately 460 square miles in area. The County Seat, Hagerstown, is 70 miles northwest of Washington, D.C. Two major highways, Interstate 81 – running north and south, and Interstate 70 – running east and west, cross within the County's borders.



A majority of Washington County is fertile valley with rolling terrain. The lowland belt known as the Hagerstown Valley, which lies between the Blue Ridge Mountains to the west and the Appalachian ridges to the east, is an extension of the Shenandoah Valley of Virginia.

Washington County is a great place, not only for locating a business, but also for living and raising a family. The rural, friendly, community environment offers a taste of traditional values – and the proximity to Baltimore and Washington D.C. offers access to a metropolitan culture and lifestyle. It is the best of both worlds.

### Culture and Recreation

Founded in 1776, Washington County was the first county in the United States to be named for then General George Washington. The history of Washington County is exhibited at 4 national parks, 7 state parks, 14 county parks, numerous monuments and more than 35 museums that tell America's story spanning three centuries.

Hagerstown was found by German immigrant Jonathan Hager who was a volunteer Captain of Scouts during the French and Indian War. Located in the center of the Great Valley in Western Central Maryland, Hagerstown was at the crossroads of the Civil War. The Valley provided a natural corridor for refugee and troop movements between Virginia and Pennsylvania. As a regional crossroads town, just north of the Potomac River, Hagerstown was a favorite staging area for military leaders traversing the region.

A revitalized Arts & Entertainment District in downtown Hagerstown complements shopping, historical sites, and museums in Washington County. Residents and visitors discover a wonderful collection of beautifully renovated retail shops, restaurants, and condominiums all within walking distance of cultural attractions. Hagerstown hosts several annual festivals downtown, most notably the Alsatia Mummer's Day Parade. Some of Washington County's major local attractions include:



***Fort Frederick State Park***

- ◆ Antietam National Battlefield – the site of one of the most famous Civil War battles.
- ◆ Fort Frederick State Park – fort built in 1756 for use during the French & Indian War.
- ◆ Appalachian National Scenic Trail – the trail in Maryland follows a 40-mile route along the backbone of South Mountain.

- ◆ C&O Canal National Historic Park – for nearly 100 years the canal served as a waterway to transport products, and it now provides a place to relax and enjoy nature.
- ◆ Maryland Symphony Orchestra – Western Maryland's only professional orchestra.
- ◆ Hagerstown Speedway – one of the fastest and safest dirt tracks in the United States.
- ◆ Washington County Museum of Fine Arts – home of a permanent collection of over 6,000 works of art as well as changing exhibitions.
- ◆ The Maryland Theater – built in 1915 it is home to the Maryland Symphony Orchestra and Miss Maryland Pageant.



***The Maryland Theater***

### **Form of Government**

The County is a body corporate and politic, which performs all local governmental functions in Washington County except those performed by the nine incorporated municipalities within Washington County. The executive offices of the County are located at 100 West Washington Street, Hagerstown, Maryland 21740. The County's central telephone number is (240)-313-2210 and its website is [www.washco-md.net](http://www.washco-md.net).

Under the Code of the Public Local Laws of Washington County (2007 Edition), as amended, being Article 22 of the Code of Public Local Laws of Maryland (the "County Code"), both the executive and legislative functions of the County are vested in the elected, five-member Board of County Commissioners of Washington County (the "Board").

The Board may only exercise such powers as are conferred upon it by the General Assembly of Maryland, including authorization to issue debt to finance its capital projects. Commissioners are elected on a countywide basis and serve four-year terms.

Each member of the Board has one vote, and a simple majority of the Board is sufficient to take action subject to the authority vested in the Board by the County Code. Emergency action also requires a simple majority vote. The Board elects its own officers. The General Assembly of Maryland must authorize powers not specifically authorized by the County Code.

As authorized by the County Code, the County Commissioners appoint a County Administrator. The County Administrator is selected based on his or her executive and administrative abilities, including his or her knowledge and experience in public administration. He or she is charged with the supervision of the departments and agencies of the County and is responsible for the day-to-day operations of the County government in conformity with public local laws and other laws applying to the County.

County financial matters are administered in part through the office of the Treasurer of Washington County. The County Code establishes the elective office of County Treasurer. The County Treasurer is constituted the collector of County and State taxes, charges and assessments and is charged with the enforcement of collection of taxes in the manner provided by law.

As authorized by the County Code, the Board appoints the Chief Financial Officer (CFO) based on his or her experience in financial administration. The CFO is charged with assisting the Board in the preparation and administration of County budgets and other accounting and fiscal matters as the Board deems necessary. In addition, the CFO is responsible for the fiscal methods and procedures of each office, department, board, commission, institution, and agency of County government. The CFO reports to the County Commissioners.

## **Services**

### Transportation

A variety of transportation avenues are available in Washington County. Hagerstown Regional Airport (HGR) is a Part 139 Facility which provides twice weekly service to Orlando Sanford International (SFB), via Allegiant. Allegiant also offers summer seasonal flights twice weekly to St Pete-Clearwater (PIE) and Myrtle Beach (MYR) airports. The airfield also offers fixed base operation services to general aviation, corporate and military aircraft. There are 17 businesses offering clients a variety of aviation services for all types of aircraft. Approximately 1,600 people are employed locally as a result of the airport being in Washington County. In addition, Dulles International, Baltimore Washington International Thurgood Marshall and Ronald Reagan Washington National airports are located within 70 miles of Hagerstown.

Other transportation outlets include auto rental services, County bus service, commercial bus lines, taxi, Lyft, Uber, freight common carriers, and limousine service. The main lines of CSX and Norfolk Southern provide shipment to anywhere on the Atlantic Seaboard.

### Hospital and Medical Care

Meritus Health, located in Hagerstown, Maryland, is the largest healthcare provider in Western Maryland. As a community-focused, not-for profit system, Meritus Health's programs span the continuum of healthcare, ranging from inpatient care to occupational health services to physician practices and outpatient care.

Meritus Medical Center, which opened in 2010, is a state-of-the-art, Joint Commission-accredited hospital with 257 licensed beds in single-patient rooms. Services offered include a special care nursery, a level III trauma program, a primary stroke center, a wound center, and a cardiac diagnostic laboratory. Hospital services that address

outpatient needs include the John R. Marsh Cancer Center, Total Rehab Care, Meritus Endocrinology Specialists, Meritus Home Health, Meritus Medical Laboratory, and Equipped for Life.

Meritus Medical Group, with close to 100 physicians and advanced practice professionals, is a medical neighborhood of primary and specialty care practices offering comprehensive, coordinated health care services to all ages.

The Washington County Health Department, which provides various health services to the citizens of Washington County, employs a total of 146 full-time and part-time personnel in five divisions.

Other medical care facilities include the Environmental Health Division of the Health Department; the George W. Comstock Center for Public Health Research and Prevention; the Western Maryland Center, a State-owned chronic care facility; and the Brook Lane Psychiatric Center, a privately-owned psychiatric facility.

### Safety

The Washington County Sheriff's Office, the Maryland State Police, and municipal police agencies provide police protection in Washington County. The Sheriff's Office has 101 sworn personnel and 97 radio dispatched vehicles. The Sheriff's Office is responsible for the operation of the Detention Center, which has a capacity of 450 inmates. In October 2016, a Day Reporting Center opened that provides treatment services to non-violent offenders with drug and/or alcohol addictions. The State Police has 35 troopers assigned to the local barrack, which is located just south of Hagerstown. The Hagerstown Police Department has a full-time force of 108 officers. The Hancock Police Department employs four full-time officers. In addition, the Smithsburg Police Department employs four officers, and the Boonsboro Police Department employs five police officers.

The County's Division of Emergency Services ("DES") oversees Emergency Communication/911, Fire, Rescue, and the Emergency Medical Services Operations Program. DES is led by a full-time career Director, a Deputy Director of Operations, and a Deputy Director of Administrative Services. The director and two deputy directors oversee the daily operational components of Emergency Services in Washington County. The division has 112 full-time and 40 part-time personnel working directly within the division serving citizens of Washington County.

The County's Office of Emergency Management is led by a full time Governor Appointed Emergency Manager who oversees the day-to-day operations of the Office and ensures that the County is in compliance with all State and Federal statutes to include all aspects of the Stafford Act. In addition to the Emergency Manager, the Office has one full time Emergency Management Specialist and one full time Emergency Management Planner. In addition to the full-time staff, the Office has 25 volunteers who are dedicated to the principals of Emergency Management by providing assistance to the Office and educating the County's citizens to better prepare them for disasters.

### Environmental Management

The Division of Environmental Management ("DEM"), which includes the Department of Water Quality, the Environmental Engineering Department, the Solid Waste Department, the Stormwater Management Department, and the Watershed Department, was created in fiscal year 2007. The State and Federal environmental initiatives – as they pertain to water, wastewater, stormwater, solid waste, and nutrients – are all jointly related. DEM is responsible for integrating the regulations and applying them to the operations of these departments.

The Washington County Solid Waste Department is responsible for a solid waste disposal system that protects the environment and public health.

The County currently provides water and/or wastewater services to nearly all the immediate densely populated area surrounding the City of Hagerstown (except the Dual Highway corridor), the areas of Highfield, Elk Ridge, Sandy Hook, and the towns of Sharpsburg and Smithsburg.

### **Department of Business Development**

The Washington County Department of Business Development (the “DBD”) is dedicated to creating and sustaining a positive pro-business climate.

The DBD currently has six full-time employees to conduct the day-to-day operations of the office, as well as business development and business outreach efforts in the community.

Throughout the year the DBD meets with representatives of existing companies in need of assistance. Discussions include appropriate funding programs, incentive benefits, customized training programs, workforce development efforts, and other sources of business support. The DBD has formed strategic partnerships with such organizations as the Maryland Department of Commerce, the City of Hagerstown, the Washington County Chamber of Commerce, The Greater Hagerstown Committee, Inc., and Washington County Convention & Visitors Bureau, to better serve the needs of businesses in Washington County. The DBD was actively involved in Washington County’s becoming certified as the first ACT Work Ready Community in Maryland, an initiative that matches the labor force with available jobs in Washington County.



## Demographic Information

Population	
<u>Year</u>	<u>County Total</u>
1980	113,086
1990	121,393
2000	131,923
2010	147,430
2021	154,937
2025 projected	157,440
2030 projected	164,900
2035 projected	172,600

Sources: Projections by the Maryland Department of Planning 2020

Population Statistics		
<b>Age:</b>	19 & under	27.40%
	20-64 (workforce age)	55.10%
	65 & older	17.50%
	Median Age	41.5
<b>Gender:</b>	Male	50.90%
	Female	49.10%
<b>Race:</b>	White	82.00%
	Black	12.50%
	Other	5.50%

Sources: U.S. Census Bureau, 2020

Housing	
<b>2022 Median Selling Price</b>	
Washington County	\$270,000
Maryland	\$390,000

Sources: Maryland Association of Realtors 2022.

Households	
Number of Households	56,367
Number of Family Households	32,061
Number of Non-Family Households	24,306

Sources: U.S. Census Bureau, 2020 American Community Survey

County Income	
Per Capita Income	\$31,525
Median Household Income	\$63,510

Sources: U.S. Census Bureau, 2020.

County Employment Statistics	
Civilian Labor Force	72,889
Employed	69,865
Unemployed	3,115
Unemployment Rate	4.3%
States Average	4.6%

Source: MD Department of Labor, Licensing & Regulation March 2022



**Education Facilities in Washington County****Higher Education:**

Hagerstown Community College  
 Purdue Univ. Global - Hagerstown  
 Univ. System of MD at Hagerstown

**Primary Education:**

26 Elementary Schools  
 7 Middle Schools  
 9 Senior High Schools  
 1 Middle/Senior High School  
 1 Technical High School  
 1 Evening High School  
 1 Outdoor Education  
 1 Special Education  
 Pupil/Teacher Ratio: 13.1

Public Enrollment: 22,171

39 Private Schools

Sources: Washington County Board of Education.

**Top 15 Employers in Washington County****Employer****Employment**

1	Washington County PS	3,286
2	Meritus Health, Inc.	2,740
3	FirServ	2,185
4	State of Maryland	2,030
5	Volvo Group	1,611
6	Amazon	1,500
7	Washington County Govt.	1,118
8	Citi	925
9	FedEx Ground	900
10	Bowman Group, LLP	830
11	Federal Government	582
12	Walmart	565
13	ARC of Washington County	550
14	Hagerstown Comm. College	545
15	Merkle Response Svc., Inc	545

Source: Maryland Department of Commerce.

**County Industry Series****Industry****Total Establishments**

Federal Government	33
State Government	12
Local Government	66
Natural Resources & Mining	28
Construction	338
Manufacturing	135
Trade, Transportation & Utilities	877
Information	42
Financial Activities	320
Professional & Business Services	498
Education & Health	427
Leisure & Hospitality	387
Other Services	292
Unclassified	9
<b>Total</b>	<b>3,464</b>

Source: Dept of Labor, September 30, 2021.

## County Water Quality Systems

	<u>Total # of Services</u>
Full - Service Water	1,350
Full - Service Sewer	7,459
Collection Service Sewer	3,942
<b>Total</b>	<b>12,751</b>

## County Building Permits (000's)

	<u>Number</u>	<u>Value</u>
Residential New	232	\$71,510
Other Permits	1,009	\$142,689
<b>Total</b>	<b>1,241</b>	<b>\$214,199</b>

Source: Washington County Department of Budget and Finance

Source: Washington County Department of Plan Review and Permitting.

**Top 20 Largest Taxpayers in Washington County  
as of June 30, 2021  
Ranked by Assessed Value**

	<u>Taxpayer</u>	<u>Assessed Value</u>
1	Potomac Edison	\$ 104,392,770
2	PR Valley Limited Partnership	97,734,690
3	Preylock Hagerstown, LLC	93,038,100
4	NP Hagerstown Industrial	90,118,775
5	Bowman Group	85,836,632
6	Outlet Village of Hagerstown	84,605,100
7	Liberty Property Management	74,012,200
8	Fedex Ground Package System	60,020,277
9	Walmart Stores/Wal-Mart R. E. Sam's East	51,280,934
10	LNC STP Hagerstown Multi, LLC	51,539,223
11	2007 East Greencastle Pike	50,469,100
12	Ghattas Enterprise Maugans Ave	45,874,100
13	Western Hagerstown (Ind & Dist)	45,584,133
14	Columbia Gas of Maryland	45,000,850
15	Mack Truck Inc/Volvo Group	38,310,910
16	Norfolk Southern Combined Rail	35,650,180
17	Verizon	29,658,180
18	Intelsat	28,474,930
19	Antietam Cable Television	19,963,120
20	Amazon.com Services	16,086,460

Source: Washington County Treasurer's Office. The information set forth above was compiled from tax rolls on which the names and owners are not always recorded in the same way.

# Capital Improvement Plan Development



## Capital Improvement Program

Washington County government is responsible for providing infrastructure improvements to its citizens. To provide for these improvements on a continuing basis, the Board of County Commissioners established a Capital Improvement Program that forecasts the future needs and priorities of the community. Through sound planning and programming of capital projects, the County can provide many improvements while utilizing the prescribed amount of funds available for this purpose.

A major purpose of the Capital Improvement Program is to provide a means for coordinating and consolidating all departmental and agency project requests into one document. The projects can then be examined and prioritized based on established criteria that includes County plans and policies.

A Ten-Year Capital Improvement Plan is developed each fiscal year and includes scheduling and financing of future community facilities such as public buildings, roads, bridges, parks, water and sewer projects, and educational facilities. The plan is flexible and covers ten years with the first year being the Capital Improvement Budget. Funds for each project are allocated from Federal, State, and local sources by the County Commissioners.

The Capital Improvement Plan not only accounts for the acquisition, expansion, and rehabilitation of infrastructure and other capital assets, but it also incorporates the following basic underlying principles of the County:

- ◆ Capital projects are targeted to support the goals of the Comprehensive Plan and other County functional plans.
- ◆ Capital investments are made for economic development.
- ◆ Existing assets are preserved and maintained to ensure continued service.
- ◆ External funding possibilities are considered when reviewing and prioritizing projects.
- ◆ Intergovernmental funding is sought for regional projects.
- ◆ Debt is used carefully and managed in accordance with the goals and objectives of County policies.

The Ten-Year Capital Improvement Plan is updated on an annual basis for both project costs and funding sources. Along with the development of the Capital Improvement Plan, an annual debt affordability analysis is performed to evaluate the effect of debt service costs on operating budgets and to utilize long-term financial planning. As part of the annual review process, certain projects are closed out due to completion and others are added as the re-sequencing of project priorities occur.

## Capital Improvement Plan Process

Capital Improvement Plan development begins in the winter after the completion of the debt affordability analysis. The Capital Improvement Program provides a comprehensive approach to planning and impacts all facets of County operations. The County Administrator, the Chief Financial Officer, the Planning Director, the Director of Public Works, and the Director of Engineering comprise the Capital Improvement Plan Committee, (“CIP Committee”). From the time the Capital Improvement Plan’s initial annual review begins in October through its adoption in May of each year, there is constant interaction between departments, the CIP Committee, and the elected officials. This effort is characterized by cooperation and reflects a common goal of

ensuring that the Capital Improvement Plan meets the objectives of the County and remains affordable and achievable. The CIP Committee reviews the project submissions to ensure:

- ◆ The plans are properly coordinated with other projects, entities, etc.;
- ◆ Long-term operating impacts are included in estimates (including staffing, utility, maintenance, and debt);
- ◆ Timeframes for construction activity and cash flow are realistic;
- ◆ The budget and appropriate funding sources are adequate; and
- ◆ Projects are prioritized based on County goals, department priorities, and anticipated funding sources.

The Capital Improvement Plan is reviewed in conjunction with the debt affordability analysis and revenue projections, inclusive of rate analysis, in order to determine funding availability. A financial analysis of funding sources and project costs is conducted for all proposed capital improvement projects. It is the CIP Committee's responsibility to review all requests that County departments and agencies submit. All projects are ranked based on established criteria for priority ranking. Considering current and future needs, as developed in the ten-year plan, available funding sources, and the results of the priority ranking process, the CIP Committee determines which capital projects best meet established criteria for the current fiscal year Capital Improvement Budget and the nine-year forecast.

The Board of County Commissioners reviews the Ten-Year Capital Improvement Plan in regular public working sessions and at the public hearing. Following this review and before the end of the fiscal year, the Board formally approves and adopts the Ten-Year Capital Improvement Plan for the established projects.

## Components of the Capital Program

### Capital Project Definition

Capital Projects are included in the Capital Improvement Plan when the project supports or improves infrastructure needs and/or the productive capacity of the County. Projects should have a useful life greater than five years and an estimated cost of \$10,000 or more, and should also meet one or more of the following criteria:

- ◆ Projects having restricted funding sources, including grants, that require them to be included in the Capital Improvement Budget;
- ◆ Systematic acquisitions over an extended time period to complete implementation of a major functional or operating system;
- ◆ Rehabilitation or replacement projects of governmental or agency facilities;
- ◆ Projects that require bond financing because of significant costs associated with acquisition or construction of the project; and
- ◆ Planning and feasibility studies that support the acquisition, construction, or improvement of the items listed above. (These are not required to meet the useful life test).

Capital assets include land, improvements to land, easements, buildings, building improvements, vehicles, machinery, large equipment, infrastructure, and all other tangible and intangible assets that are used in operations. Assets not meeting the criteria above are budgeted as capital outlay in the Operating Budget.

### Capital Project Priority Ranking System

During the review process the CIP Committee prioritizes projects based on the County's broad goals, department priorities, anticipated funding sources, and the priority-ranking matrix. The priority-ranking matrix is composed of 14 scored and weighted criteria, which is the basis for assigning projects into one of the five priority-ranking categories.

The 14 scored and weighted ranking criteria used by Washington County are:

1. Legal Mandates – This criterion assesses the risk with legal issues required by Federal or State statute, court order, or regulation, or a project that moves the County into further compliance with such mandates.
2. Public Health and Safety – This criterion includes health related impacts such as increases in traffic accidents, injuries, and deaths.
3. Environmental Impact – This criterion evaluates the environmental related impact on items such as water quality, flood control, air quality, contamination, etc.
4. Conformity to County Commissioners Goals and Plans – This allows for the evaluation of the project in relationship to the goals and plans of the Commissioners and/or the Comprehensive Plan or other approved plans by the County.
5. Conformity to Agency, Department and Jurisdictional Plans – This allows for the evaluation of the project in relationship to written plans of County agencies, departments, and jurisdictions.
6. Community Support – This criterion refers to interest group advocacy and/or opposition and conformity to County master and strategic plans.
7. Project Cost – This criterion considers the total cost of constructing or installing the proposed work. The higher the cost the lower the weight. However, the forced score should not be considered adversely with respect to an individual project as it simply identifies the financial issues within the Capital Improvement Plan Budget. A project will rank high if warranted by other evaluation criteria when scored if appropriate.
8. Funding – This criterion evaluates available funding sources to be contributed towards the proposed project, taking into consideration if the project is continuing from the prior year (in which funding would be required), if there is proposed self-supporting funds, or if significant outside funding sources are available.
9. Operating Budget Impact: Cost/Benefit – This criterion reflects other costs relative to the proposed project, including operation and maintenance, start-up costs, and personnel, as well as cost savings and potential revenues generated by the completed project.

10. Preservation of Facility – Measures the possible effect of deferring the project, such as complete replacement of facility or equipment, major repair, normal repair costs if not replaced or added cost for new facility.
11. Project Life – This criterion is used to rank the project based on life expectancy and projected maintenance cost. A higher value is placed on longer-term infrastructure assets.
12. Economic Impact – Measures the impact such as property value, future tax base, added jobs, income to citizens, changes in business income, and stabilization of neighborhoods. Such impacts may apply more to capital projects related to growth and expansion than to infrastructure maintenance, although deteriorating structures can adversely affect business.
13. Recreational, Cultural or Aesthetic Value – A catch-all criteria for other significant quality-of-life related impacts that include community appearance, recreational opportunities, and cultural improvements.
14. Percent of Population Benefiting – Estimates the number of persons likely to be affected by the project and nature of the impact.

After the projects are scored and weighted using the above criteria, the projects are then categorized based on the score into Priority 1 through Priority 5. The priority category definitions are as follows:

- |            |   |
|------------|---|
| Priority 1 | Projects needed to comply with a court order or legislative mandate, and/or projects that are critical to the health, safety, and general welfare of County citizens. |
| Priority 2 | Projects essential to the general welfare of the community, operating or maintaining of a physical facility, but not critical relative to other projects.             |
| Priority 3 | Projects that provide a public operational improvement or are important in relation to County financial capabilities, needs, or other program requirements.           |
| Priority 4 | Projects that provide for necessary maintenance or replacement, but where deferral will not result in significantly increased cost to the County.                     |
| Priority 5 | Projects that conflict with the master plan and/or projects for which there are concerns related to serious need, cost, justification, or timing.                     |

After all proposed projects are prioritized using these criteria, the CIP Committee (1) reviews the project ranking report for reasonableness; (2) checks for any projects that appear out of order; (3) determines if there are any linkages between projects; (4) evaluates if there are any advantages to having projects done concurrently; (5) ascertains if there are any projects dependent on one another; and (6) reviews the project's impact on the operating budget. Adjustments to the final ranking may be necessary based on this extensive Capital Improvement Plan prioritization process.

The CIP Committee provides an enterprise-wide view and prioritizes proposed projects while balancing project requests against known County objectives. After their review is complete, the CIP Committee presents the Ten-Year Capital Improvement Plan to the Board of County Commissioners. The County Commissioners review the

recommended Ten-Year Capital Improvement Plan during budget workshops and at a public hearing prior to budget adoption.

Program priorities, long-term service needs, and planning – like multidimensional ranking systems – complement rather than replace, the judgment that County officials must exercise in ranking requests for capital projects and acquisitions and developing the Capital Improvement Plan and Capital Budget.

### Capital Improvement Plan Funding Sources

Funding sources in the Capital Improvement Plan are budgeted in each fiscal year in which they will be received. All potential funding sources are considered when developing the Capital Improvement Plan to ensure that projects are funded with appropriate revenue streams. Some projects are funded with project-specific revenues that benefit particular projects and/or users, as is the case with development fees. The other information considered when funding the Capital Improvement Plan are the results of the Debt Affordability Analysis, cash flow requirements of each project, and the financial costs associated with each funding source. Following are descriptions of the funding sources for the Capital Improvement Budget:

- ◆ *Tax-Supported Bonds* are General Obligation Bonds secured by the full faith and credit of the issuer. General Obligation Bonds issued by the County are secured by a pledge of the County's property taxing power and must be authorized by legislative authority. The amount to be issued in this fiscal year is based on the County's debt affordability guidelines, debt policies, and future project costs.
- ◆ *Self-Supported Bonds* are issued for enterprise funds and the debt service is paid from user fees.
- ◆ *Pay-Go Funds* represent cash contributions from various operating funds for specific capital projects without a dedicated funding source.
- ◆ *Federal and State Funds* are for specific projects and are restrictive in nature. These funds are inconsistent from year-to-year and are not used as a base revenue stream.
- ◆ *Fees and Taxes* is the other major funding source. Excise tax is assessed for residential construction at \$1 per sq foot (SF), and \$.50 SF for additions to residential properties. Excise tax for nonresidential non-retail is assessed at \$1 SF and nonresidential retail at \$1 SF for the first 15,000 SF and \$3 SF thereafter. Budgeted excise tax is based on projected growth and development. Transfer tax is charged on recorded real property transfers in the County at a rate of .5%. Transfer tax revenue is based on projected home sales and recordation activity. In addition, the County has an Adequate Public Facilities Ordinance Fee and is used to generate revenue so that public facilities and services needed to support new development will be available concurrently with the impacts of the new developments.





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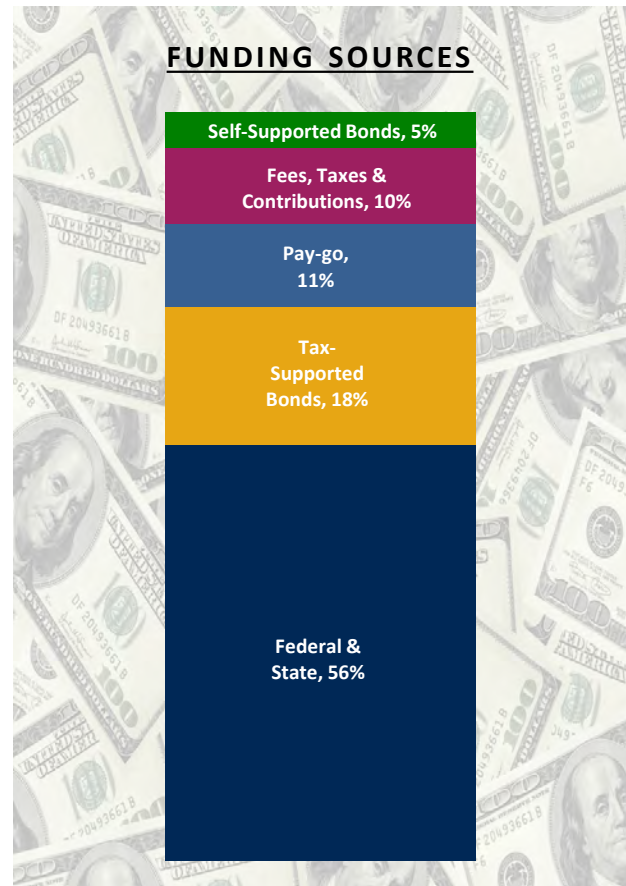
# Fiscal Year 2023 Overview

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## Fiscal Year 2023 Capital Improvement Budget Overview

A graphic illustration of planned capital project distribution and funding sources for fiscal year 2023 is shown below. The fiscal year 2023 Capital Improvement Budget is funded mainly from: tax-supported and self-supported bonds, pay-go funds, Federal and State funds, and developer-based fees.



## Operating Impact of Capital Improvement Projects

The operating impact of capital projects are reviewed and considered during the Capital Improvement Plan review process. Estimated new revenues and or operational efficiency savings associated with projects are also taken into consideration. The operating costs of the projects are identified and considered during the ranking evaluation. The operating costs of projects to be completed and in-service during the budget year are identified and justified as part of the operating budget process. Additions or eliminations of personnel, significant start-up costs, as well as operation and maintenance costs of the new facilities are included in the operating budget. These conservative operating cost estimates include personnel, equipment maintenance, building maintenance, and other major costs anticipated at the completion of the project. An important consideration in the County's Capital Improvement Budget is the fiscal impact on the Operating Budget due to the additional debt service cost. Total debt service cost for fiscal 2023 is approximately \$20.3 million.

The ten-year operating budget impact for major projects approved in the fiscal year 2023 Capital Budget are presented in the project detail schedule located in the next section.

## Debt Affordability Analysis

One of the major sources of funding for capital projects is debt. Debt is issued to match the cash flow requirements of the Capital Improvement Plan, while considering the effect of the tax burden on the citizens. Therefore, along with the development of the Capital Improvement Plan, an annual debt affordability analysis is performed to evaluate the effect of debt service costs on operating budgets and to utilize long-term financial planning.

The key factor in the issuance of debt is the understanding that effective debt management is critical to the overall financial management of the County. Therefore, the issuance of debt is done in conformance with the County's Debt Policy, which is an integral component of the County's financial management program. Accordingly, critical to sound financial and debt management is the continuing evaluation of the County's ability to afford and plan for the issuance of debt. In this regard the County has instituted a self-imposed requirement that an annual debt affordability analysis be performed. The analysis provides a method by which the County's debt position can be evaluated, tested for stress and affordability, and compared to other jurisdictions, "Peer Group", that are considered comparable to the County. The analysis provides the County Commissioners and citizens with a way to assess the impact of bond issuance and allows for informed decisions regarding financing proposals and capital spending priorities.

The County undertakes the debt capacity analysis on an annual basis in conjunction with the issuance of bonds and the formulation of the long-range Capital Improvement Plan. This comprehensive and routine analysis of debt capacity provides assurance that the amount of debt issued by the County is affordable. It also ensures that an appropriate balance is maintained between the County's capital needs and its ability to pay for them.

To determine the County's debt affordability, a peer group was established for comparison. The Peer Group consists of counties that share similar characteristics in various areas, including but not limited to, population, region, bond rating, and budget thresholds. Also, our sample of counties was based on size and income indicators, such as per capita income, property values, access to interstate highways, and revenue generation.

The Peer Group contains nine other Maryland counties: Howard, Frederick, Harford, Carroll, Charles, St. Mary's, Cecil, Wicomico, and Calvert.

As with any business, including County government, it is important to develop strategic objectives, including prudent borrowing limits. The debt ratios used by the County are relevant benchmarks used to measure its debt position. Establishing an acceptable range for the debt ratios has allowed the County to continually monitor its debt position and provide a mechanism for calculating debt capacity. The information provided by the ratios assists the County in the capital budgeting decision process, including prioritizing capital spending.

Measures of debt affordability are sensitive as they are impacted by the amount of outstanding debt and changes in both demographic and economic factors. Changes in demographic factors such as population growth and personal income affect debt ratios. Economic cycles can have major impacts, both positive and negative, on targeted ratios and debt capacity. This volatility demonstrates the need for assessing changes in projected debt capacity on an annual basis.

Decisions regarding the use of debt is based on a number of factors including, but not limited to, the long-term needs of the County and the amount of resources available to repay the debt. Flexibility is required to enable the County's management team to respond to unforeseen emergencies or opportunities in the operational budget. In order to provide for that flexibility, the most important ratio - Debt Service as a Percent of Revenue -

is included in the analysis. Comparing debt ratios of the Peer Group and national medians is useful in evaluating the County's debt position. Evaluating the change in ranking over time also indicates a strengthening or weakening of the County's debt position relative to the Peer Group and to national averages. Following is a five-year comparison of the County's debt ratios for the tax-supported debt portion.

Ratio and Peer Group Median Comparisons								
Fiscal Year	Debt Per Capita		Debt as a Percent of FMV		Debt Service as a % of General Fund Revenue		Debt Service per Capita as a % of Income Per Capita	
	County Amount	Peer Group Median	County Ratio	Peer Group Median	County Ratio	Peer Group Median	County Ratio	Peer Group Median
2018	952	1,614	1.16%	1.64%	6.69%	8.94%	0.21%	0.34%
2019	967	1,646	1.16%	1.50%	6.03%	9.32%	0.20%	0.34%
2020	952	1,701	1.12%	1.56%	6.19%	9.02%	0.20%	0.34%
2021	948	1,623	1.09%	1.34%	5.13%	7.42%	0.18%	0.30%
2022 estimated	1,054	1,623	1.21%	1.34%	5.96%	7.42%	0.19%	0.30%
Policy		1,500		1.50%		8.00%		0.50%

When the County compares its debt ratios to its peer group and national medians, it provides a snapshot of our debt position at a single point in time. However, to fully understand the County's debt position, it is important to evaluate ratios over a long period of time so that trends can be ascertained, analyzed, and evaluated.

In completing the debt affordability analysis the estimated debt capacity ceiling is established and policy guidelines are applied to the debt capacity calculations. The ratio of Debt Service as a Percentage of Revenue is considered the most critical criteria in establishing debt capacity, in part, because the County controls both components of the ratio and the impact of the change is most pronounced in the operating budget and potentially the tax burden carried by the citizens.

Projections are based on net tax-supported debt currently outstanding plus average debt that is anticipated to be issued over the next 20 years. The projections are intended only to provide a method for assessing the impact of issuing more debt. The County's debt affordability analysis is designed to: ensure that anticipated future debt is manageable from a fiscal and budgetary perspective; meet peer group ratio targets and avoid negative treatment by the rating agencies in the form of a rating downgrade; and keep borrowing costs to a minimum. The following table illustrates the impact of long-term debt issuance as it relates to various Peer Group targets that the County monitors.

Debt Capacity Analysis – Effect of Debt Issuance on Debt Ratios								
Fiscal Year	Debt Per Capita		Debt as a Percent of FMV		Debt Service as a %		Debt Service Per Capita as a % of Income Per Capita	
	Projected	Peer Group Median	Projected	Peer Group Median	Projected	Peer Group Median	Projected	Peer Group Median
2023	1,089	1,623	1.24%	1.34%	6.32%	7.42%	0.21%	0.30%
2024	1,114	1,623	1.26%	1.34%	6.54%	7.42%	0.21%	0.30%
2025	1,133	1,623	1.27%	1.34%	6.69%	7.42%	0.22%	0.30%
2026	1,149	1,623	1.28%	1.34%	6.69%	7.42%	0.22%	0.30%
2027	1,162	1,623	1.28%	1.34%	6.69%	7.42%	0.22%	0.30%
2028	1,174	1,623	1.29%	1.34%	6.87%	7.42%	0.23%	0.30%
2029	1,181	1,623	1.28%	1.34%	6.33%	7.42%	0.21%	0.30%
2030	1,195	1,623	1.29%	1.34%	6.31%	7.42%	0.21%	0.30%
2031	1,208	1,623	1.29%	1.34%	6.57%	7.42%	0.22%	0.30%
2032	1,214	1,623	1.29%	1.34%	6.57%	7.42%	0.22%	0.30%
2033	1,219	1,623	1.29%	1.34%	6.61%	7.42%	0.22%	0.30%
2034	1,220	1,623	1.28%	1.34%	6.58%	7.42%	0.22%	0.30%
2035	1,220	1,623	1.27%	1.34%	6.55%	7.42%	0.22%	0.30%
2036	1,218	1,623	1.26%	1.34%	6.46%	7.42%	0.22%	0.30%
2037	1,215	1,623	1.24%	1.34%	6.42%	7.42%	0.22%	0.30%
2038	1,211	1,623	1.23%	1.34%	6.38%	7.42%	0.22%	0.30%
2039	1,205	1,623	1.22%	1.34%	6.34%	7.42%	0.22%	0.30%
2040	1,198	1,623	1.20%	1.34%	6.30%	7.42%	0.22%	0.30%
2041	1,189	1,623	1.18%	1.34%	6.24%	7.42%	0.22%	0.30%
2042	1,178	1,623	1.16%	1.34%	6.26%	7.42%	0.22%	0.30%
Policy	1,500		1.50%		8.00%		0.50%	

### Credit Ratings

Rating agencies are companies that assign credit ratings to institutions, including local governments that issue debt obligations. Credit ratings are the rating agencies' assessment of the County's ability and willingness to repay debt on a timely basis. Debt management is an important factor in evaluating and assigning credit ratings. Credit ratings are an important indicator in the bond market and can influence the County's long-term interest rates that it must pay.

The County's current credit ratings are AA+ by Standard & Poor's, AA+ by Fitch and an Aa1 by Moody's Investors Service. The County's credit ratings reflect strong financial management, continued economic development and diversification, strong financial position, sound financial policies, manageable capital needs, low to moderate debt, and strong reserves.

### Changes in Economic Assumptions

In addition to analyzing the impact of the capital program on debt ratios and capacity, to remain prudent, the County analyzes the impact of changing economic conditions on the recommended maximum level of annual debt issuance. Three economic scenarios are created:

- ◆ 'Base' case reflects future economic conditions based on historical and projected trends.
- ◆ 'Best' case reflects the best economic conditions based on historical high trends.
- ◆ 'Worst' case reflects the worst economic conditions based on historical low trends.

The assumptions used in determining debt capacity in each scenario are based on historical trends, judgment, and projected economic conditions. Each case assumption is applied to the 20-year projection.

The 'Base' case projects the most affordable program. The 'Best' and 'Worst' case scenarios assume major changes in economic conditions for the 20-year period and could require adjustments to the Capital Improvement Plan and the debt issuance plan. However, planning to issue debt on the 'Best' case scenario every year is not advisable because some bonding capacity should be kept in reserve in anticipation of sudden unexpected economic downturns.

### Final Analysis

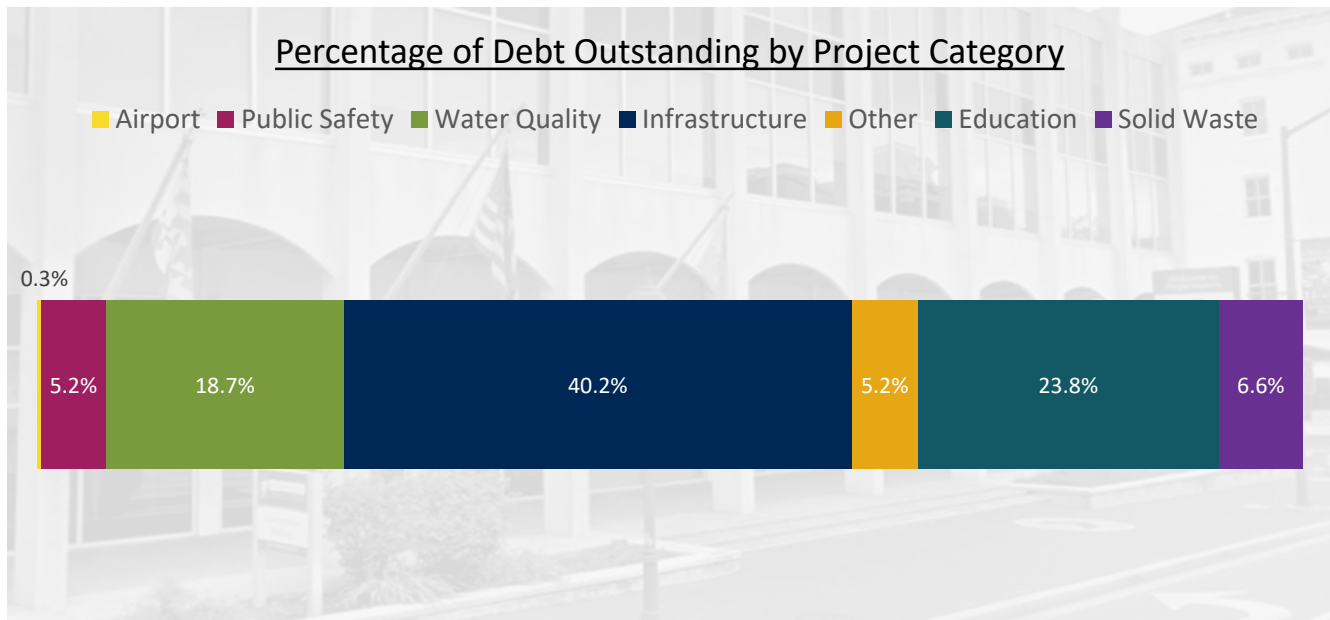
There are multiple factors that can affect the County's affordability to incur future indebtedness, including the County's economy and the availability of adequate financial resources. For that reason, the financial ratios and analysis used, take into account the entire County financial condition, as other factors can effectively deteriorate the County's financial posture and affect its ability to incur debt. In addition, these managerial and unpredictable scenarios are considered and tested as part of the analysis, so that the known effects of 'Worst' and 'Best' case results can be examined. It is important for the County to monitor its financial condition, the economic trends, and debt affordability results on a regular basis, in order to continue to evaluate the County's credit position to determine whether annual issuance of debt should be adjusted to reflect a changing financial outlook for the County under altered circumstances.

The estimated maximum debt capacity is not intended to be an absolute limit or a recommendation on the amount of debt that can be incurred. It should be used as a guide for better long-term financial planning and improving capital budgeting. Debt capacity estimates can assist long-term capital planning by showing the resources available to fund needed infrastructure, schools, and other capital needs. The estimates can then be used to allocate restricted resources to priority projects. The County's annual debt review analyzes the projected debt issuances to assure that long-term financial stability will remain intact.

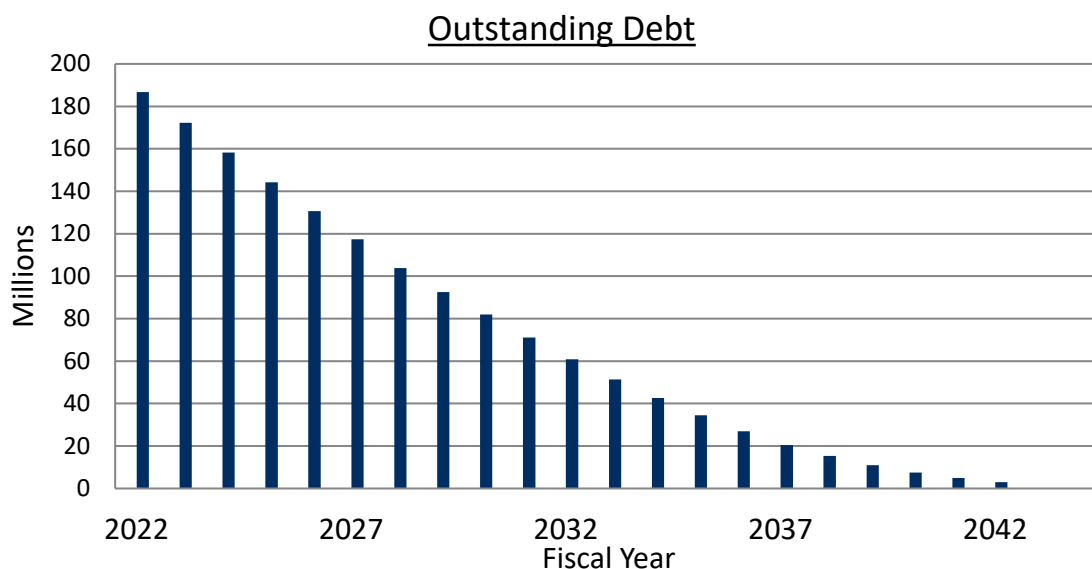
## Outstanding Debt

The impact of the Capital Improvement Budget on the Operating Budget is evaluated during the budget process. The Capital Improvement Budget includes costs for long-term capital projects, which add to the capital asset base of the County. The Operating Budget includes the principal and interest cost associated with those assets and the pay-go financing.

The following graph illustrates the percentage of total debt outstanding at June 30, 2022, by project category:



The following graph illustrates the current outstanding debt as of June 30, 2022.





The table below shows the current outstanding balance as of June 30, 2022, and the estimated impact of debt service on the Operating Budget for FY 2023.

Current Debt Balance and FY 2023 Principal and Interest Costs

Description	FY 2022 Balance	FY 2023 Principal	FY 2023 Interest	Total Debt Service
<b>General Fund:</b>				
2012 Public Improvement Bonds	584,214	584,214	8,763	592,977
2012 Refunding Bonds	710,670	346,670	28,430	375,100
2013 Public Improvement Bonds	8,040,000	565,000	235,550	800,550
2013 Refunding Bonds	5,148,678	1,413,760	135,020	1,548,780
2014 Public Improvement Bonds	10,310,000	615,000	372,563	987,563
2015 Public Improvement Bonds	9,345,408	508,409	345,718	854,127
2015 Refunding Bonds	12,355,170	1,876,447	456,678	2,333,125
2016 Public Improvement Bonds	9,755,270	505,937	296,460	802,397
2016 Refunding Bonds	5,040,423	629,207	161,568	790,775
2017 Public Improvement Bonds	10,336,720	470,247	356,064	826,311
2018 Public Improvement Bonds	10,815,326	434,933	405,818	840,751
2019 Public Improvement Bonds	11,242,675	410,218	378,482	788,700
2020 Public Improvement Bonds	8,733,643	314,052	268,714	582,766
2020 Refunding Bonds	5,306,270	478,042	253,362	731,404
2020 B Refunding Bonds	13,399,857	572,582	249,458	822,040
2021 Public Improvement Bonds	10,785,626	356,877	341,214	698,091
2022 Public Improvement Bonds	9,280,000	0	236,286	236,286
MD Water Quality Solid Waste Refinancing	277,202	277,202	2,772	279,974
MD Water Quality Resh Capping Ph 1	1,408,469	276,116	14,084	290,200
Total General Fund Existing Debt	\$ 142,875,621	\$10,634,913	\$ 4,547,004	\$ 15,181,917
2023 Planned Debt:				
2023 Public Improvement Bonds	12,000,000			
Total General Fund Debt	\$ 154,875,621	\$10,634,913	\$4,547,004	\$15,181,917
<b>Solid Waste:</b>				
2013 Refunding Bonds	66,322	21,240	1780	23,020
2015 Refunding Bonds	1,036,959	160,834	38,262	199,096
2016 Public Improvement Bonds	83,733	4,343	2,545	6,888
2016 Refunding Bonds	725,735	90,595	23,263	113,858
2017 Public Improvement Bonds	983,711	44,752	33,885	78,637
2018 Public Improvement Bonds	767,888	30,880	28,813	59,693
2019 Public Improvement Bonds	238,907	8,717	8,043	16,760
2020 Public Improvement Bonds	26,357	948	811	1,759
2020 Refunding Bonds	2,100,426	189,228	100,290	289,518
2020 B Refunding Bonds	1,851,210	79,103	34,463	113,566
MD Water Quality Solid Waste Refinancing	761,559	761,559	7,616	769,175
MD Water Quality 40 West Cell 3	386,968	144,574	4,256	148,830
Total Solid Waste Existing Debt	\$9,029,775	\$1,536,773	\$284,027	\$1,820,800
2023 Planned Debt:				
2023 Public Improvement Bonds	350,000			
Total Solid Waste Debt	\$9,379,775	\$1,536,773	\$284,027	\$1,820,800

Description	FY 2022 Balance	FY 2023 Principal	FY 2023 Interest	Total Debt Service
<b>Airport:</b>				
2012 Refunding Bonds	169,330	113,330	6,773	120,103
Total Airport Existing Debt	<u>\$169,330</u>	<u>\$113,330</u>	<u>\$6,773</u>	<u>\$120,103</u>
<b>Water Quality:</b>				
2012 Public Improvement Bonds	275,786	275,786	4,137	279,923
2015 Public Improvement Bonds	2,694,593	146,591	99,682	246,273
2015 Refunding Bonds	552,870	82,719	20,460	103,179
2016 Public Improvement Bonds	6,935,997	359,721	210,783	570,504
2016 Refunding Bonds	1,683,842	210,198	53,975	264,173
2017 Public Improvement Bonds	549,569	25,001	18,931	43,932
2018 Public Improvement Bonds	1,471,786	59,187	55,225	114,412
2019 Public Improvement Bonds	988,418	36,065	33,275	69,340
2020 Public Improvement Bonds	4,985,000	110,000	139,500	249,500
2020 Refunding Bonds	918,304	82,730	43,847	126,577
2020 B Refunding Bonds	3,353,933	143,315	62,438	205,754
2021 Public Improvement Bonds	94,374	3,123	2,986	6,108
2022 Public Improvement Bonds	6,535,000	0	166,405	166,405
MD Water Quality Pretreat. Refinancing 2004	461,063	450,000	1,844	451,844
MD Water Quality Halfway I & I	150,616	29,527	1,506	31,033
MD Water Quality Winebrenner	1,829,347	124,008	14,635	138,643
MD Water Quality Conococheague	1,125,059	66,698	7,875	74,573
Total Water Quality Existing Debt	<u>\$34,605,556</u>	<u>\$2,204,669</u>	<u>\$937,504</u>	<u>\$3,142,173</u>
2023 Planned Debt:				
2023 Public Improvement Bonds	2,750,000			
MD Water Quality Smithsburg WWTP ENR Upgrades	3,972,170			
Total Water Quality Debt	<u>\$41,327,726</u>	<u>\$2,204,669</u>	<u>\$937,504</u>	<u>\$3,142,173</u>
Total Existing and 2023 Planned Debt	<u>\$ 205,752,452</u>	<u>\$14,489,685</u>	<u>\$5,775,308</u>	<u>\$20,264,993</u>

**Bonded Limit Summary as of June 30, 2022**

The County may only issue general obligation and revenue bonds under authority conferred by the Maryland General Assembly, excluding those issued for education. No referendum is required. As of June 30, 2022, the unused authorization available for issuance of general obligation bonds was \$40,360,096.

By State law, the total bonded indebtedness of the County for Water, Wastewater, and Pretreatment purposes may not exceed 10% of the assessed value of all property in Washington County subject to unlimited County taxation. See following table.

Schedule of Legal Debt Margins – Department of Water Quality	
Estimated as of June 30, 2022	
Assessed Value of Property in Washington County	\$13,966,685,000
Debt Limit: % of Assessed Value	10%
Water Quality Borrowing Limitation	1,396,668,500
Water Quality Debt	34,605,558
Debt Margin	1,362,062,942
Ratio of Water Quality Debt to Assessed Value	0.25%

Assessed Value of Property in Washington County	\$13,966,685,000
Debt Limit: % of Assessed Value	10%
Water Quality Borrowing Limitation	1,396,668,500
Water Quality Debt	34,605,558
Debt Margin	1,362,062,942
Ratio of Water Quality Debt to Assessed Value	0.25%

## Statement of Revenues and Expenditures Summary by Year – Capital Improvement Fund

Description	Fiscal Year		
	2021 Actual	2022 Budget	2023 Budget
Revenue (By Major Type):			
Fees	\$7,039,859	\$2,600,000	\$2,600,000
Grants	10,816,018	22,014,000	36,369,000
Other	99,767	540,000	4,096,000
Bonds	12,196,194	20,045,000	15,100,000
Subtotal	30,151,838	45,199,000	58,165,000
Transfers	33,528,274	5,197,000	6,115,000
Capital Reserves		4,436,000	1,122,000
<b>Total Revenue</b>	<b>63,680,112</b>	<b>54,832,000</b>	<b>65,402,000</b>
Expenditures (By Function):			
Education	2,522,890	17,290,000	20,535,000
Public Safety	5,440,020	5,115,000	6,286,000
Court System	1,515		
General Government	2,720,917	272,000	1,053,000
Parks and Recreation	352,169	1,487,000	6,586,000
Water Quality	1,141,307	10,795,000	10,889,000
Roads/Infrastructure	12,160,015	11,264,000	18,117,000
Solid Waste	129,168	1,989,000	488,000
Transit System	364,908	3,158,000	
Airport	10,754,859	3,347,000	1,423,000
Golf Course	83,952	115,000	25,000
<b>Total Expenditures</b>	<b>35,671,720</b>	<b>54,832,000</b>	<b>65,402,000</b>
Net Difference	\$28,008,392	0	0

## Project Detail of Major Projects – Fiscal Year 2023

Project Name	Project Description	Project Budget	Operating Impact
Capital Maintenance - BOE	Projects vary depending on the conditions, safety, security, and utility requirements. The Comprehensive Maintenance Plan outlines specific projects over the next five years. Projects which qualify for State funding of 79% of construction costs are included here. Projects are targeted to reduce deferred maintenance.	\$14,036,000	\$0
Second Entrance Drive Widening Project	With more traffic using the second entrance, due to the new bridge from Eastern Boulevard, the College is trying to improve pedestrian safety. The project consists of improving the roadway from Yale Drive by creating a traffic circle at the second entrance to the campus located at the top of the ridge west of the Amphitheater. Scholar Drive (west side) will intersect with the circle by relocating it behind Parking Lot 1. The east part of Scholar Drive will be located behind the ARCC. By relocating the road from in front of the ARCC to behind the building it will allow for better access to the building and allow direct access to the athletic fields. Also, the project calls for updated signage across campus that will allow for visitors as well as students to navigate their way on our campus.	5,939,000	0
Capacity Management Project	Capacity Management has been expanded to include the following: Phase I – Construct a new regional pump station to service the Maugansville area. The new pump station will pump the sewage to the Cedar Lawn area where it will be discharged into the County's gravity collection system. Gravity lines will be constructed from the new station to Maugansville and Maugans Meadow's pump stations. Once the new station is on-line the existing Maugansville and Maugans Meadow's pump stations will be taken off-line. Phase II – Construct a new gravity line from the regional station to the Garden Spot pump station. At this time, the Garden Spot pump station will be taken off-line. Phase III – Construct a new gravity line from Garden Spot pump station to Freedom Hills pump station. At this time, the Freedom Hill pump station will be taken off-line.	5,000,000	0
Pavement Maintenance and Rehab Program	This project includes the modification of county-wide pavement maintenance program targeting rehabilitation of county highway pavement, as required. Techniques may include but not be limited to road reclamation, bituminous concrete overlay, crack sealing, and surface treatment. Individual projects will be determined on an annual basis consistent with the County's overall Pavement Management Program.	4,250,000	0

Project Name	Project Description	Project Budget	Operating Impact
Agriculture Education Center Indoor Multipurpose Building	Approximately a 36,000 - 40,000 square foot multipurpose building capable of hosting various special events, livestock shows, recreational activities. Anticipated to serve as a primary emergency response site, storage and/or shelter facility. Located to the north of the kennel building.	\$4,050,000	\$0
Professional Boulevard Extended Phase II	The project involves the extension of Professional Court from a point 200 feet east of the proposed Antietam Creek Bridge (Project 1072) to Yale Drive Extended (Project 1093). The roadway length is approximately 2,700 feet. The project includes construction of a four lane closed section divided roadway that will connect into the roundabout intersection at Yale Drive.	3,000,000	3,000
Smithsburg WWTP ENR Upgrade	The project will upgrade the facility to address Maryland Department of the Environment (MDE) strategy for Enhanced Nutrient Removal (ENR) and expand capacity to address growth needs of the area.	3,000,000	10,000
Stormwater Retrofits	This project includes the construction of SWM systems based on Best Management Practices such as bio-swales, bio-filters, permeable pavements, ponds, wetlands, etc. along roadways, in parks, and on other county properties to satisfy the National Pollutant Discharge Elimination Systems (NPDES) requirements established by the MDE.	1,900,000	0
Emergency Services Equipment & Vehicle Program	The project is a 10-year capital equipment and vehicle replacement program for the County's Division of Emergency Services. DES needs to have a sustainable plan to replace critical vehicles utilized for emergency response.	1,900,000	0
Halfway Boulevard Bridges W0912	The project involves repairing the eastbound and westbound bridges of Halfway Boulevard over the Norfolk Southern railroad (ADC Map 20, H-8). The project will include cleaning and painting of steel beams, replacement of bearings and expansion joints, concrete repairs to the substructure and superstructure, traffic barrier improvements, and minor paving work.	1,600,000	0
MLK Gymnasium Upgrade	Gymnasium upgrades to include new flooring, lighting and HVAC.	1,500,000	0
Wright Road	The project involves the relocation of Wright Road between Hopewell Road and the railroad crossing on Wright Road. The project includes construction of a closed section roadway and will include culvert improvements on Wright Road and Hopewell Road. The project length is approximately 2,000 LF.	1,400,000	1,000

Project Name	Project Description	Project Budget	Operating Impact
Airport Infrastructure Grant	The U.S. Department of Transportation is providing funding to help Maryland airports prepare for future growth and better serve passengers through infrastructure funding. In FY23, the funding will be used for mill and overlay of asphalt pavement areas, drainage improvements, and pavement markings. Proposed work areas include the main terminal apron, Taxiway P apron, pavement within the Taxiway C Safety area at the west apron, and T-hanger taxi lanes. Projects for funds in FY24-FY27 will be identified as the guidelines for eligibility are developed.	\$1,100,000	\$0
Burn Building - PSTC Training Center	This project has cost associated with the purchase and installation of a modular constructed burn building at the new PSTC located off Sharpsburg Pike. Total cost of the building is expected to be \$1 million, with associated site preparation construction of \$500,000.	1,000,000	0
Halfway Boulevard Extended	The project involves the construction of a new four-lane open section roadway, including a large culvert, connecting existing Halfway Boulevard to MD Route 63. Intersection improvements at Halfway Boulevard extended and MD Route 63 include a traffic signal.	1,000,000	2,000
Highway - Vehicle & Equipment Replacement Program	This project will replace vehicles and heavy/specialized equipment for maintenance and construction activity.	907,000	0
P25 UHF Public Safety Radio Communications System Upgrade	P25 UHF Public Safety Radio Communications System Upgrade focuses on the upgrade of the system's core components to enable IP simulcast and P25 Phase 2 compatibility. Payments are stretched over ten (10) years.	875,000	0
Law Enforcement - Vehicle & Equipment Replacement Program	This project is for the replacement of public safety fleet inventory.	872,000	0
Crystal Falls Drive W3051	The project is located just outside Smithsburg town limits on Crystal Falls Drive (ADC Map 23, F-4). The project will replace a two span concrete bridge with a two cell concrete box culvert and include traffic barrier approach road improvements	800,000	0
Keedysville Road Bridge W5651	This bridge is located in the 18900 block of Keedysville Road, one half mile west of Keedysville (ADC Map 31, E-7). The project will rehabilitate a stone arch structure. The structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, stone masonry reconstruction, and repointing.	800,000	0

Project Name	Project Description	Project Budget	Operating Impact
Professional Boulevard Extended Phase III	The project involves the construction of a segment of Professional Boulevard south from the second Yale Drive roundabout continuing southeast towards Phase IV and Robinwood Drive. The roadway length is approximately 900 feet. The project includes construction of a four lane closed section roadway.	\$718,000	\$1,000
Detention Center - Systemic Projects	This project allows for major repairs and/or building improvements as needed for the Detention Center.	670,000	0
Mt. Aetna Water System Improvements	The project includes general plant and system improvements.	599,000	0
WQ Main Replacement	The project will replace aging water mains in various water distribution systems.	566,000	0
Gardenhour Road Bridge W2431	This project is located in the 22500 block of Gardenhour Road (ADC Map 12, D-10). The project involves the replacement of an existing one lane, single span bridge with a two lane concrete bridge with traffic barrier and approach road improvements.	500,000	0
Multi-Roof Project	The College has several roof replacement projects that include the Amphitheater, Kepler Theater facility, Learning Resource Center (LRC), Central plant, Learning Support Center (LSC), Administration and Student Affairs Building (ASA). Most show signs of age and are beginning to have recurring problems, which HCC's Maintenance Department addresses as necessary. The roofs listed below will be over twenty years old and their life expectancies will expire by the anticipated project year: 1. Kepler Theater (original building) - Build-up asphalt roof, last replaced in 2004, 2. Student Center (original building) - Built-up asphalt roof, last replaced in 2002, 3. Central Plant - modified bituminous membrane roof, last replaced in 2005, 4. Learning Support Center - Membrane roof, last replaced in 2005, 5. Administration and Student Affairs Building (ASA) - Built-up asphalt roof, last replaced in 2004, 6. Center for Business and Entrepreneurial Studies Wet-Lab Addition - TPO roof, last replaced 2008.	500,000	0
Systemic Improvements - Building	This project includes a variety of upgrades and/or replacements including, but not limited to, air conditioning, weatherproofing, roofing and other building improvements.	500,000	0
Patrol Services Relocation Renovation	Relocation of Patrol Services to the County's Phoenix Color Building.	500,000	0



# Ten Year Summary

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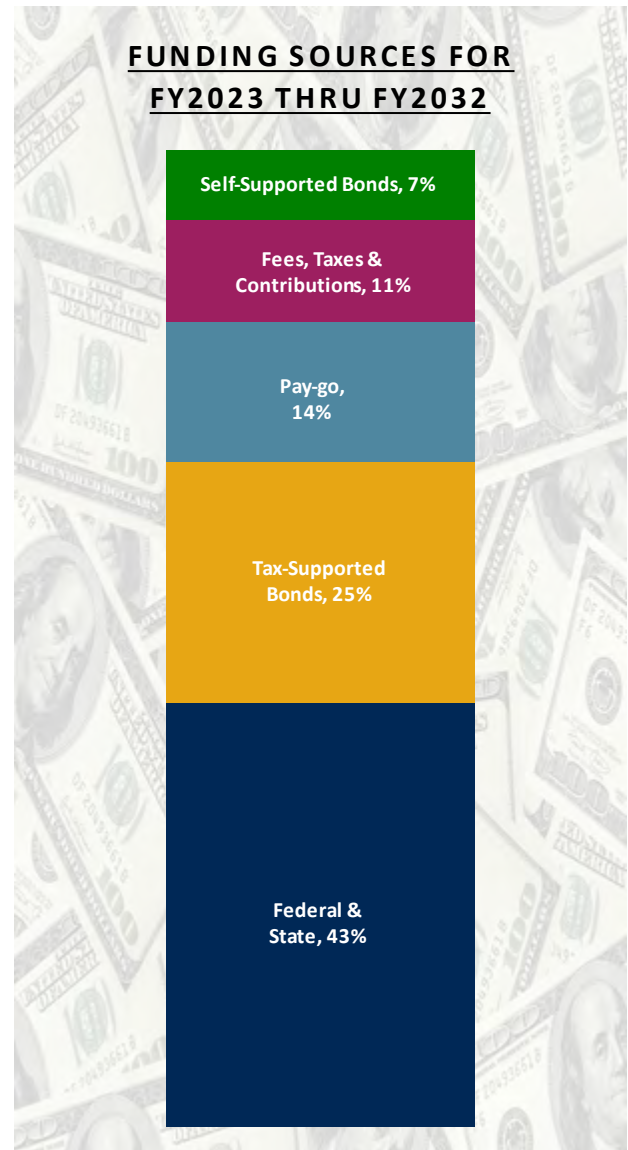
## Ten Year Capital Improvement Plan Graphs

The following graphs illustrate the projects by category and the funding sources that are currently scheduled for FY2023 thru FY2032. The 'Other' category includes projects for Parks & Recreation and General Government. The 'Education' category includes projects for the Board of Education, Hagerstown Community College, and Public Libraries. The total for all projects represented in the chart is \$484,407,000.

### PROJECT CATEGORIES FOR FY2023 THRU FY2032



### FUNDING SOURCES FOR FY2023 THRU FY2032



## Capital Improvement Ten Year Summary

### Fiscal Year 2023 – 2032

	Total	Prior Appr.	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future
<b>Project Costs</b>								
Airport	38,981,267	6,749,267	1,423,000	8,309,000	2,004,000	6,060,000	4,979,000	9,457,000
Bridges	24,942,933	6,982,933	4,062,000	1,285,000	705,000	1,975,000	741,000	9,192,000
Drainage	19,171,809	5,834,809	1,975,000	1,432,000	1,578,000	1,153,000	1,459,000	5,740,000
Education	228,012,716	15,719,716	20,535,000	14,826,000	16,820,000	36,033,000	31,018,000	93,061,000
General Government	13,983,671	3,746,671	1,053,000	1,090,000	1,115,000	1,095,000	1,145,000	4,739,000
Parks & Recreation	15,649,378	2,202,378	6,611,000	1,000,000	900,000	1,055,000	711,000	3,170,000
Public Safety	57,835,846	18,108,846	6,286,000	4,885,000	4,439,000	3,825,000	2,575,000	17,717,000
Railroad Crossings	1,686,450	936,450	0	0	0	0	200,000	550,000
Road Improvement	121,003,374	29,755,374	12,080,000	6,591,000	7,712,000	8,866,000	9,557,000	46,442,000
Solid Waste	5,765,417	252,417	488,000	654,000	3,541,000	241,000	95,000	494,000
Transit	8,553,459	4,508,459	0	0	0	480,000	1,375,000	2,190,000
Water Quality	67,489,121	23,871,121	10,889,000	1,408,000	2,337,000	2,174,000	1,849,000	24,961,000
<b>TOTAL</b>	<b>603,075,441</b>	<b>118,668,441</b>	<b>65,402,000</b>	<b>41,480,000</b>	<b>41,151,000</b>	<b>62,957,000</b>	<b>55,704,000</b>	<b>217,713,000</b>
<b>Funding Sources</b>								
General Fund	89,592,998	32,964,998	4,928,000	5,300,000	5,300,000	5,550,000	5,550,000	30,000,000
Highway Fund	5,876,000	876,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Cascade Fund	13,000	13,000	0	0	0	0	0	0
Solid Waste Fund	1,298,417	218,417	138,000	214,000	69,000	70,000	95,000	494,000
Utility Admin Fund	1,763,900	534,900	105,000	103,000	108,000	109,000	114,000	690,000
Water Fund	431,339	281,339	15,000	15,000	15,000	15,000	15,000	75,000
Sewer Fund	4,630,540	2,321,540	244,000	350,000	350,000	325,000	230,000	810,000
Airport Fund	1,738,892	401,892	185,000	419,000	140,000	110,000	101,000	382,000
Tax-Supported Bond	139,115,424	19,115,424	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	60,000,000
Self-Supported Bond	50,081,198	16,143,198	3,100,000	1,355,000	5,011,000	1,896,000	1,175,000	21,401,000
State Loan	3,972,170	3,972,170	0	0	0	0	0	0
Transfer Tax	23,008,072	3,008,072	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Excise Tax - Schools	4,235,000	385,000	385,000	385,000	385,000	385,000	385,000	1,925,000
Excise Tax - Roads	1,530,320	270,320	126,000	126,000	126,000	126,000	126,000	630,000
Excise Tax - Other	319,000	29,000	29,000	29,000	29,000	29,000	29,000	145,000
Excise Tax - Library	100,000	0	10,000	10,000	10,000	10,000	10,000	50,000
Excise Tax - Non-Residential	550,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000
APFO Fees - Roads	300,000	300,000	0	0	0	0	0	0
Capital Reserve - General	1,612,303	490,303	1,122,000	0	0	0	0	0
Capital Reserve - Transfer Tax	1,500,000	1,500,000	0	0	0	0	0	0
Capital Reserve - Excise Tax - Schools	500,000	500,000	0	0	0	0	0	0
Residential	335,000	335,000	0	0	0	0	0	0
Federal Grant	77,093,857	22,187,857	19,415,000	7,664,000	1,682,000	6,659,000	5,725,000	13,761,000
State Grant	167,850,829	12,562,829	16,954,000	10,651,000	11,777,000	26,701,000	21,993,000	67,212,000
Contributions	25,627,182	207,182	4,096,000	309,000	1,599,000	6,422,000	5,606,000	7,388,000
<b>TOTAL</b>	<b>603,075,441</b>	<b>118,668,441</b>	<b>65,402,000</b>	<b>41,480,000</b>	<b>41,151,000</b>	<b>62,957,000</b>	<b>55,704,000</b>	<b>217,713,000</b>

## Project Detail of Major Projects – Fiscal Years 2023-2032

Project Name	Project Description	Ten Year Project Budget
Capital Maintenance - BOE	Projects vary depending on the conditions, safety, security, and utility requirements. The Comprehensive Maintenance Plan outlines specific projects over the next five years. Projects which qualify for State funding of 79% of construction costs are included here. Projects are targeted to reduce deferred maintenance.	\$147,020,000
Pavement Maintenance and Rehab Program	This project includes the modification of county-wide pavement maintenance program targeting rehabilitation of county highway pavement, as required. Techniques may include but not be limited to road reclamation, bituminous concrete overlay, crack sealing, and surface treatment. Individual projects will be determined on an annual basis consistent with the County's overall Pavement Management Program.	50,200,000
Replacement Elementary School	Replaces one or more current elementary schools.	36,320,000
Smithsburg WWTP ENR Upgrade	The project will upgrade the facility to address Maryland Department of the Environment (MDE) strategy for Enhanced Nutrient Removal (ENR) and expand capacity to address growth needs of the area.	18,500,000
ARCC Renovation	The project will update the Athletic Recreation and Community Center (ARCC) and athletic fields. The renovation in the arena will consist of new bleachers, flooring, painting. Other areas of the ARCC will be updating the lobby, locker rooms, restrooms, offices, and classrooms. Ballfields will get makeover and the softball field will be relocated. The track will be resurfaced and updated along with the interior where soccer and track meets are held. The outdoor restrooms and storage along with the press box will be updated and modernized.	12,210,000
Highway - Vehicle & Equipment Replacement Program	This project will replace vehicles and heavy/specialized equipment for maintenance and construction activity.	11,532,000
Law Enforcement - Vehicle & Equipment Replacement Program	This project is for the replacement of public safety fleet inventory.	10,574,000
Stormwater Retrofits	This project includes the construction of SWM systems based on Best Management Practices such as bio-swales, bio-filters, permeable pavements, ponds, wetlands, etc. along roadways, in parks, and on other county properties to satisfy the National Pollutant Discharge Elimination Systems (NPDES) requirements established by the MDE.	10,150,000

## Capital Improvement Ten Year Detail

### Fiscal Year 2023- 2032

	Budget Year			Ten Year Capital Program				
	Total	Prior Appr.	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future
<b>Project Costs</b>								
<b><u>Airport</u></b>								
T-Hangar 1, 2, & 3 Replacement	502,000	145,000	28,000	34,000	35,000	35,000	36,000	189,000
Airport Roof Replacement Project	349,627	54,627	45,000	35,000	55,000	25,000	15,000	120,000
Capital Equipment - Airport	3,280,640	819,640	250,000	375,000	363,000	650,000	210,000	613,000
Land Acquisition-Airport	5,820,000	5,430,000	0	390,000	0	0	0	0
Taxiway F Rehabilitation	6,300,000	300,000	0	6,000,000	0	0	0	0
Airport Infrastructure Grant	5,500,000	0	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	0
Proposed Taxiway S	1,180,000	0	0	0	0	0	118,000	1,062,000
Runway 9 MALSR	1,580,000	0	0	0	0	0	0	1,580,000
Runway 2/20 Rehabilitation	3,872,000	0	0	0	372,000	0	3,500,000	0
Runway 9/27 Lighting and Signage Replacement	829,000	0	0	0	79,000	750,000	0	0
Snow Removal Equipment Storage Building Expansion	3,514,000	0	0	0	0	0	0	3,514,000
Taxiway A Rehabilitation	3,875,000	0	0	375,000	0	3,500,000	0	0
Taxiway G Rehabilitation	1,920,000	0	0	0	0	0	0	1,920,000
Taxiway H Rehabilitation	300,000	0	0	0	0	0	0	300,000
Taxiway T Construction	159,000	0	0	0	0	0	0	159,000
<b>Airport Total</b>	<b>38,981,267</b>	<b>6,749,267</b>	<b>1,423,000</b>	<b>8,309,000</b>	<b>2,004,000</b>	<b>6,060,000</b>	<b>4,979,000</b>	<b>9,457,000</b>
<b><u>Bridges</u></b>								
Bridge Inspection and Inventory	503,533	146,533	0	138,000	0	24,000	0	195,000
Crystal Falls Drive W3051	2,498,500	1,698,500	800,000	0	0	0	0	0
Keedysville Road Bridge W5651	2,564,600	1,764,600	800,000	0	0	0	0	0
Mousetown Road Culvert 06/02	526,300	376,300	150,000	0	0	0	0	0
Cleaning & Painting of Steel Bridges	358,000	108,000	0	100,000	0	0	0	150,000
Halfway Boulevard Bridges W0912	4,489,000	2,889,000	1,600,000	0	0	0	0	0
Country Store Lane Culvert 16/06	335,000	0	35,000	300,000	0	0	0	0
Gardenhour Road Bridge W2431	1,945,000	0	500,000	25,000	0	1,420,000	0	0
Greenspring Furnace Road Culvert 15/15	406,000	0	40,000	179,000	187,000	0	0	0
Kretsinger Road Culvert 14/01	316,000	0	137,000	179,000	0	0	0	0
Appletown Road Bridge W2184	474,000	0	0	0	0	0	0	474,000
Ashton Road Culvert 04/06	399,000	0	0	0	0	0	0	399,000
Bowie Road Culvert	305,000	0	0	0	0	0	0	305,000
Burnside Bridge Road Culvert 01/03	329,000	0	0	0	114,000	215,000	0	0
Draper Road Culvert 04/07	428,000	0	0	0	0	0	0	428,000
Draper Road Culvert 04/08	379,000	0	0	0	0	0	0	379,000
Greenbrier Road Culvert 16/14	268,000	0	0	0	0	0	0	268,000
Gruber Road Bridge 04/10	288,000	0	0	0	0	0	0	288,000
Harpers Ferry Road Culvert 11/02	541,000	0	0	0	0	82,000	459,000	0
Henline Road Culvert 05/05	465,000	0	0	0	0	0	32,000	433,000
Hoffman's Inn Road Culvert 05/06	313,000	0	0	0	0	0	0	313,000
Lanes Road Culvert 15/12	317,000	0	0	32,000	285,000	0	0	0
Long Hollow Road Culvert 05/07	316,000	0	0	0	0	66,000	250,000	0
Mercersburg Road Culvert 04/16	384,000	0	0	0	0	0	0	384,000
Mooreville Road Culvert 15/21	355,000	0	0	0	0	0	0	355,000
Poplar Grove Road Bridge W2432	1,581,000	0	0	0	0	0	0	1,581,000
Rensburg Road Culvert	287,000	0	0	0	119,000	168,000	0	0
Rinehart Road Culvert 14/03	332,000	0	0	332,000	0	0	0	0
Stone Masonry Bridge Repairs	270,000	0	0	0	0	0	0	270,000
Taylors Landing Road Bridge W7101	545,000	0	0	0	0	0	0	545,000
Willow Road Culvert 05/10	323,000	0	0	0	0	0	0	323,000
Yarrowsburg Road Bridge W6191	2,102,000	0	0	0	0	0	0	2,102,000
<b>Bridges Total</b>	<b>24,942,933</b>	<b>6,982,933</b>	<b>4,062,000</b>	<b>1,285,000</b>	<b>705,000</b>	<b>1,975,000</b>	<b>741,000</b>	<b>9,192,000</b>

	Budget Year		Ten Year Capital Program					
	Total	Prior Appr.	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future
<b>Project Costs</b>								
<b>Drainage</b>								
Stream Restoration at Various Locations	1,906,782	1,056,782	0	250,000	0	0	250,000	350,000
Stormwater Retrofits	14,703,027	4,553,027	1,900,000	1,000,000	900,000	900,000	900,000	4,550,000
Drainage Improvements at Various Locations	775,000	225,000	75,000	50,000	50,000	50,000	50,000	275,000
Broadfording Church Road Culvert	231,000	0	0	57,000	174,000	0	0	0
Draper Road Drainage Improvements	509,000	0	0	0	0	0	259,000	250,000
Harpers Ferry Road Drainage, 3600 Block	376,000	0	0	75,000	301,000	0	0	0
Shank Road Drainage	153,000	0	0	0	153,000	0	0	0
Trego Mountain Road Drainage	315,000	0	0	0	0	0	0	315,000
University Road Culvert	203,000	0	0	0	0	203,000	0	0
<b>Drainage Total</b>	<b>19,171,809</b>	<b>5,834,809</b>	<b>1,975,000</b>	<b>1,432,000</b>	<b>1,578,000</b>	<b>1,153,000</b>	<b>1,459,000</b>	<b>5,740,000</b>
<b>Education</b>								
<b>Board of Education</b>								
Capital Maintenance - BOE	162,673,224	15,653,224	14,036,000	13,776,000	13,916,000	15,008,000	13,888,000	76,396,000
Replacement Elementary School	36,320,000	0	0	0	1,500,000	16,000,000	16,020,000	2,800,000
<b>Board of Education Total</b>	<b>198,993,224</b>	<b>15,653,224</b>	<b>14,036,000</b>	<b>13,776,000</b>	<b>15,416,000</b>	<b>31,008,000</b>	<b>29,908,000</b>	<b>79,196,000</b>
<b>Hagerstown Community College</b>								
Second Entrance Drive Widening Project	6,979,000	0	5,939,000	1,040,000	0	0	0	0
ARCC Renovation	12,210,000	0	0	0	0	0	0	12,210,000
ATC Renovation	7,114,000	0	0	0	894,000	5,015,000	600,000	605,000
Campus Road & Parking Lot Overlays	1,000,000	0	0	0	0	0	0	1,000,000
Multi-Roof Project	1,500,000	0	500,000	0	500,000	0	500,000	0
<b>Hagerstown Community College Total</b>	<b>28,803,000</b>	<b>0</b>	<b>6,439,000</b>	<b>1,040,000</b>	<b>1,394,000</b>	<b>5,015,000</b>	<b>1,100,000</b>	<b>13,815,000</b>
<b>Public Libraries</b>								
Systemic Projects - Library	166,492	66,492	10,000	10,000	10,000	10,000	10,000	50,000
Williamsport Library Replacement	50,000	0	50,000	0	0	0	0	0
<b>Public Libraries Total</b>	<b>216,492</b>	<b>66,492</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>
<b>Education Total</b>	<b>228,012,716</b>	<b>15,719,716</b>	<b>20,535,000</b>	<b>14,826,000</b>	<b>16,820,000</b>	<b>36,033,000</b>	<b>31,018,000</b>	<b>93,061,000</b>
<b>General Government</b>								
Cost of Bond Issuance	853,615	53,615	80,000	80,000	80,000	80,000	80,000	400,000
Systemic Improvements - Building	6,097,822	1,183,822	500,000	425,000	750,000	750,000	750,000	1,739,000
Facilities Roof Repairs	2,175,000	1,450,000	50,000	100,000	50,000	50,000	100,000	375,000
Equipment and Vehicle Wash Facility	325,000	0	75,000	250,000	0	0	0	0
Information Systems Replacement Program	1,186,318	186,318	100,000	100,000	100,000	100,000	100,000	500,000
Financial System Management & Upgrades	260,029	94,029	31,000	15,000	15,000	15,000	15,000	75,000
County Wireless Infrastructure	69,122	12,122	17,000	20,000	20,000	0	0	0
General - Equipment and Vehicle Replacement Program	1,866,765	766,765	200,000	100,000	100,000	100,000	100,000	500,000
Courthouse Courtroom 1 Renovation	1,150,000	0	0	0	0	0	0	1,150,000
<b>General Government Total</b>	<b>13,983,671</b>	<b>3,746,671</b>	<b>1,053,000</b>	<b>1,090,000</b>	<b>1,115,000</b>	<b>1,095,000</b>	<b>1,145,000</b>	<b>4,739,000</b>
<b>Parks and Recreation</b>								
Black Rock Capital Equipment Program	359,618	29,618	25,000	25,000	100,000	25,000	25,000	130,000
Agriculture Education Center Indoor Multipurpose Building	4,750,000	0	4,050,000	450,000	250,000	0	0	0
Hardcourt Playing Surfaces	342,890	105,890	126,000	0	15,000	15,000	6,000	75,000
Ag Center Land Development	198,000	98,000	100,000	0	0	0	0	0
Park Land Acquisition - REC033	593,800	193,800	400,000	0	0	0	0	0
Park Equipment/Surfacing	1,969,674	934,674	160,000	0	175,000	0	0	700,000
Replacement, Various Locations								
Parking Lot Repair/Overlay, Various Locations	475,896	75,896	0	0	50,000	50,000	50,000	250,000

	Budget Year				Ten Year Capital Program			
	Total	Prior Appr.	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future
<b>Project Costs</b>								
Antietam Creek Water Trail	362,000	192,000	50,000	50,000	15,000	55,000	0	0
County Parks - Bathroom/Drinking Fountain Upgrades	435,000	185,000	50,000	0	50,000	0	50,000	100,000
MLK Gymnasium Upgrade	1,700,000	200,000	1,500,000	0	0	0	0	0
Roof Replacements Various Locations	362,500	187,500	25,000	0	25,000	0	0	125,000
Field Improvements at Marty Snook and Regional Parks	125,000	0	125,000	0	0	0	0	0
Ag Center Show Area Floor	50,000	0	0	50,000	0	0	0	0
Black Rock Bunker Rehabilitation	250,000	0	0	0	0	250,000	0	0
Conococheague Creek Water Trail	310,000	0	0	0	0	10,000	180,000	120,000
Doubs Woods Disc Golf	50,000	0	0	0	0	0	0	50,000
Kemps Mill Park Trails	100,000	0	0	100,000	0	0	0	0
Marty Snook Park Fitness Trail	300,000	0	0	0	0	300,000	0	0
Marty Snook Park Pool Accessible Entrance	150,000	0	0	0	0	150,000	0	0
Mt. Briar Wetland Preserve Trails and Conservation Area	100,000	0	0	100,000	0	0	0	0
North Central County Park	2,000,000	0	0	0	100,000	100,000	300,000	1,500,000
Park Entrances and Security Upgrades	200,000	0	0	0	0	100,000	100,000	0
Pen Mar-Fort Ritchie-Cascade Trail Connection	290,000	0	0	50,000	120,000	0	0	120,000
Recreational Field Bleachers	100,000	0	0	100,000	0	0	0	0
Regional Park Dog Park	75,000	0	0	75,000	0	0	0	0
<b>Parks and Recreation Total</b>	<b>15,649,378</b>	<b>2,202,378</b>	<b>6,611,000</b>	<b>1,000,000</b>	<b>900,000</b>	<b>1,055,000</b>	<b>711,000</b>	<b>3,170,000</b>
<b>Public Safety</b>								
Detention Center - Systemic Projects	3,654,361	264,361	670,000	190,000	350,000	350,000	450,000	1,380,000
Burn Building - PSTC Training Center	1,500,000	500,000	1,000,000	0	0	0	0	0
Patrol Services Relocation Renovation	4,500,000	0	500,000	2,000,000	2,000,000	0	0	0
Communication Tower(s) Various	576,806	266,806	0	90,000	0	110,000	0	110,000
P25 UHF Public Safety Radio	10,200,000	8,200,000	875,000	1,125,000	0	0	0	0
Communications System Upgrade								
Portable Radio Replacement Program - Sheriff	1,410,062	218,062	112,000	114,000	116,000	118,000	120,000	612,000
Portable Radio Replacement Program - Emergency Services	4,235,000	2,139,000	296,000	200,000	200,000	200,000	200,000	1,000,000
Law Enforcement - Vehicle & Equipment Replacement Program	11,643,027	1,069,027	872,000	955,000	984,000	1,014,000	1,044,000	5,705,000
Emergency Services Equipment & Vehicle Program	9,056,590	5,406,590	1,900,000	150,000	200,000	200,000	200,000	1,000,000
Canteen/Rehab Unit Replacement	450,000	45,000	45,000	45,000	45,000	45,000	45,000	180,000
Incident Safety Officer Vehicle Replacement Program	160,000	0	16,000	16,000	16,000	16,000	16,000	80,000
Police Indoor Firing Range	3,500,000	0	0	0	0	500,000	500,000	2,500,000
PSTC Apparatus Operator / Defensive Driving Track	250,000	0	0	0	0	0	0	250,000
PSTC Tactical Village / Simulation Training Area	4,900,000	0	0	0	0	0	0	4,900,000
911 Center Building Expansion	1,800,000	0	0	0	528,000	1,272,000	0	0
<b>Public Safety Total</b>	<b>57,835,846</b>	<b>18,108,846</b>	<b>6,286,000</b>	<b>4,885,000</b>	<b>4,439,000</b>	<b>3,825,000</b>	<b>2,575,000</b>	<b>17,717,000</b>
<b>Railroad Crossings</b>								
Railroad Crossing Improvements	1,686,450	936,450	0	0	0	0	200,000	550,000
<b>Railroad Crossings Total</b>	<b>1,686,450</b>	<b>936,450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>550,000</b>

	Budget Year			Ten Year Capital Program				
	Total	Prior Appr.	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future
<b>Project Costs</b>								
<b><u>Road Improvement</u></b>								
Intersection & Signal Improvements	854,384	328,384	200,000	0	250,000	0	0	76,000
Transportation ADA	862,829	327,829	50,000	50,000	50,000	50,000	50,000	285,000
Pavement Maintenance and Rehab Program	60,921,474	10,721,474	4,250,000	4,450,000	4,500,000	5,000,000	5,000,000	27,000,000
Longmeadow Road	2,105,000	0	0	0	0	310,000	432,000	1,363,000
Eastern Boulevard Extended	7,603,000	0	0	0	0	359,000	1,970,000	5,274,000
Eastern Boulevard Widening Phase II	5,772,300	2,691,300	0	385,000	1,274,000	1,422,000	0	0
Professional Boulevard Extended Phase II	7,859,200	4,859,200	3,000,000	0	0	0	0	0
Professional Boulevard Extended Phase III	1,853,000	1,135,000	718,000	0	0	0	0	0
Valley Mall Area Road Improvements Phase II	586,000	0	0	0	361,000	225,000	0	0
Showalter Road Extended East	1,010,000	510,000	0	0	0	0	0	500,000
Halfway Boulevard Extended	6,854,000	5,473,000	1,000,000	381,000	0	0	0	0
Wright Road	3,000,000	1,273,000	1,400,000	200,000	127,000	0	0	0
Robinwood Drive Sidewalk Extension	750,000	0	0	0	0	0	250,000	500,000
Burnside Bridge Road Spot Improvements	544,000	0	0	0	0	0	544,000	0
E. Oak Ridge Drive/South Pointe Signal	461,000	0	0	0	0	350,000	111,000	0
Marsh Pike from MD60 to Longmeadow	1,497,000	0	0	0	0	0	0	1,497,000
Mt Aetna Road Spot Improvements	2,422,000	0	0	0	0	0	0	2,422,000
Rockdale Road and Independence Road Spot Improvements	1,025,000	0	0	0	0	0	0	1,025,000
Sandstone Drive Spot Improvements	500,000	0	0	0	0	0	0	500,000
Highway - Vehicle & Equipment Replacement Program	13,302,187	1,770,187	907,000	1,125,000	1,150,000	1,150,000	1,200,000	6,000,000
Highway Maintenance Shop - Western Section	374,000	0	374,000	0	0	0	0	0
Highway Western Section - Fuel Tank Replacement	847,000	666,000	181,000	0	0	0	0	0
<b>Road Improvement Total</b>	<b>121,003,374</b>	<b>29,755,374</b>	<b>12,080,000</b>	<b>6,591,000</b>	<b>7,712,000</b>	<b>8,866,000</b>	<b>9,557,000</b>	<b>46,442,000</b>
<b><u>Solid Waste</u></b>								
Contingency - Solid Waste	587,000	83,000	30,000	30,000	35,000	35,000	60,000	314,000
40 West Storage Building Replacement	350,000	0	350,000	0	0	0	0	0
40 West Fuel System Upgrades	75,000	0	75,000	0	0	0	0	0
SW Equipment & Vehicle Replacement	520,417	169,417	33,000	34,000	34,000	35,000	35,000	180,000
40 West Landfill - Cell 5 Construction	4,083,000	0	0	440,000	3,472,000	171,000	0	0
Mechanics Crane Truck Replacement	150,000	0	0	150,000	0	0	0	0
<b>Solid Waste Total</b>	<b>5,765,417</b>	<b>252,417</b>	<b>488,000</b>	<b>654,000</b>	<b>3,541,000</b>	<b>241,000</b>	<b>95,000</b>	<b>494,000</b>
<b><u>Transit</u></b>								
Vehicle Preventive Maintenance	3,120,307	495,307	0	0	0	375,000	375,000	1,875,000
Fixed Route Bus Replacement Program	4,823,644	3,923,644	0	0	0	0	900,000	0
ADA Bus Replacement	509,508	89,508	0	0	0	105,000	0	315,000
Transportation Development Plan	100,000	0	0	0	0	0	100,000	0
<b>Transit Total</b>	<b>8,553,459</b>	<b>4,508,459</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>480,000</b>	<b>1,375,000</b>	<b>2,190,000</b>



	Budget Year			Ten Year Capital Program				
	Total	Prior Appr.	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future
<b>Project Costs</b>								
<b><u>Water Quality</u></b>								
<b><u>Utility Administration</u></b>								
Contingency - Utility Admin	139,177	44,177	0	0	0	0	0	95,000
General Building Improvements	964,000	30,000	40,000	300,000	594,000	0	0	0
Lab Equipment Replacement	404,117	160,117	25,000	23,000	23,000	24,000	24,000	125,000
WQ Equip/Vehicle Replacement Program	1,223,580	333,580	80,000	80,000	85,000	85,000	90,000	470,000
<b>Utility Administration Total</b>	<b>2,730,874</b>	<b>567,874</b>	<b>145,000</b>	<b>403,000</b>	<b>702,000</b>	<b>109,000</b>	<b>114,000</b>	<b>690,000</b>
<b><u>Wastewater Utility</u></b>								
Contingency - Sewer	176,939	26,939	0	0	0	0	0	150,000
Replace Grinder Pumps	1,238,710	143,710	125,000	125,000	125,000	125,000	125,000	470,000
Pump Station Upgrades - Various Stations	5,443,447	1,955,447	153,000	0	200,000	885,000	0	2,250,000
Collection System Rehabilitation Project	3,228,398	158,398	0	0	670,000	0	900,000	1,500,000
Capacity Management Project	16,202,160	11,202,160	5,000,000	0	0	0	0	0
Sandy Hook Collection System Upgrades	175,000	100,000	25,000	25,000	25,000	0	0	0
Smithsburg WWTP ENR Upgrade	26,875,557	8,375,557	3,000,000	0	0	0	0	15,500,000
General WwTP Improvements	1,350,000	0	250,000	250,000	300,000	250,000	300,000	0
Heavy Sewer EQP and VEH Replacement	1,270,354	281,354	94,000	200,000	200,000	200,000	105,000	190,000
Potomac Edison Pump Station & Force Main	1,700,000	0	0	0	0	0	0	1,700,000
<b>Wastewater Utility Total</b>	<b>57,660,565</b>	<b>22,243,565</b>	<b>8,647,000</b>	<b>600,000</b>	<b>1,520,000</b>	<b>1,460,000</b>	<b>1,430,000</b>	<b>21,760,000</b>
<b><u>Water Utility</u></b>								
Sharpsburg Water Meter Cradle Replacement	1,000,000	625,000	375,000	0	0	0	0	0
Water Meter Replacement	290,339	140,339	15,000	15,000	15,000	15,000	15,000	75,000
Mt Aetna Water System Improvements	729,000	130,000	599,000	0	0	0	0	0
Sharpsburg Well	330,000	30,000	300,000	0	0	0	0	0
WQ Main Replacement	2,366,000	0	566,000	100,000	100,000	0	0	1,600,000
Sharpsburg Water Treatment Plant	655,343	65,343	0	0	0	590,000	0	0
General WTP Improvements	1,391,000	69,000	242,000	290,000	0	0	290,000	500,000
Highfield/Sharpsburg Water Storage Tank	336,000	0	0	0	0	0	0	336,000
<b>Water Utility Total</b>	<b>7,097,682</b>	<b>1,059,682</b>	<b>2,097,000</b>	<b>405,000</b>	<b>115,000</b>	<b>605,000</b>	<b>305,000</b>	<b>2,511,000</b>
<b>Water Quality Total</b>	<b>67,489,121</b>	<b>23,871,121</b>	<b>10,889,000</b>	<b>1,408,000</b>	<b>2,337,000</b>	<b>2,174,000</b>	<b>1,849,000</b>	<b>24,961,000</b>
<b>TOTAL</b>	<b>603,075,441</b>	<b>118,668,441</b>	<b>65,402,000</b>	<b>41,480,000</b>	<b>41,151,000</b>	<b>62,957,000</b>	<b>55,704,000</b>	<b>217,713,000</b>

	Budget Year				Ten Year Capital Program			
	Total	Prior Appr.	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Future
Funding Sources								
General Fund	89,592,998	32,964,998	4,928,000	5,300,000	5,300,000	5,550,000	5,550,000	30,000,000
Highway Fund	5,876,000	876,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Cascade Fund	13,000	13,000	0	0	0	0	0	0
Solid Waste Fund	1,298,417	218,417	138,000	214,000	69,000	70,000	95,000	494,000
Utility Admin Fund	1,763,900	534,900	105,000	103,000	108,000	109,000	114,000	690,000
Water Fund	431,339	281,339	15,000	15,000	15,000	15,000	15,000	75,000
Sewer Fund	4,630,540	2,321,540	244,000	350,000	350,000	325,000	230,000	810,000
Airport Fund	1,738,892	401,892	185,000	419,000	140,000	110,000	101,000	382,000
Tax-Supported Bond	139,115,424	19,115,424	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000	60,000,000
Self-Supported Bond	50,081,198	16,143,198	3,100,000	1,355,000	5,011,000	1,896,000	1,175,000	21,401,000
State Loan	3,972,170	3,972,170	0	0	0	0	0	0
Transfer Tax	23,008,072	3,008,072	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Excise Tax - Schools	4,235,000	385,000	385,000	385,000	385,000	385,000	385,000	1,925,000
Excise Tax - Roads	1,530,320	270,320	126,000	126,000	126,000	126,000	126,000	630,000
Excise Tax - Other	319,000	29,000	29,000	29,000	29,000	29,000	29,000	145,000
Excise Tax - Library	100,000	0	10,000	10,000	10,000	10,000	10,000	50,000
Excise Tax - Non-Residential	550,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000
APFO Fees - Roads	300,000	300,000	0	0	0	0	0	0
Capital Reserve - General	1,612,303	490,303	1,122,000	0	0	0	0	0
Capital Reserve - Transfer Tax	1,500,000	1,500,000	0	0	0	0	0	0
Capital Reserve - Excise Tax - Schools	500,000	500,000	0	0	0	0	0	0
Capital Reserve - Excise Tax - Non-Residential	335,000	335,000	0	0	0	0	0	0
Federal Grant	77,093,857	22,187,857	19,415,000	7,664,000	1,682,000	6,659,000	5,725,000	13,761,000
State Grant	167,850,829	12,562,829	16,954,000	10,651,000	11,777,000	26,701,000	21,993,000	67,212,000
Contributions	25,627,182	207,182	4,096,000	309,000	1,599,000	6,422,000	5,606,000	7,388,000
TOTAL	603,075,441	118,668,441	65,402,000	41,480,000	41,151,000	62,957,000	55,704,000	217,713,000



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## Airport Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

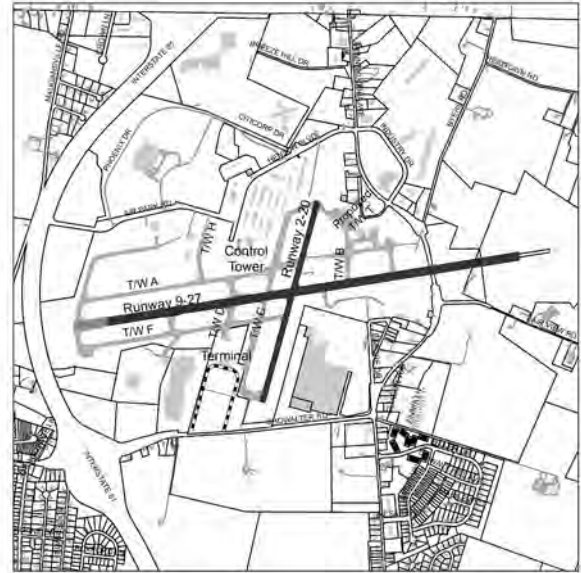
		Budget Year		Ten Year Capital Program				
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Page</b>	<b>Project Costs</b>							
46	T-Hangar 1, 2, & 3 Replacement	502,000	145,000	28,000	34,000	35,000	35,000	189,000
47	Airport Roof Replacement Project	349,627	54,627	45,000	35,000	55,000	25,000	120,000
48	Capital Equipment - Airport	3,280,640	819,640	250,000	375,000	363,000	650,000	613,000
49	Land Acquisition-Airport	5,820,000	5,430,000	0	390,000	0	0	0
50	Taxiway F Rehabilitation	6,300,000	300,000	0	6,000,000	0	0	0
51	Airport Infrastructure Grant	5,500,000	0	1,100,000	1,100,000	1,100,000	1,100,000	0
52	Proposed Taxiway S	1,180,000	0	0	0	0	118,000	1,062,000
53	Runway 9 MALSR	1,580,000	0	0	0	0	0	1,580,000
54	Runway 2/20 Rehabilitation	3,872,000	0	0	0	372,000	0	3,500,000
55	Runway 9/27 Lighting and Signage Replacement	829,000	0	0	0	79,000	750,000	0
56	Snow Removal Equipment Storage Building Expansion	3,514,000	0	0	0	0	0	3,514,000
57	Taxiway A Rehabilitation	3,875,000	0	0	375,000	0	3,500,000	0
58	Taxiway G Rehabilitation	1,920,000	0	0	0	0	0	1,920,000
59	Taxiway H Rehabilitation	300,000	0	0	0	0	0	300,000
60	Taxiway T Construction	159,000	0	0	0	0	0	159,000
<b>TOTAL</b>	<b>38,981,267</b>	<b>6,749,267</b>	<b>1,423,000</b>	<b>8,309,000</b>	<b>2,004,000</b>	<b>6,060,000</b>	<b>4,979,000</b>	<b>9,457,000</b>
<b>Funding Sources</b>								
	General Fund	1,607,016	356,016	0	80,000	136,000	374,000	197,000
	Airport Fund	1,738,892	401,892	185,000	419,000	140,000	110,000	101,000
	Federal Grant	32,931,993	5,671,993	1,000,000	7,404,000	1,406,000	4,825,000	4,445,000
	State Grant	2,703,366	319,366	238,000	406,000	322,000	751,000	236,000
<b>TOTAL</b>	<b>38,981,267</b>	<b>6,749,267</b>	<b>1,423,000</b>	<b>8,309,000</b>	<b>2,004,000</b>	<b>6,060,000</b>	<b>4,979,000</b>	<b>9,457,000</b>

**Project Title** T-Hangar 1, 2 and 3 Replacement

**Project ID** BLD087

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project includes the demolition of existing T-hangars and the construction of new replacement T-hangars 1, 2 and 3. The total building size is 38,400 SF.

**Project Assumptions** The project assumes a pre-engineered metal building. It is not anticipated that Federal Aviation Administration funding will be available for this project. Local and airport funds will be contributed each year to build up funds until the total requirement is achieved.

**Project Justification** Existing buildings were built between 1963 and 1965 and have exceeded their useful life expectancy. Buildings have stone floors, and wood structural members. Doors are nonelectric manual open which is problematic and creates a continual maintenance problem.

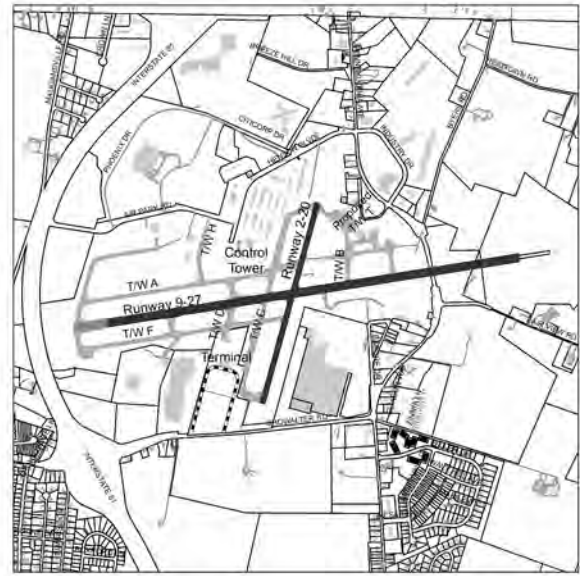
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	452,000	112,000	11,000	34,000	35,000	35,000	36,000	189,000
Engineering and Design	50,000	33,000	17,000	0	0	0	0	0
<b>Total Cost</b>	<b>502,000</b>	<b>145,000</b>	<b>28,000</b>	<b>34,000</b>	<b>35,000</b>	<b>35,000</b>	<b>36,000</b>	<b>189,000</b>
<b>Funding Sources:</b>								
Airport Fund	502,000	145,000	28,000	34,000	35,000	35,000	36,000	189,000
<b>Total Funding</b>	<b>502,000</b>	<b>145,000</b>	<b>28,000</b>	<b>34,000</b>	<b>35,000</b>	<b>35,000</b>	<b>36,000</b>	<b>189,000</b>

**Project Title** Airport Roof Replacement Project

**Project ID** BLD088

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Project will replace or refurbish various roof systems at the airport.

**Project Assumptions** FY2023- Roof Coating - Hangar #21 (Plane Care)

**Project Justification** An ongoing roof replacement/rehabilitation plan is necessary for all airport facilities. Airport will contribute funds on an annual basis to provide for this replacement plan.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	349,627	54,627	45,000	35,000	55,000	25,000	15,000	120,000
<b>Total Cost</b>	<b>349,627</b>	<b>54,627</b>	<b>45,000</b>	<b>35,000</b>	<b>55,000</b>	<b>25,000</b>	<b>15,000</b>	<b>120,000</b>
<b>Funding Sources:</b>								
Airport Fund	349,627	54,627	45,000	35,000	55,000	25,000	15,000	120,000
<b>Total Funding</b>	<b>349,627</b>	<b>54,627</b>	<b>45,000</b>	<b>35,000</b>	<b>55,000</b>	<b>25,000</b>	<b>15,000</b>	<b>120,000</b>

**Project Title**      **Capital Equipment - Airport****Project ID**      EQP031**Full-time Employees**      0**Operating Costs**      \$0

**Project Description**      The planned purchase for FY23: Replacement of Snow Removal Equipment (SRE). Purchasing 2 one-ton quad cab SRE trucks with V-Blade Snowplows. Replacement of self-contained breathing apparatus (SCBA) bottles for ARFF Operations. Purchasing 1 mower with broom and 1 mower with mowing deck. Future acquisitions are based on the Airport Equipment Replacement Program.

**Project Assumptions**      Pending grant funding approval:  
 90% FAA share  
 5% MAA share  
 5% Local share  
 Maryland Aviation Administration (MAA) Special Project grant funding:  
 75% MAA share  
 25% Local Share

**Project Justification**      The Airport maintains an inventory of specialized heavy equipment and vehicles, including lawn maintenance equipment. Each year, the equipment is identified if replacement is necessary based on age and life expectancy. The goal of the replacement program is to balance replacement costs versus maintenance costs. In line with objectives of a well-managed organization, the Airport strives to establish an equipment replacement program that will set the equipment replacement cycle in line with best practices, minimizing maintenance costs.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	3,280,640	819,640	250,000	375,000	363,000	650,000	210,000	613,000
<b>Total Cost</b>	<b>3,280,640</b>	<b>819,640</b>	<b>250,000</b>	<b>375,000</b>	<b>363,000</b>	<b>650,000</b>	<b>210,000</b>	<b>613,000</b>
<b>Funding Sources:</b>								
General Fund	354,016	55,016	0	24,000	91,000	162,000	10,000	12,000
Airport Fund	337,265	202,265	62,000	0	0	0	0	73,000
Federal Grant	1,517,993	514,993	0	315,000	0	0	189,000	499,000
State Grant	1,071,366	47,366	188,000	36,000	272,000	488,000	11,000	29,000
<b>Total Funding</b>	<b>3,280,640</b>	<b>819,640</b>	<b>250,000</b>	<b>375,000</b>	<b>363,000</b>	<b>650,000</b>	<b>210,000</b>	<b>613,000</b>



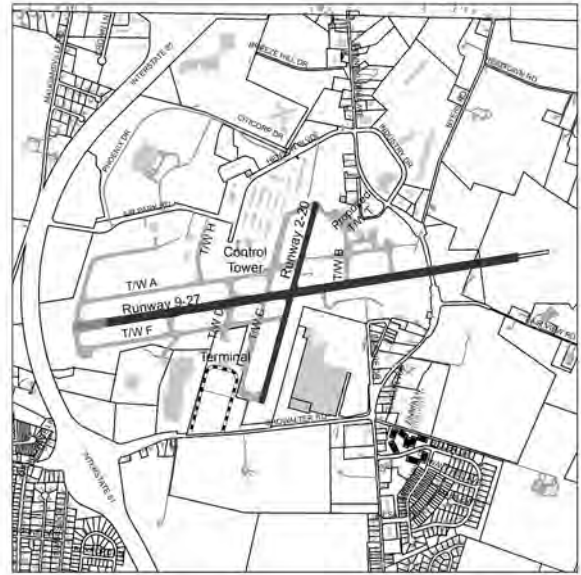


**Project Title** Taxiway F Rehabilitation

**Project ID** RUN019

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Project involves the full-length rehabilitation of Taxiway F including replacement of existing light fixture with LED technology.

**Project Assumptions** Pending grant funding approval:  
90% FAA share  
5% MAA share  
5% Local share

**Project Justification** The taxiway will be near the end of its useful life and will be ready for rehabilitation.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	6,000,000	0	0	6,000,000	0	0	0	0
Engineering and Design	300,000	300,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>6,300,000</b>	<b>300,000</b>	<b>0</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	30,000	30,000	0	0	0	0	0	0
Capital Reserve - Airport	300,000	0	0	300,000	0	0	0	0
Federal Grant	5,670,000	270,000	0	5,400,000	0	0	0	0
State Grant	300,000	0	0	300,000	0	0	0	0
<b>Total Funding</b>	<b>6,300,000</b>	<b>300,000</b>	<b>0</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Airport Infrastructure Grant**

**Project ID**                              RUN020

**Full-time Employees**              0

**Operating Costs**                    \$0

**Project Description**              The U.S. Department of Transportation is providing funding to help Maryland airports prepare for future growth and better serve passengers through infrastructure funding. In FY23, the funding will be used for mill and overlay of asphalt pavement areas, drainage improvements, and pavement markings. Proposed work areas include the main terminal apron, Taxiway P apron, pavement within the Taxiway C Safety area at the west apron, and T-hanger taxi lanes. Projects for funds in FY24-FY27 will be identified as the guidelines for eligibility are developed.

**Project Assumptions**              Pending grant funding award of \$1 million per year.  
90% FAA share  
5% MAA share  
5% Local share

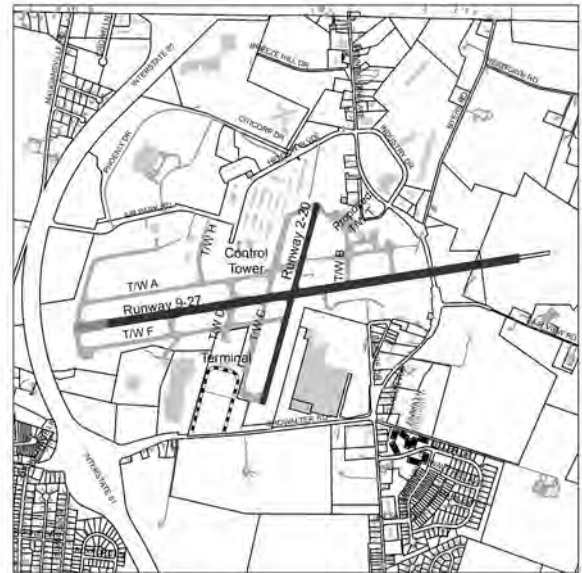
**Project Justification**              The funding is intended to help airports improve safety, operation of runways and taxiways, and expand capacity at airport terminals.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	5,500,000	0	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	0
<b>Total Cost</b>	<b>5,500,000</b>	<b>0</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>0</b>
<b>Funding Sources:</b>								
Airport Fund	250,000	0	50,000	50,000	50,000	50,000	50,000	0
Federal Grant	5,000,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0
State Grant	250,000	0	50,000	50,000	50,000	50,000	50,000	0
<b>Total Funding</b>	<b>5,500,000</b>	<b>0</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>0</b>

**Project Title**                      **Proposed Taxiway S**

**Full-time Employees**        0

**Operating Costs**                \$0



**Project Description**        The project consists of the design and construction of a new taxiway to connect Runway 27 run-up area to lands north of the Airport.

**Project Assumptions**       Pending grant funding approval:  
90% FAA share  
5% MAA share  
5% Local share

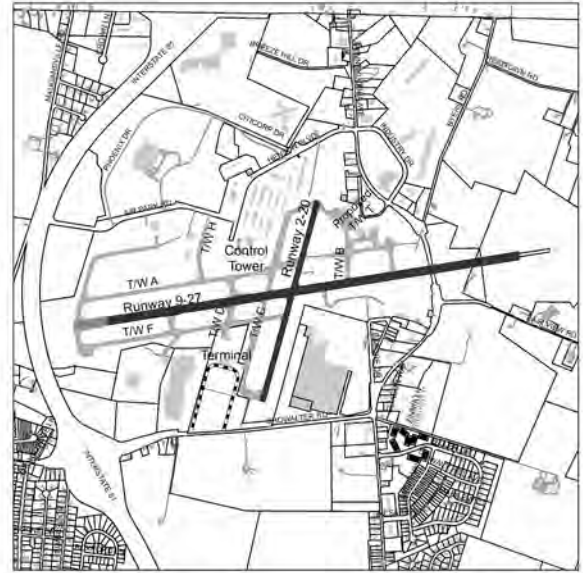
**Project Justification**        Land is identified for future development of the Airport. A connector taxiway is required to provide access to that land.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Engineering and Design	1,180,000	0	0	0	0	0	118,000	1,062,000
<b>Total Cost</b>	<b>1,180,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>118,000</b>	<b>1,062,000</b>
<b>Funding Sources:</b>								
General Fund	65,000	0	0	0	0	0	12,000	53,000
Federal Grant	1,062,000	0	0	0	0	0	106,000	956,000
State Grant	53,000	0	0	0	0	0	0	53,000
<b>Total Funding</b>	<b>1,180,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>118,000</b>	<b>1,062,000</b>

**Project Title** Runway 9 MALSR

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project will design, construct, and commission a medium-intensity approach lighting system with a runway alignment indicator (MALSR) for Runway 9.

**Project Assumptions** Pending grant funding approval:  
90% FAA share  
5% MAA share  
5% Local share

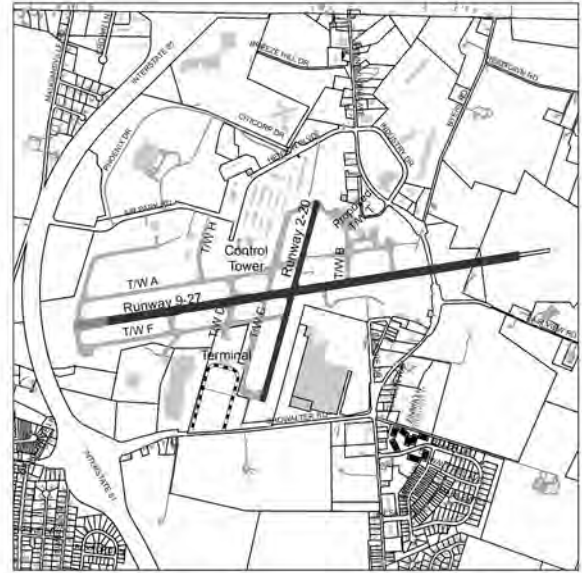
**Project Justification** The installation of a MALSR system for runway 9 provides for safety during flight (landing); lowers approach minimums and increases the potential to increase flights during inclement weather.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,336,000	0	0	0	0	0	0	1,336,000
Engineering and Design	244,000	0	0	0	0	0	0	244,000
<b>Total Cost</b>	<b>1,580,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,580,000</b>
<b>Funding Sources:</b>								
General Fund	79,000	0	0	0	0	0	0	79,000
Federal Grant	1,422,000	0	0	0	0	0	0	1,422,000
State Grant	79,000	0	0	0	0	0	0	79,000
<b>Total Funding</b>	<b>1,580,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,580,000</b>

**Project Title** Runway 2/20 Rehabilitation

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project consists of the rehabilitation of runway 2/20, totaling 3,200 feet.

**Project Assumptions** Pending grant funding:  
90% FAA share  
5% State share  
5% Local share

It is anticipated to utilize a combination of entitlement funds and discretionary funds. MAA will only cover construction costs, not design costs. Local match will be 10% for design

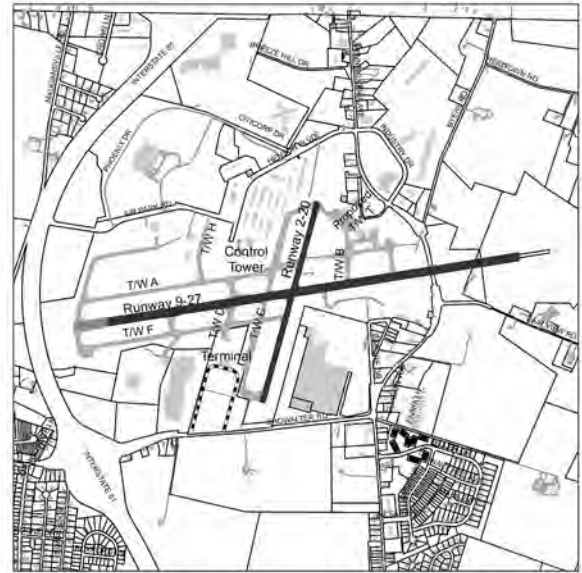
**Project Justification** The existing runway needs sub-surface repairs, milling, overlay, painting and new energy efficient lighting.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	3,500,000	0	0	0	0	0	3,500,000	0
Engineering and Design	372,000	0	0	0	372,000	0	0	0
<b>Total Cost</b>	<b>3,872,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>372,000</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	212,000	0	0	0	37,000	0	175,000	0
Federal Grant	3,485,000	0	0	0	335,000	0	3,150,000	0
State Grant	175,000	0	0	0	0	0	175,000	0
<b>Total Funding</b>	<b>3,872,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>372,000</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>

**Project Title** Runway 9/27 Lighting and Signage Replacement

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project will replace current lighting with energy efficient lighting.

**Project Assumptions** Pending grant funding:  
90% FAA share  
5% State share  
5% Local share

It is anticipated to utilize a combination of entitlement and discretionary funds. The MAA (State) will only fund construction costs, not design costs.

**Project Justification** Current signage and lighting are past useful life and parts are becoming more difficult to find.

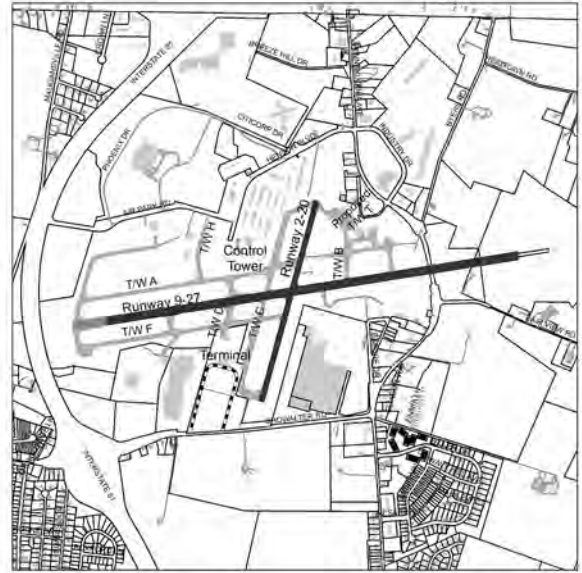
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	750,000	0	0	0	0	750,000	0	0
Engineering and Design	79,000	0	0	0	79,000	0	0	0
<b>Total Cost</b>	<b>829,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>79,000</b>	<b>750,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	45,000	0	0	0	8,000	37,000	0	0
Federal Grant	746,000	0	0	0	71,000	675,000	0	0
State Grant	38,000	0	0	0	0	38,000	0	0
<b>Total Funding</b>	<b>829,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>79,000</b>	<b>750,000</b>	<b>0</b>	<b>0</b>



**Project Title**                      **Snow Removal Equipment  
Storage Building Expansion**

**Full-time Employees**        0

**Operating Costs**                \$1,500



**Project Description**        A 60' x 110' expansion is planned for the existing vehicle storage facility.

**Project Assumptions**       Pending grant funding approval:  
90% FAA share  
5% MAA share  
5% Local share

**Project Justification**        The existing facility is filled to capacity. Future FAA approved Snow Removal Equipment plans allow for the addition of snow removal vehicles. The addition to the facility is required to accommodate the additional vehicles.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	3,214,000	0	0	0	0	0	0	3,214,000
Engineering and Design	300,000	0	0	0	0	0	0	300,000
<b>Total Cost</b>	<b>3,514,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,514,000</b>
<b>Funding Sources:</b>								
General Fund	191,000	0	0	0	0	0	0	191,000
Federal Grant	3,162,000	0	0	0	0	0	0	3,162,000
State Grant	161,000	0	0	0	0	0	0	161,000
<b>Total Funding</b>	<b>3,514,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,514,000</b>

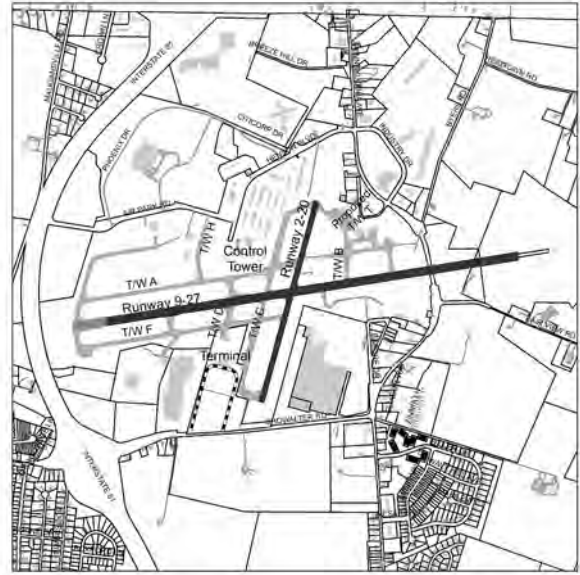


**Project Title** Taxiway A Rehabilitation

**Project ID**

**Full-time Employees** 0

**Operating Costs** \$175,000

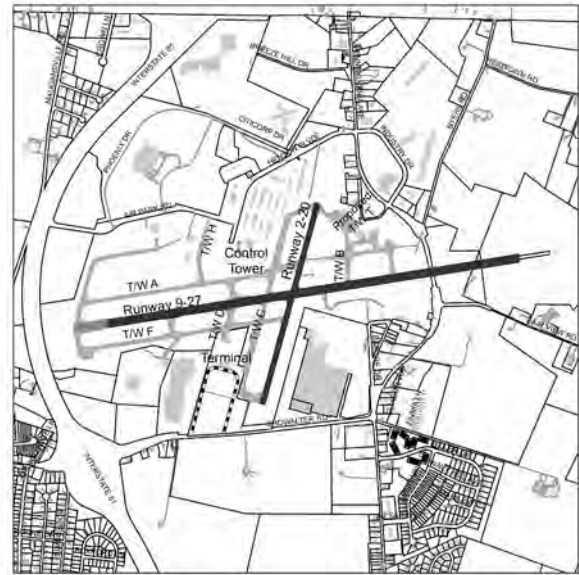


**Project Description** Project involves the full-length rehabilitation of Taxiway A including the existing light fixture with LED technology.

**Project Assumptions** Pending grant funding approval: 90% FAA share, 5% MAA share 5% Local share

**Project Justification** The last rehabilitation of the taxiway was completed in 2001. This will make the existing surface over 20 years old and it will have met the end of its useful life and will be ready for rehabilitation.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Hardware/Software	3,500,000	0	0	0	0	3,500,000	0	0
Engineering and Design	375,000	0	0	375,000	0	0	0	0
<b>Total Cost</b>	<b>3,875,000</b>	<b>0</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	212,000	0	0	37,000	0	175,000	0	0
Federal Grant	3,488,000	0	0	338,000	0	3,150,000	0	0
State Grant	175,000	0	0	0	0	175,000	0	0
<b>Total Funding</b>	<b>3,875,000</b>	<b>0</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>

**Project Title** Taxiway G Rehabilitation**Full-time Employees** 0**Operating Costs** \$0

**Project Description** Project involves the full-length rehabilitation of Taxiway G including replacement of existing light fixture with LED technology.

**Project Assumptions** Pending grant funding approval:  
 90% FAA share  
 5% MAA share  
 5% Local share

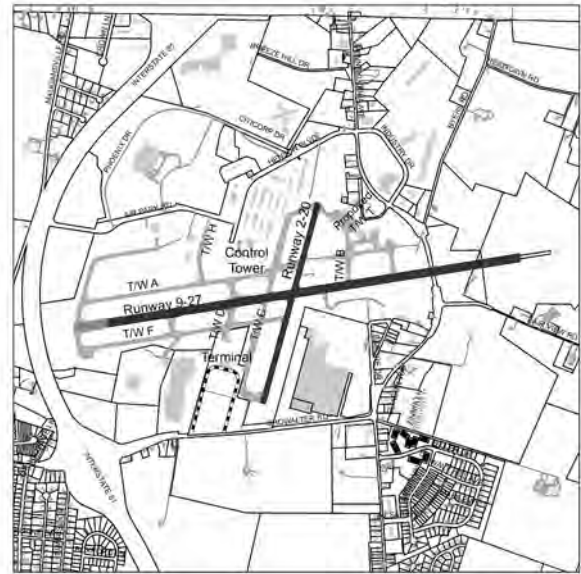
**Project Justification** The last rehabilitation of the taxiway was completed in 2008. This will make the existing surface approximately 20 years old in 2027 and it will have met the end of its useful life and will be ready for rehabilitation.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,728,000	0	0	0	0	0	0	1,728,000
Engineering and Design	192,000	0	0	0	0	0	0	192,000
<b>Total Cost</b>	<b>1,920,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,920,000</b>
<b>Funding Sources:</b>								
General Fund	106,000	0	0	0	0	0	0	106,000
Federal Grant	1,728,000	0	0	0	0	0	0	1,728,000
State Grant	86,000	0	0	0	0	0	0	86,000
<b>Total Funding</b>	<b>1,920,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,920,000</b>

**Project Title** Taxiway H Rehabilitation

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project involves the total rehabilitation of Taxiway H, including sub-surface repairs, milling, overlay, painting, and new LED lighting installation.

**Project Assumptions** Pending grant funding approval:  
90% FAA share  
5% MAA share  
5% Local share

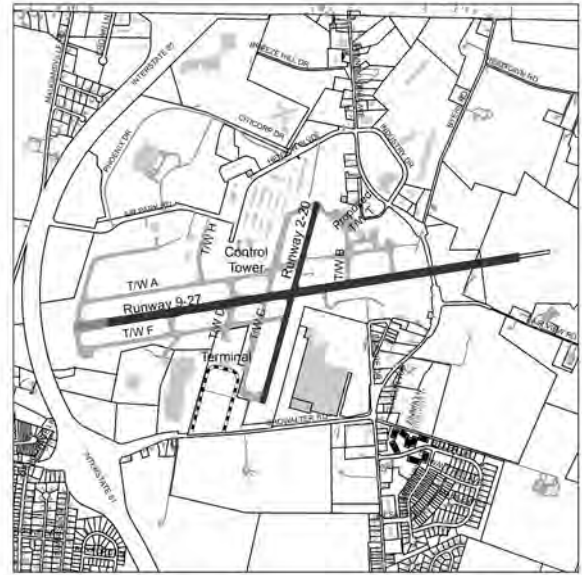
**Project Justification** The taxiway will be near the end of its useful life and will be in need of rehabilitation.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Engineering and Design	300,000	0	0	0	0	0	0	300,000
<b>Total Cost</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>
<b>Funding Sources:</b>								
General Fund	15,000	0	0	0	0	0	0	15,000
Federal Grant	270,000	0	0	0	0	0	0	270,000
State Grant	15,000	0	0	0	0	0	0	15,000
<b>Total Funding</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**Project Title** Taxiway T Construction

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project consists of the construction of a new taxiway to access aviation facilities off of Pennsylvania Avenue.

**Project Assumptions** Pending grant funding approval:  
90% FAA share  
5% MAA share  
5% Local share

**Project Justification** As the area north of Nick's Airport Inn develops, there will need to be a taxiway to access the rear of these facilities.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Engineering and Design	159,000	0	0	0	0	0	0	159,000
<b>Total Cost</b>	<b>159,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>159,000</b>
<b>Funding Sources:</b>								
General Fund	8,000	0	0	0	0	0	0	8,000
Federal Grant	143,000	0	0	0	0	0	0	143,000
State Grant	8,000	0	0	0	0	0	0	8,000
<b>Total Funding</b>	<b>159,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>159,000</b>

# Bridges

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## Bridges

### Capital Improvement Ten Year Summary

### Fiscal Year 2023 - 2032

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
62	Bridge Inspection and Inventory	503,533	146,533	0	138,000	0	24,000	0	195,000
63	Crystal Falls Drive W3051	2,498,500	1,698,500	800,000	0	0	0	0	0
64	Keedysville Road Bridge W5651	2,564,600	1,764,600	800,000	0	0	0	0	0
65	Mousetown Road Culvert 06/02	526,300	376,300	150,000	0	0	0	0	0
66	Cleaning & Painting of Steel Bridges	358,000	108,000	0	100,000	0	0	0	150,000
67	Halfway Boulevard Bridges W0912	4,489,000	2,889,000	1,600,000	0	0	0	0	0
68	Country Store Lane Culvert 16/06	335,000	0	35,000	300,000	0	0	0	0
69	Gardenhour Road Bridge W2431	1,945,000	0	500,000	25,000	0	1,420,000	0	0
70	Greenspring Furnace Road Culvert 15/15	406,000	0	40,000	179,000	187,000	0	0	0
71	Kretsinger Road Culvert 14/01	316,000	0	137,000	179,000	0	0	0	0
72	Appletown Road Bridge W2184	474,000	0	0	0	0	0	0	474,000
73	Ashton Road Culvert 04/06	399,000	0	0	0	0	0	0	399,000
74	Bowie Road Culvert	305,000	0	0	0	0	0	0	305,000
75	Burnside Bridge Road Culvert 01/03	329,000	0	0	0	114,000	215,000	0	0
76	Draper Road Culvert 04/07	428,000	0	0	0	0	0	0	428,000
77	Draper Road Culvert 04/08	379,000	0	0	0	0	0	0	379,000
78	Greenbrier Road Culvert 16/14	268,000	0	0	0	0	0	0	268,000
79	Gruber Road Bridge 04/10	288,000	0	0	0	0	0	0	288,000
80	Harpers Ferry Road Culvert 11/02	541,000	0	0	0	0	82,000	459,000	0
81	Henline Road Culvert 05/05	465,000	0	0	0	0	0	32,000	433,000
82	Hoffman's Inn Road Culvert 05/06	313,000	0	0	0	0	0	0	313,000
83	Lanes Road Culvert 15/12	317,000	0	0	32,000	285,000	0	0	0
84	Long Hollow Road Culvert 05/07	316,000	0	0	0	0	66,000	250,000	0
85	Mercersburg Road Culvert 04/16	384,000	0	0	0	0	0	0	384,000
86	Mooresville Road Culvert 15/21	355,000	0	0	0	0	0	0	355,000
87	Poplar Grove Road Bridge W2432	1,581,000	0	0	0	0	0	0	1,581,000
88	Remsburg Road Culvert	287,000	0	0	0	119,000	168,000	0	0
89	Rinehart Road Culvert 14/03	332,000	0	0	332,000	0	0	0	0
90	Stone Masonry Bridge Repairs	270,000	0	0	0	0	0	0	270,000
91	Taylors Landing Road Bridge W7101	545,000	0	0	0	0	0	0	545,000
92	Willow Road Culvert 05/10	323,000	0	0	0	0	0	0	323,000
93	Yarrowsburg Road Bridge W6191	2,102,000	0	0	0	0	0	0	2,102,000
TOTAL		24,942,933	6,982,933	4,062,000	1,285,000	705,000	1,975,000	741,000	9,192,000
Funding Sources									
	General Fund	1,884,433	843,433	164,000	238,000	0	24,000	0	615,000
	Tax-Supported Bond	11,076,717	1,366,717	582,000	1,047,000	705,000	831,000	741,000	5,804,000
	Transfer Tax	423,983	67,983	356,000	0	0	0	0	0
	Federal Grant	11,557,800	4,704,800	2,960,000	0	0	1,120,000	0	2,773,000
TOTAL		24,942,933	6,982,933	4,062,000	1,285,000	705,000	1,975,000	741,000	9,192,000

**Project Title** Bridge Inspection & Inventory

**Project ID** BRG002

**Full-time Employees** 0

**Operating Costs** \$1,080

**Project Description** This project provides an ongoing bridge inspection program for both major (bridges greater than 20 feet in length) and minor (bridges greater than 6 but less than 20 feet in length) structures. Federal regulations govern the major structures inspection program.

**Project Assumptions** Federal aid bridge funds cover all the costs for the major bridges. They are not shown herein since they are paid directly by the State Highway Administration to the consultant, and do not pass through the County's records. Only local funds required are shown below. Minor structures are fully locally funded as they are not eligible for any federal aid money.

**Project Justification** Various portions of this project are required by State and Federal regulations, while other portions are done as needed to assure public safety and to minimize maintenance costs. This project supports the infrastructure needs of the County under its bridge infrastructure program.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Other	503,533	146,533	0	138,000	0	24,000	0	195,000
<b>Total Cost</b>	<b>503,533</b>	<b>146,533</b>	<b>0</b>	<b>138,000</b>	<b>0</b>	<b>24,000</b>	<b>0</b>	<b>195,000</b>
<b>Funding Sources:</b>								
General Fund	503,533	146,533	0	138,000	0	24,000	0	195,000
<b>Total Funding</b>	<b>503,533</b>	<b>146,533</b>	<b>0</b>	<b>138,000</b>	<b>0</b>	<b>24,000</b>	<b>0</b>	<b>195,000</b>

**Project Title** Crystal Falls Drive Bridge W3051

**Project ID** BRG030

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project is located just outside Smithsburg town limits on Crystal Falls Drive (ADC Map 23, F-4). The project will replace a two span concrete bridge with a two cell concrete box culvert and include traffic barrier approach road improvements

**Project Assumptions** The project is proposed as a Federal Aid project with 80/20 cost share for construction.

**Project Justification** The project is needed to replace a structure that has exceeded its useful life and to improve safety. Due to the structure type, no practical long term repair options exist. The Bridge Sufficiency Rating is 42.5 out of a maximum possible score of 100.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,953,000	1,153,000	800,000	0	0	0	0	0
Engineering and Design	353,500	353,500	0	0	0	0	0	0
Inspection	130,000	130,000	0	0	0	0	0	0
Land Acquisition	20,200	20,200	0	0	0	0	0	0
Utilities	41,800	41,800	0	0	0	0	0	0
<b>Total Cost</b>	<b>2,498,500</b>	<b>1,698,500</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>Funding Sources:</b>								
General Fund	58,000	0	58,000	0	0	0	0	0
Tax-Supported Bond	720,717	618,717	102,000	0	0	0	0	0
Transfer Tax	67,983	67,983	0	0	0	0	0	0
Federal Grant	1,651,800	1,011,800	640,000	0	0	0	0	0
<b>Total Funding</b>	<b>2,498,500</b>	<b>1,698,500</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Project Title** Keedysville Road Bridge W5651

**Project ID** BRG072

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This bridge is located in the 18900 block of Keedysville Road, one half mile west of Keedysville (ADC Map 31, E-7). The project will rehabilitate a stone arch structure. The structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, stone masonry reconstruction, and repointing.

**Project Assumptions** The project is proposed as a Federal Aid project with 80/20 cost share for construction.

**Project Justification** The project is needed to maintain a serviceable condition and to protect historical considerations. The Bridge Sufficiency Rating is 50.8 out of a maximum possible score of 100.

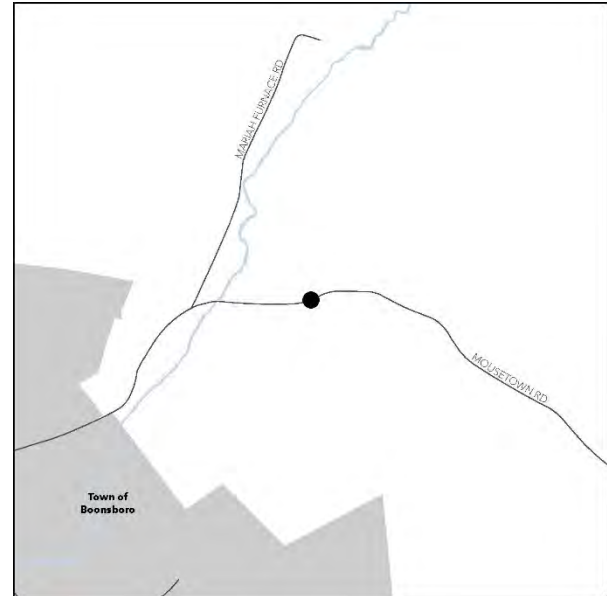
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	2,126,000	1,326,000	800,000	0	0	0	0	0
Engineering and Design	252,500	252,500	0	0	0	0	0	0
Inspection	130,000	130,000	0	0	0	0	0	0
Land Acquisition	5,100	5,100	0	0	0	0	0	0
Utilities	51,000	51,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>2,564,600</b>	<b>1,764,600</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	337,600	337,600	0	0	0	0	0	0
Tax-Supported Bond	219,000	59,000	160,000	0	0	0	0	0
Federal Grant	2,008,000	1,368,000	640,000	0	0	0	0	0
<b>Total Funding</b>	<b>2,564,600</b>	<b>1,764,600</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Mousetown Road Culvert 06/02

**Project ID** BRG073

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The culvert is located in the 20900 block of Mousetown Road (ADC Map 32, Grid F-4). The project will replace the existing structural metal pipe arch with a concrete box culvert and will install the appropriate traffic barriers.

**Project Assumptions** The project is to be done in conjunction with Newcomer Road bridge 14/02 and Catholic Church Road bridge 15/02.

**Project Justification** The project is needed to replace a structure that is nearing the end of its useful life and to provide improved safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	454,000	304,000	150,000	0	0	0	0	0
Inspection	56,000	56,000	0	0	0	0	0	0
Land Acquisition	10,200	10,200	0	0	0	0	0	0
Utilities	6,100	6,100	0	0	0	0	0	0
<b>Total Cost</b>	<b>526,300</b>	<b>376,300</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	357,300	251,300	106,000	0	0	0	0	0
Tax-Supported Bond	125,000	125,000	0	0	0	0	0	0
Transfer Tax	44,000	0	44,000	0	0	0	0	0
<b>Total Funding</b>	<b>526,300</b>	<b>376,300</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Cleaning & Painting of Steel Bridges**

**Project ID**                         BRG082

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**          The project consists of cleaning and painting various steel beam bridges throughout the County.

**Project Justification**        The project is essential to maintain and extend the useful life of the structure.

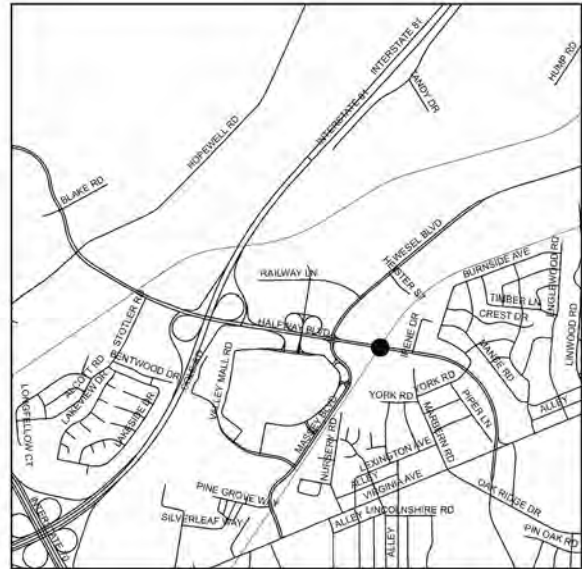
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	317,000	67,000	0	100,000	0	0	0	150,000
Inspection	41,000	41,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>358,000</b>	<b>108,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>Funding Sources:</b>								
General Fund	358,000	108,000	0	100,000	0	0	0	150,000
<b>Total Funding</b>	<b>358,000</b>	<b>108,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>

**Project Title** Halfway Boulevard Bridges  
W0912

**Project ID** BRG083

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project involves repairing the eastbound and westbound bridges of Halfway Boulevard over the Norfolk Southern railroad (ADC Map 20, H-8). The project will include cleaning and painting of steel beams, replacement of bearings and expansion joints, concrete repairs to the substructure and superstructure, traffic barrier improvements, and minor paving work.

**Project Assumptions** The project is proposed as a Federal Aid project with 80/20 cost share for construction.

**Project Justification** The project is essential to maintain and extend the useful life of the structure. The Bridge Sufficiency Rating is 49.4 out of a maximum possible score of 100.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	3,489,000	1,889,000	1,600,000	0	0	0	0	0
Engineering and Design	700,000	700,000	0	0	0	0	0	0
Inspection	300,000	300,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>4,489,000</b>	<b>2,889,000</b>	<b>1,600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	884,000	564,000	320,000	0	0	0	0	0
Federal Grant	3,605,000	2,325,000	1,280,000	0	0	0	0	0
<b>Total Funding</b>	<b>4,489,000</b>	<b>2,889,000</b>	<b>1,600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Country Store Lane Culvert 16/06

**Project ID** BRG088

**Full-time Employees** 0

**Operating Costs** \$0

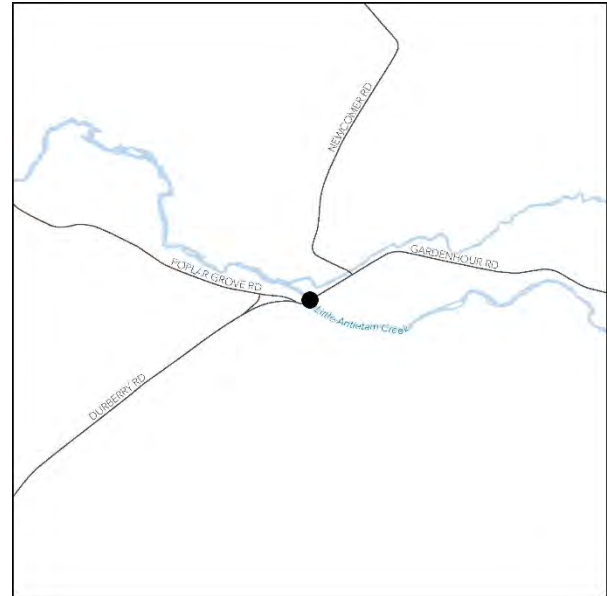


**Project Description** This project is located in the 9700 Block of Mapleville Road (MD 66) near the intersection with Black Rock Road. The project will replace the existing concrete bridge with a concrete box culvert and headwalls.

**Project Assumptions** An option to remove the structure will also be investigated.

**Project Justification** This project is needed to replace a structure that is near the end of its useful life. Due to the structure type, no practical long term repair options exist.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	300,000	0	0	300,000	0	0	0	0
Engineering and Design	25,000	0	25,000	0	0	0	0	0
Land Acquisition	10,000	0	10,000	0	0	0	0	0
<b>Total Cost</b>	<b>335,000</b>	<b>0</b>	<b>35,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	300,000	0	0	0	0	0	0	0
Transfer Tax	35,000	0	35,000	0	0	0	0	0
<b>Total Funding</b>	<b>335,000</b>	<b>0</b>	<b>35,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Gardenhour Road Bridge W2431**Project ID** BRG089**Full-time Employees** 0**Operating Costs** \$0

**Project Description** This project is located in the 22500 block of Gardenhour Road (ADC Map 12, D-10). The project involves the replacement of an existing one lane, single span bridge with a two lane concrete bridge with traffic barrier and approach road improvements.

**Project Assumptions** The project is proposed as a federal aid project with 80/20 cost share for construction. The project is assumed to be done in conjunction with the Poplar Grove Road Bridge W2432.

**Project Justification** The project is needed to replace a structure that is nearing the end of its useful life and to improve safety. Due to structure type, no practical long term repair options exist. The Bridge Sufficiency Rating is 49.4 out of a maximum possible score of 100 and the bridge is classified as structurally deficient.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,200,000	0	0	0	0	1,200,000	0	0
Engineering and Design	500,000	0	500,000	0	0	0	0	0
Inspection	200,000	0	0	0	0	200,000	0	0
Land Acquisition	25,000	0	0	25,000	0	0	0	0
Utilities	20,000	0	0	0	0	20,000	0	0
<b>Total Cost</b>	<b>1,945,000</b>	<b>0</b>	<b>500,000</b>	<b>25,000</b>	<b>0</b>	<b>1,420,000</b>	<b>0</b>	<b>0</b>

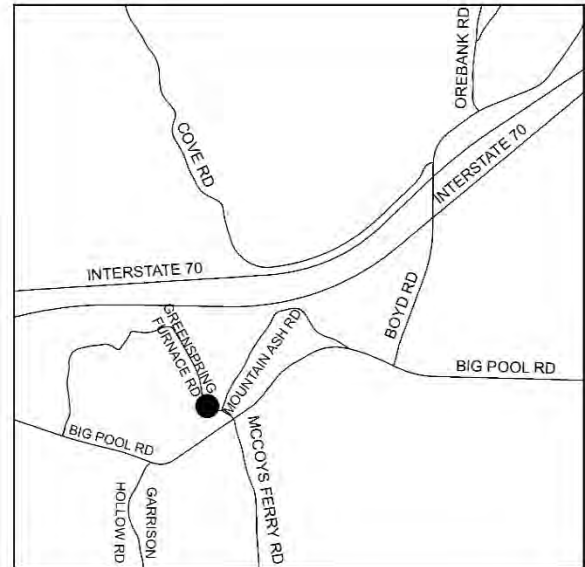
<b>Funding Sources:</b>								
Tax-Supported Bond	325,000	0	0	25,000	0	300,000	0	0
Transfer Tax	100,000	0	100,000	0	0	0	0	0
Federal Grant	1,520,000	0	400,000	0	0	1,120,000	0	0
<b>Total Funding</b>	<b>1,945,000</b>	<b>0</b>	<b>500,000</b>	<b>25,000</b>	<b>0</b>	<b>1,420,000</b>	<b>0</b>	<b>0</b>

**Project Title** Greenspring Furnace Road Culvert 15/15

**Project ID** BRG090

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located on Greenspring Furnace Road (ADC Map 17, Grid G-8). The project will replace the single lane concrete slab with a two-cell concrete box culvert with headwalls.

**Project Assumptions** The project assumes temporary roadway stream/culvert crossing during construction.

**Project Justification** The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	335,000	0	0	179,000	156,000	0	0	0
Inspection	31,000	0	0	0	31,000	0	0	0
Land Acquisition	15,000	0	15,000	0	0	0	0	0
Utilities	25,000	0	25,000	0	0	0	0	0
<b>Total Cost</b>	<b>406,000</b>	<b>0</b>	<b>40,000</b>	<b>179,000</b>	<b>187,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	366,000	0	0	179,000	187,000	0	0	0
Transfer Tax	40,000	0	40,000	0	0	0	0	0
<b>Total Funding</b>	<b>406,000</b>	<b>0</b>	<b>40,000</b>	<b>179,000</b>	<b>187,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Kretsinger Road Culvert 14/01

**Project ID** BRG091

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 13600 block of Kretsinger Road (ADC Map 12, Grid G-8). The project will replace the concrete slab bridge with a two-cell concrete box culvert and headwalls. The project will install an appropriate traffic barrier.

**Project Assumptions** The project is to be done in conjunction with Rinehart Road culvert 14/03.

**Project Justification** The project is needed to replace a structure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	254,000	0	106,000	148,000	0	0	0	0
Inspection	31,000	0	0	31,000	0	0	0	0
Land Acquisition	10,000	0	10,000	0	0	0	0	0
Utilities	21,000	0	21,000	0	0	0	0	0
<b>Total Cost</b>	<b>316,000</b>	<b>0</b>	<b>137,000</b>	<b>179,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	179,000	0	0	179,000	0	0	0	0
Transfer Tax	137,000	0	137,000	0	0	0	0	0
<b>Total Funding</b>	<b>316,000</b>	<b>0</b>	<b>137,000</b>	<b>179,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Project Title** Appletown Road Bridge W2184

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 6100 block of Appletown Road (ADC Map 32, E-8). The project will replace the existing concrete bridge with a concrete box culvert and headwalls.

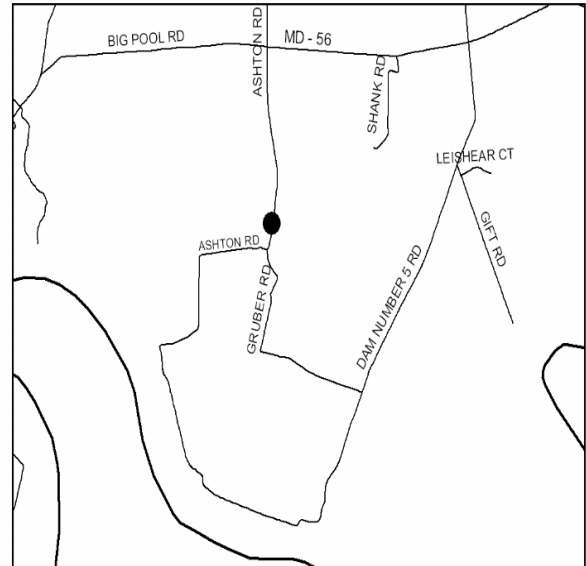
**Project Justification** This project is needed to replace a structure that is near the end of its useful life. The Bridge Sufficiency Rating is 38.0 out of a maximum possible score of 100. The bridge is classified as structurally deficient and scour critical.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	405,000	0	0	0	0	0	0	405,000
Inspection	44,000	0	0	0	0	0	0	44,000
Land Acquisition	10,000	0	0	0	0	0	0	10,000
Utilities	15,000	0	0	0	0	0	0	15,000
<b>Total Cost</b>	<b>474,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>474,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	474,000	0	0	0	0	0	0	474,000
<b>Total Funding</b>	<b>474,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>474,000</b>

**Project Title** Ashton Road Culvert 04/06

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 11200 block of Ashton Road (ADC Map 18, Grid E-9). The project will replace the concrete slab with a concrete box culvert with headwalls. The traffic barrier will be upgraded to improve safety.

**Project Assumptions** The project is to be done in conjunction with Gruber Road Bridge 04/10.

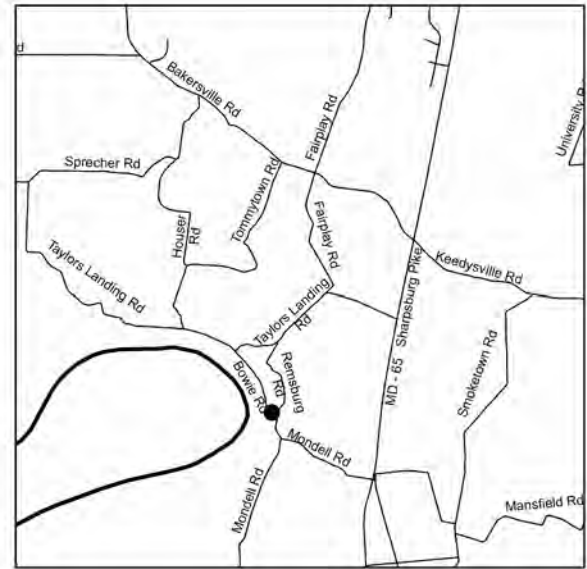
**Project Justification** The project is needed to replace a structure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	325,000	0	0	0	0	0	0	325,000
Inspection	44,000	0	0	0	0	0	0	44,000
Land Acquisition	6,000	0	0	0	0	0	0	6,000
Utilities	24,000	0	0	0	0	0	0	24,000
<b>Total Cost</b>	<b>399,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>399,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	399,000	0	0	0	0	0	0	399,000
<b>Total Funding</b>	<b>399,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>399,000</b>

**Project Title**                **Bowie Road Culvert**

**Full-time Employees**     0

**Operating Costs**           \$0



**Project Description**        This project is located in the 6600 Block of Bowie Road (ADC Map 30, Grid H-6). The project will replace the culverts with a precast concrete box culvert and headwalls.

**Project Assumptions**      The project will be done in conjunction with Remsburg Road Culvert.

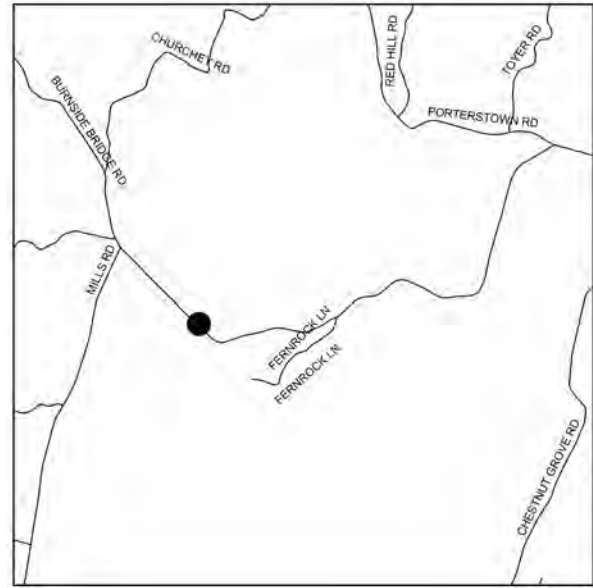
**Project Justification**        The project is needed to replace a structure that is near the end of its useful life and to increase the structure size to reduce frequency of roadway overtopping.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	236,000	0	0	0	0	0	0	236,000
Inspection	34,000	0	0	0	0	0	0	34,000
Land Acquisition	12,000	0	0	0	0	0	0	12,000
Utilities	23,000	0	0	0	0	0	0	23,000
<b>Total Cost</b>	<b>305,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>305,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	305,000	0	0	0	0	0	0	305,000
<b>Total Funding</b>	<b>305,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>305,000</b>

**Project Title** Burnside Bridge Road Culvert  
01/03

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 18900 block of Burnside Bridge Road (ADC Map CIP Transit Fund, Grid E-4). The project will replace the concrete slab with a precast concrete box culvert and headwalls.

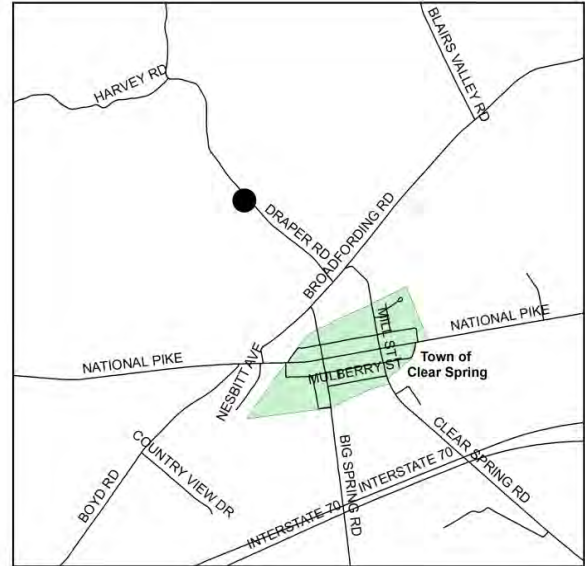
**Project Justification** The project is needed to replace a structure that is near the end of its useful life and to improve safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	264,000	0	0	0	81,000	183,000	0	0
Inspection	32,000	0	0	0	0	32,000	0	0
Land Acquisition	11,000	0	0	0	11,000	0	0	0
Utilities	22,000	0	0	0	22,000	0	0	0
<b>Total Cost</b>	<b>329,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114,000</b>	<b>215,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	329,000	0	0	0	114,000	215,000	0	0
<b>Total Funding</b>	<b>329,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114,000</b>	<b>215,000</b>	<b>0</b>	<b>0</b>

**Project Title** Draper Road Culvert 04/07

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 12700 Block of Draper Road (ADC Map 18, Grid B-1). The project will replace the concrete slab with a new precast concrete box culvert.

**Project Justification** The project is needed to replace a structure that is near the end of its useful life. Due to the structure type, no practical long term repair options exist. Traffic barrier upgrades will also improve traffic safety.

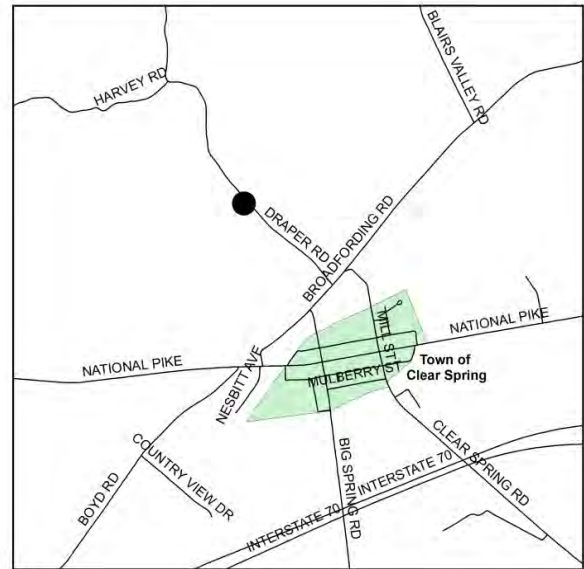
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	347,000	0	0	0	0	0	0	347,000
Inspection	45,000	0	0	0	0	0	0	45,000
Land Acquisition	12,000	0	0	0	0	0	0	12,000
Utilities	24,000	0	0	0	0	0	0	24,000
<b>Total Cost</b>	<b>428,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>428,000</b>

<b>Funding Sources:</b>								
Tax-Supported Bond	428,000	0	0	0	0	0	0	428,000
<b>Total Funding</b>	<b>428,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>428,000</b>

**Project Title** Draper Road Culvert 04/08

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 12700 Block of Draper Road (ADC Map 18, Grid B-1). The project will replace the concrete slab with a new precast concrete box culvert.

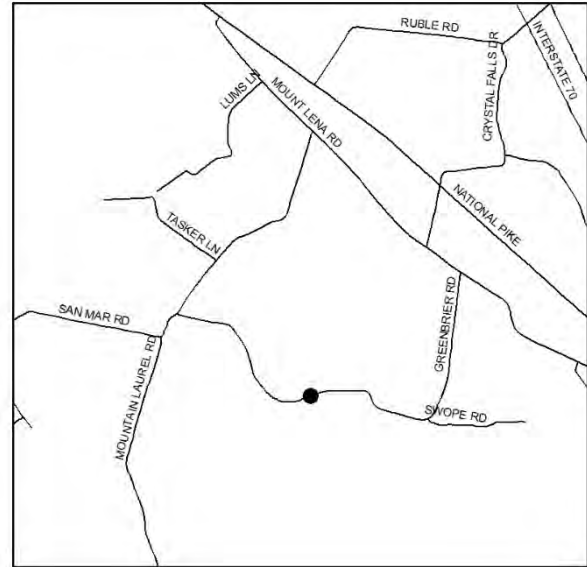
**Project Justification** The project is needed to replace a structure that is near the end of its useful life. Due to the structure type, no practical long term repair options exist. Traffic barrier upgrades will also improve traffic safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	298,000	0	0	0	0	0	0	298,000
Inspection	45,000	0	0	0	0	0	0	45,000
Land Acquisition	12,000	0	0	0	0	0	0	12,000
Utilities	24,000	0	0	0	0	0	0	24,000
<b>Total Cost</b>	<b>379,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>379,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	379,000	0	0	0	0	0	0	379,000
<b>Total Funding</b>	<b>379,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>379,000</b>

**Project Title** Greenbrier Road Culvert 16/14

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located near Greenbrier State Park (ADC Map 27, H-9). The project will replace the deteriorated two lane corrugated metal pipe culvert with a precast box culvert. An upgraded traffic barrier will be added as well to improve safety.

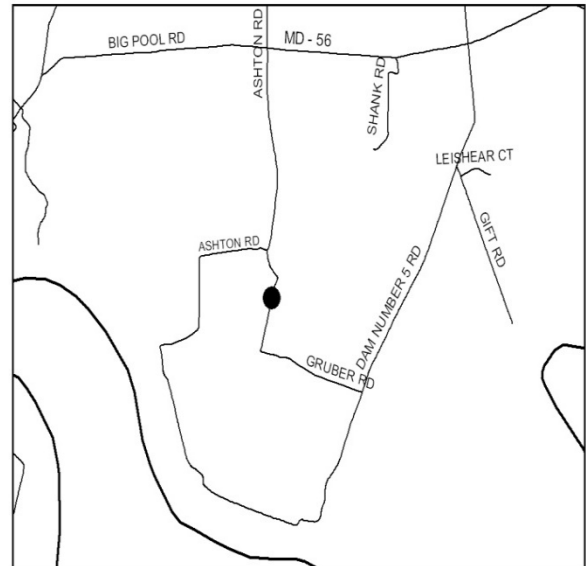
**Project Justification** The structure needs to be replaced due to its advanced deterioration as it is nearing the end of its useful life. Due to the structure type, no practical long term repair options exist.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	233,000	0	0	0	0	0	0	233,000
Inspection	35,000	0	0	0	0	0	0	35,000
<b>Total Cost</b>	<b>268,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>268,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	268,000	0	0	0	0	0	0	268,000
<b>Total Funding</b>	<b>268,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>268,000</b>

**Project Title** Gruber Road Bridge 04/10

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project is located in the 13200 block of Gruber Road (ADC Map 18, Grid E-9). The project will replace the concrete slab with a new concrete superstructure. Additional repairs include substructure concrete repairs and scour countermeasures.

**Project Assumptions** The project is to be done in conjunction with Ashton Road Culvert 04-06.

**Project Justification** The project is needed to replace a superstructure that is near the end of its useful life and improve vehicle safety.

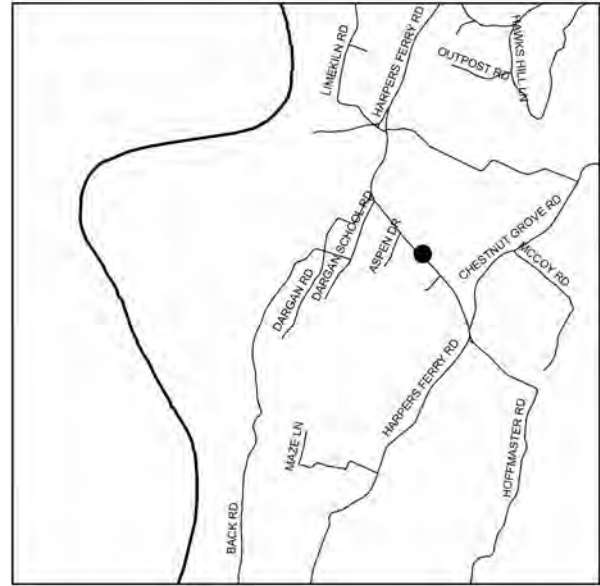
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	242,000	0	0	0	0	0	0	242,000
Inspection	36,000	0	0	0	0	0	0	36,000
Land Acquisition	6,000	0	0	0	0	0	0	6,000
Utilities	4,000	0	0	0	0	0	0	4,000
<b>Total Cost</b>	<b>288,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>288,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	288,000	0	0	0	0	0	0	288,000
<b>Total Funding</b>	<b>288,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>288,000</b>



**Project Title** Harpers Ferry Road Culvert 11/02

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 2300 block of Harpers Ferry Road (ADC Map 36, Grid G-1). The project will replace the concrete slab with a two-cell concrete box culvert and headwalls. The project will include installation of an appropriate traffic barrier.

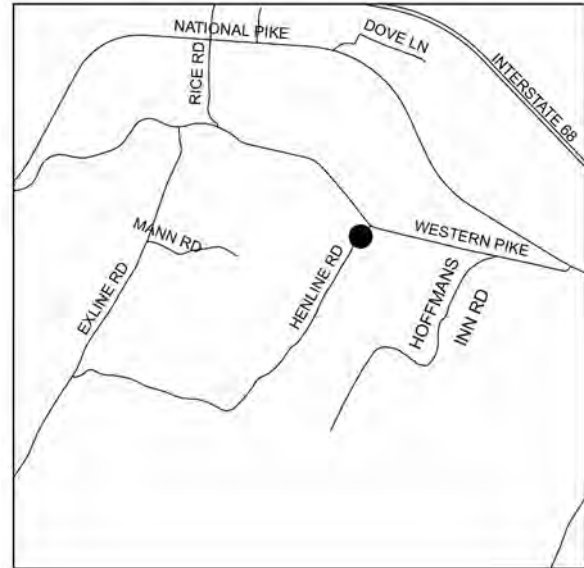
**Project Justification** The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	468,000	0	0	0	0	49,000	419,000	0
Inspection	40,000	0	0	0	0	0	40,000	0
Land Acquisition	11,000	0	0	0	0	11,000	0	0
Utilities	22,000	0	0	0	0	22,000	0	0
<b>Total Cost</b>	<b>541,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>82,000</b>	<b>459,000</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	541,000	0	0	0	0	82,000	459,000	0
<b>Total Funding</b>	<b>541,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>82,000</b>	<b>459,000</b>	<b>0</b>

**Project Title** Henline Road Culvert 05/05

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 3200 block of Henline Road (ADC Map 2, Grid C-8). The project will replace the concrete slab with a concrete box culvert and headwalls. The project will provide for the installation of an appropriate traffic barrier.

**Project Assumptions** The project is to be done in conjunction with Longmeadow Road Culvert 05/07 and Hoffman's Inn Road Culvert 05/06.

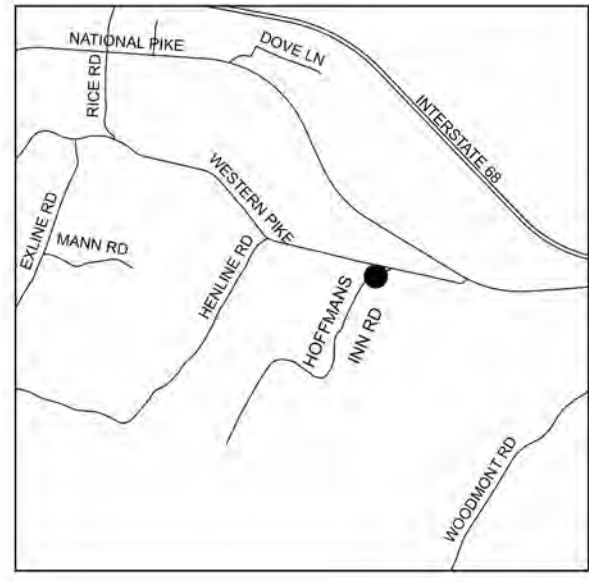
**Project Justification** The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	389,000	0	0	0	0	0	0	389,000
Inspection	42,000	0	0	0	0	0	0	42,000
Land Acquisition	11,000	0	0	0	0	0	11,000	0
Utilities	23,000	0	0	0	0	0	21,000	2,000
<b>Total Cost</b>	<b>465,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>433,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	465,000	0	0	0	0	0	32,000	433,000
<b>Total Funding</b>	<b>465,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>433,000</b>

**Project Title** Hoffman's Inn Road Culvert  
05/06

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 2500 block of Hoffman's Inn Road (ADC Map 2, Grid D-8). The project will replace the concrete slab with a concrete box culvert and headwalls. The project will provide for the installation of an appropriate traffic barrier.

**Project Assumptions** The project is to be done in conjunction with Long Hollow Road Culvert 05/07 and Henline Road Culvert 05/05.

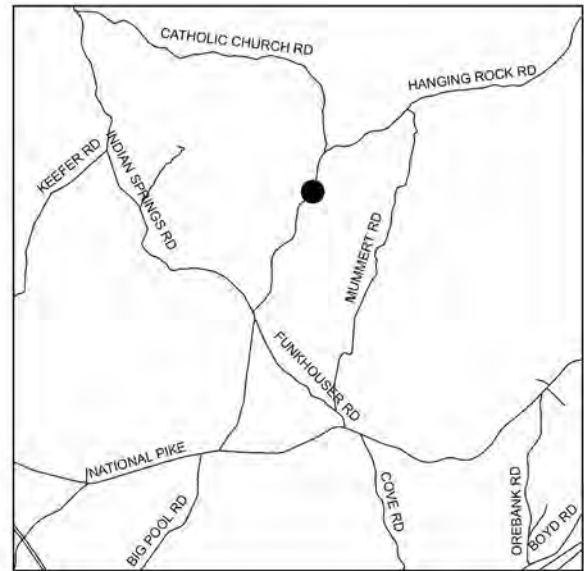
**Project Justification** The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	247,000	0	0	0	0	0	0	247,000
Inspection	32,000	0	0	0	0	0	0	32,000
Land Acquisition	11,000	0	0	0	0	0	0	11,000
Utilities	23,000	0	0	0	0	0	0	23,000
<b>Total Cost</b>	<b>313,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>313,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	313,000	0	0	0	0	0	0	313,000
<b>Total Funding</b>	<b>313,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>313,000</b>

**Project Title** Lanes Road Culvert 15/12

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 12900 block of Lanes Road (ADC Map 6, D-12). The project will replace the deteriorated two-lane concrete slab bridge with a precast box culvert. An upgraded traffic barrier will be added as well to improve safety.

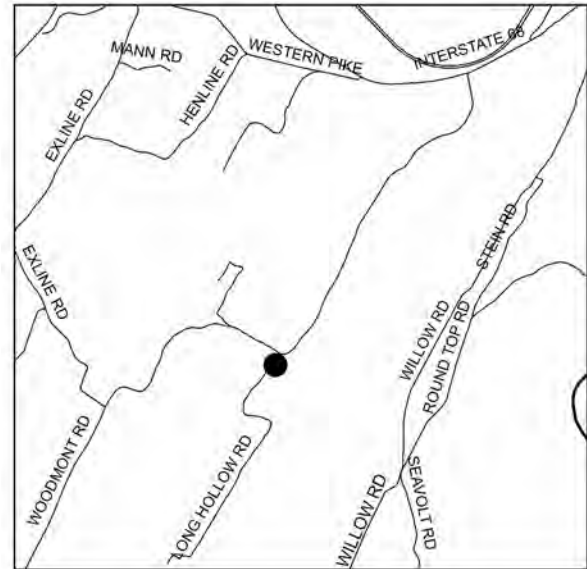
**Project Justification** The structure needs to be replaced due to its advanced deterioration as it is nearing the end of its useful life. Due to the structure type, no practical long term repair options exist.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	254,000	0	0	0	254,000	0	0	0
Inspection	31,000	0	0	0	31,000	0	0	0
Land Acquisition	11,000	0	0	11,000	0	0	0	0
Utilities	21,000	0	0	21,000	0	0	0	0
<b>Total Cost</b>	<b>317,000</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>285,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	317,000	0	0	32,000	285,000	0	0	0
<b>Total Funding</b>	<b>317,000</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>285,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Long Hollow Road Culvert 05/07

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 13000 block of Long Hollow Road (ADC Map 2, Grid D-12). The project will replace the concrete slab with a concrete box culvert and headwalls. The project will also provide for the installation of an appropriate traffic barrier.

**Project Assumptions** The project is to be done in conjunction with Henline Road Culvert 05/05 and Hoffman's Inn Road 05/06.

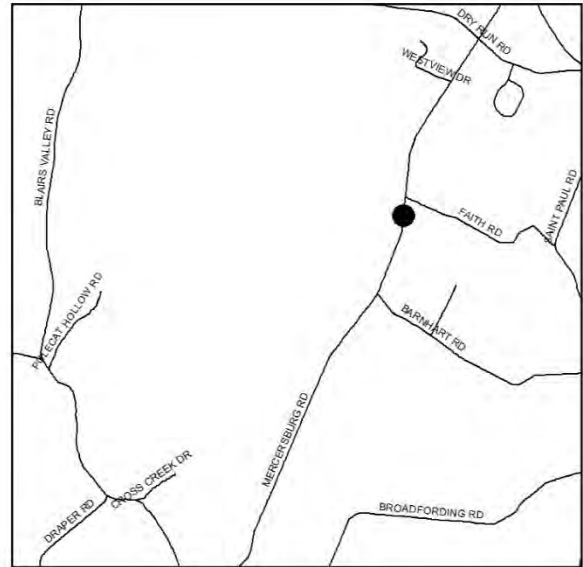
**Project Justification** The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	249,000	0	0	0	0	33,000	216,000	0
Inspection	34,000	0	0	0	0	0	34,000	0
Land Acquisition	11,000	0	0	0	0	11,000	0	0
Utilities	22,000	0	0	0	0	22,000	0	0
<b>Total Cost</b>	<b>316,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,000</b>	<b>250,000</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	316,000	0	0	0	0	66,000	250,000	0
<b>Total Funding</b>	<b>316,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,000</b>	<b>250,000</b>	<b>0</b>

**Project Title**                      **Mercersburg Road Culvert 04/16**

**Full-time Employees**        0

**Operating Costs**                \$0



**Project Description**        This project is located in the 14200 block of Mercersburg Road (ADC Map 7, G-6). The project will replace the existing concrete bridge with a concrete box culvert, headwalls, and new traffic barrier.

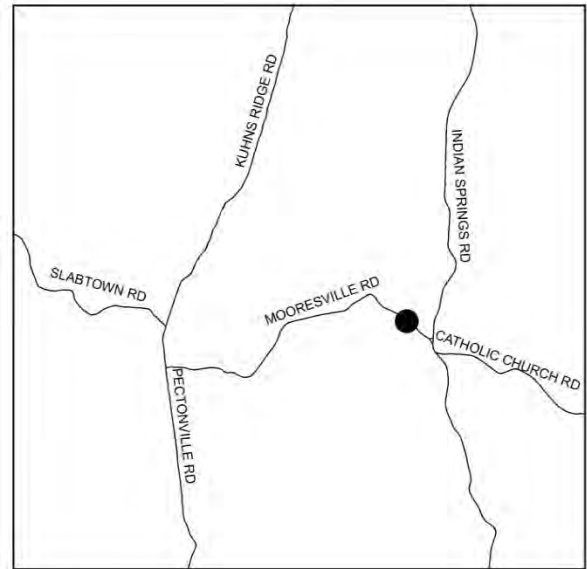
**Project Justification**        The project is needed to replace a structure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	332,000	0	0	0	0	0	0	332,000
Inspection	36,000	0	0	0	0	0	0	36,000
Land Acquisition	6,000	0	0	0	0	0	0	6,000
Utilities	10,000	0	0	0	0	0	0	10,000
<b>Total Cost</b>	<b>384,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>384,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	384,000	0	0	0	0	0	0	384,000
<b>Total Funding</b>	<b>384,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>384,000</b>

**Project Title**                    **Mooreville Road Culvert 15/21**

**Full-time Employees**        0

**Operating Costs**                \$0



**Project Description**        This project is located in the 10200 Block of Mooreville Road (ADC Map 5, Grid K-9). The project will replace a deteriorated multiple corrugated metal pipe culvert with a new precast concrete box culvert.

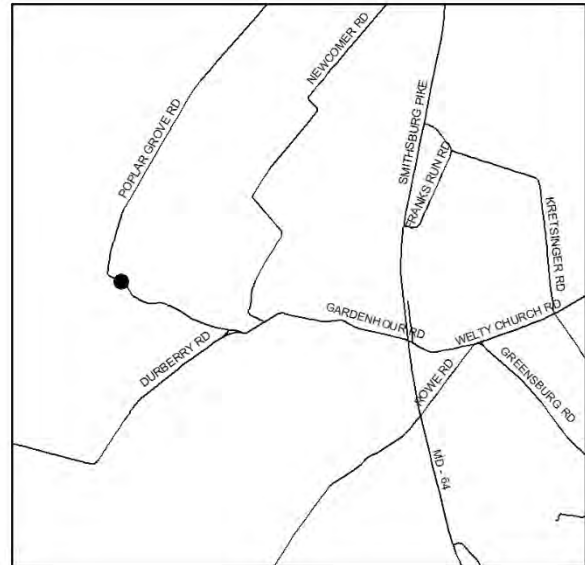
**Project Justification**        The project is needed to replace a structure that is near the end of its useful life. Due to the structure type, no practical long term repair options exist. Traffic barrier upgrades will also improve traffic safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	277,000	0	0	0	0	0	0	277,000
Inspection	42,000	0	0	0	0	0	0	42,000
Land Acquisition	12,000	0	0	0	0	0	0	12,000
Utilities	24,000	0	0	0	0	0	0	24,000
<b>Total Cost</b>	<b>355,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>355,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	355,000	0	0	0	0	0	0	355,000
<b>Total Funding</b>	<b>355,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>355,000</b>

**Project Title** Poplar Grove Road Bridge W2432

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 13600 block of Poplar Grove Road (ADC Map 12, C-9). The project involves the replacement of an existing one lane, single span bridge with a two-lane concrete bridge with traffic barrier and approach road alignment.

**Project Assumptions** The project is a proposed federal aid project with 80/20 cost share for construction. The project is assumed to be in conjunction with the Gardenhour Road Bridge W2431.

**Project Justification** The project is needed to replace a structure that is nearing the end of its useful life and to improve safety. Due to the structure type, no practical long term repair options exist. The Bridge Sufficiency Rating is 67.9 out of a maximum possible score of 100 and the bridge is classified as functionally obsolete.

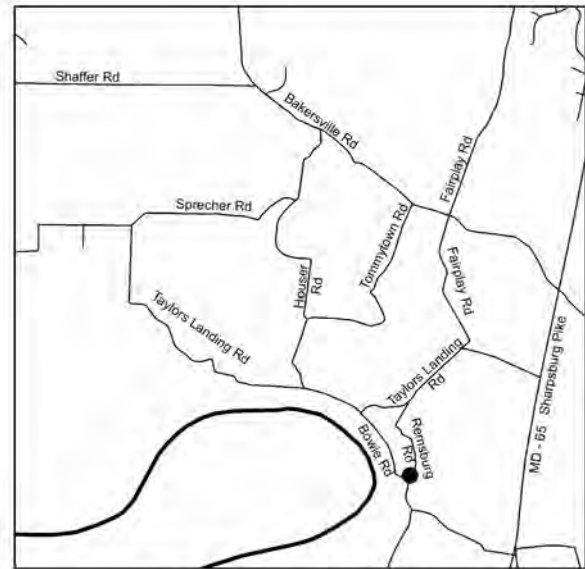
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,426,000	0	0	0	0	0	0	1,426,000
Engineering and Design	100,000	0	0	0	0	0	0	100,000
Inspection	35,000	0	0	0	0	0	0	35,000
Utilities	20,000	0	0	0	0	0	0	20,000
<b>Total Cost</b>	<b>1,581,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,581,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	440,000	0	0	0	0	0	0	440,000
Federal Grant	1,141,000							1,141,000
<b>Total Funding</b>	<b>1,581,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,581,000</b>



**Project Title**                      **Remsburg Road Culvert**

**Full-time Employees**        0

**Operating Costs**                \$0



**Project Description**            The project is located in the 6600 Block of Remsburg Road (ADC Map 30, Grid H-6). The project will replace the culverts with a precast concrete box culvert and headwalls. The project will raise the existing roadway elevation at crossing to reduce overtopping.

**Project Assumptions**        The project is to be done in conjunction with Bowie Road Culvert.

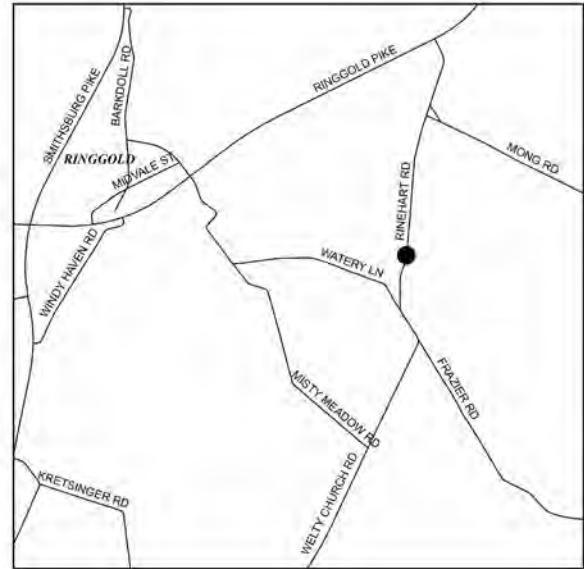
**Project Justification**        The project is needed to replace a structure that is near the end of its useful life and will increase the structure size to reduce the frequency of roadway overtopping.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	219,000	0	0	0	84,000	135,000	0	0
Inspection	33,000	0	0	0	0	33,000	0	0
Land Acquisition	12,000	0	0	0	12,000	0	0	0
Utilities	23,000	0	0	0	23,000	0	0	0
<b>Total Cost</b>	<b>287,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>119,000</b>	<b>168,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	287,000	0	0	0	119,000	168,000	0	0
<b>Total Funding</b>	<b>287,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>119,000</b>	<b>168,000</b>	<b>0</b>	<b>0</b>

**Project Title** Rinehart Road Culvert 14/03

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 14300 block of Rinehart Road (ADC Map 12, Grid J-6). The project will replace the concrete slab bridge with a two-cell concrete box culvert and headwalls. The project will install an appropriate traffic barrier.

**Project Assumptions** The project is to be completed with Kretsinger Road culvert 14/01.

**Project Justification** The project is needed to replace a structure that is near the end of its useful life and will improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	270,000	0	0	270,000	0	0	0	0
Inspection	31,000	0	0	31,000	0	0	0	0
Land Acquisition	10,000	0	0	10,000	0	0	0	0
Utilities	21,000	0	0	21,000	0	0	0	0
<b>Total Cost</b>	<b>332,000</b>	<b>0</b>	<b>0</b>	<b>332,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	332,000	0	0	332,000	0	0	0	0
<b>Total Funding</b>	<b>332,000</b>	<b>0</b>	<b>0</b>	<b>332,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Stone Masonry Bridge Repairs**

**Full-time Employees**        0

**Operating Costs**              \$0

**Project Description**        This project includes performing repairs to various masonry stone arch minor bridge structures at multiple locations in the county. Repairs include rebuilding stone masonry, repointing mortar joints, traffic barrier, and asphalt paving.

**Project Assumptions**       Locations include Clevelandtown Road Structure 06/01 (ADC Map 11, A-6), Netz Road Structure 06/03 (ADC Map 32, F-7), Lehmans Mill Road Structure 09/01 (ADC Map 11, A-6), and Beaver Creek Church Road Structure 16/02 (ADC Map 27, E-2).

**Project Justification**        This project is needed to extend the useful life of the structures in a cost-effective manner and to preserve the structures in a serviceable condition.

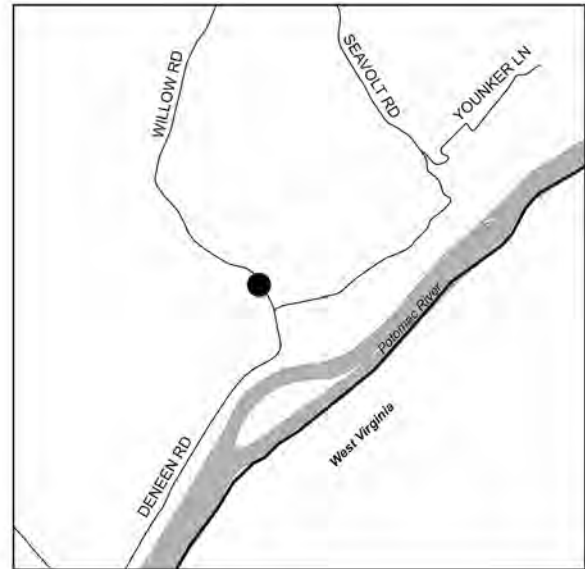
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	200,000	0	0	0	0	0	0	200,000
Inspection	55,000	0	0	0	0	0	0	55,000
Land Acquisition	15,000	0	0	0	0	0	0	15,000
<b>Total Cost</b>	<b>270,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>270,000</b>
<b>Funding Sources:</b>								
General Fund	270,000	0	0	0	0	0	0	270,000
<b>Total Funding</b>	<b>270,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>270,000</b>



**Project Title** Willow Road Culvert 05/10

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 12400 block of Willow Road (ADC Map 15, Grid F-4). The project will replace the concrete slab with a concrete box culvert with headwalls.

**Project Assumptions** The bridge is in a condition beyond serviceable repair.

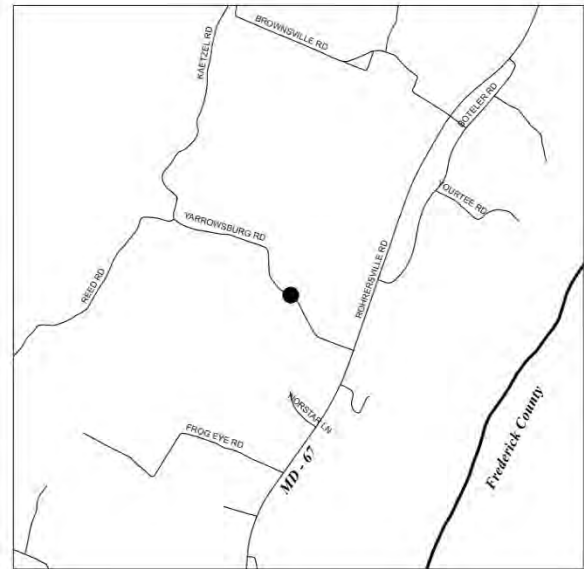
**Project Justification** This bridge is structurally and functionally deficient and requires replacement.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	246,000	0	0	0	0	0	0	246,000
Inspection	42,000	0	0	0	0	0	0	42,000
Land Acquisition	12,000	0	0	0	0	0	0	12,000
Utilities	23,000	0	0	0	0	0	0	23,000
<b>Total Cost</b>	<b>323,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>323,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	323,000	0	0	0	0	0	0	323,000
<b>Total Funding</b>	<b>323,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>323,000</b>

**Project Title** Yarrowsburg Road Bridge W6191

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located just south of Brownsville Road on Yarrowsburg Road (ADC Map 37, Grid E-2). The project will replace the existing concrete encased steel beam bridge with a single span concrete bridge. The project includes a roadway approach realignment and improvements.

**Project Assumptions** The project is proposed as a Federal Aid project with 80/20 cost share for construction.

**Project Justification** The project is needed to replace a structure that is nearing the end of its useful life and to improve safety. Due to the structure type, no practical long term repair option exists. The Bridge Sufficiency Rating is 42.1 out of a maximum possible score of 100.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,260,000	0	0	0	0	0	0	1,260,000
Engineering and Design	620,000	0	0	0	0	0	0	620,000
Inspection	160,000	0	0	0	0	0	0	160,000
Land Acquisition	31,000	0	0	0	0	0	0	31,000
Utilities	31,000	0	0	0	0	0	0	31,000
<b>Total Cost</b>	<b>2,102,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,102,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	470,000	0	0	0	0	0	0	470,000
Federal Grant	1,632,000	0	0	0	0	0	0	1,632,000
<b>Total Funding</b>	<b>2,102,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,102,000</b>



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# Drainage

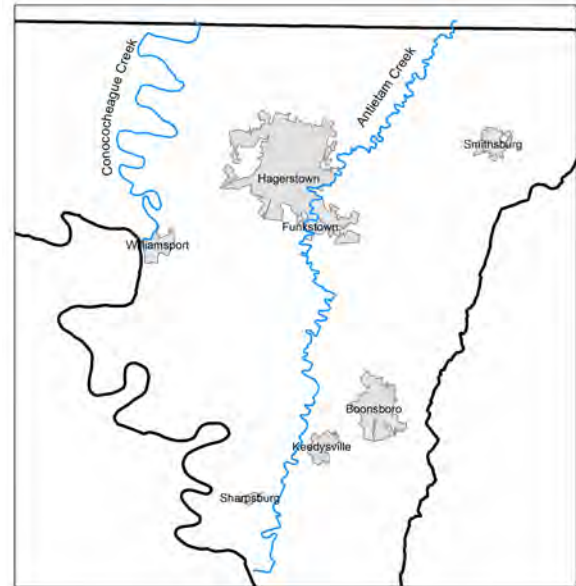
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## Drainage Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Page</b>	<b>Project Costs</b>								
96	Stream Restoration at Various Locations	1,906,782	1,056,782	0	250,000	0	0	250,000	350,000
97	Stormwater Retrofits	14,703,027	4,553,027	1,900,000	1,000,000	900,000	900,000	900,000	4,550,000
98	Drainage Improvements at Various Locations	775,000	225,000	75,000	50,000	50,000	50,000	50,000	275,000
99	Broadfording Church Road Culvert	231,000	0	0	57,000	174,000	0	0	0
100	Draper Road Drainage Improvements	509,000	0	0	0	0	0	259,000	250,000
101	Harpers Ferry Road Drainage, 3600 Block	376,000	0	0	75,000	301,000	0	0	0
102	Shank Road Drainage	153,000	0	0	0	153,000	0	0	0
103	Trego Mountain Road Drainage	315,000	0	0	0	0	0	0	315,000
104	University Road Culvert	203,000	0	0	0	0	203,000	0	0
<b>TOTAL</b>		<b>19,171,809</b>	<b>5,834,809</b>	<b>1,975,000</b>	<b>1,432,000</b>	<b>1,578,000</b>	<b>1,153,000</b>	<b>1,459,000</b>	<b>5,740,000</b>
<b>Funding Sources</b>									
	General Fund	8,374,864	3,024,864	375,000	700,000	450,000	450,000	700,000	2,675,000
	Tax-Supported Bond	3,672,107	1,885,107	0	132,000	628,000	203,000	259,000	565,000
	Transfer Tax	5,780,000	580,000	600,000	600,000	500,000	500,000	500,000	2,500,000
	Capital Reserve - General	75,000	75,000	0	0	0	0	0	0
	Federal Grant	1,000,000	0	1,000,000	0	0	0	0	0
	State Grant	250,000	250,000	0	0	0	0	0	0
	Contributions	19,838	19,838	0	0	0	0	0	0
<b>TOTAL</b>		<b>19,171,809</b>	<b>5,834,809</b>	<b>1,975,000</b>	<b>1,432,000</b>	<b>1,578,000</b>	<b>1,153,000</b>	<b>1,459,000</b>	<b>5,740,000</b>

**Project Title** Stream Restoration at Various Locations**Project ID** DNG030**Full-time Employees** 0**Operating Costs** \$0

**Project Description** This project will restore stream banks at various locations on Antietam Creek and Conococheague Creek to improve water quality.

**Project Assumptions** Stream restoration projects for FY24, FY27, and FY30 are yet to be determined.

**Project Justification** Maryland has imposed total maximum daily load requirements (TMDL) on Antietam Creek and Conococheague Creek. This requirement will restrict land development over time unless dealt with by mitigation measures. Stream restoration will improve water quality and allow for future development.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,906,782	1,056,782	0	250,000	0	0	250,000	350,000
<b>Total Cost</b>	<b>1,906,782</b>	<b>1,056,782</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>350,000</b>
<b>Funding Sources:</b>								
General Fund	1,656,782	806,782	0	250,000	0	0	250,000	350,000
State Grant	250,000	250,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>1,906,782</b>	<b>1,056,782</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>350,000</b>

**Project Title**                      **Stormwater Retrofits****Project ID**                              DNG039**Full-time Employees**              0**Operating Costs**                    \$0

**Project Description**                      This project includes the construction of SWM systems based on Best Management Practices such as bio-swales, bio-filters, permeable pavements, ponds, wetlands, etc. along roadways, in parks, and on other county properties to satisfy the National Pollutant Discharge Elimination Systems (NPDES) requirements established by the MDE.

**Project Assumptions**                      The project will provide treatment for 20% of the impervious surfaces within the regulated NPDES area estimated to be 3,500 acres, treating 700 acres. County is working with Army Corps of Engineers (ACOE) to inventory county stormwater infrastructure. FY23 - assumes use of approved ARPA funds of \$1 Million.

**Project Justification**                      The project is requested due to a regulatory requirement imposed by the EPA and MDE.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	11,229,027	4,123,027	1,622,000	716,000	610,000	604,000	598,000	2,956,000
Engineering and Design	399,000	116,000	27,000	27,000	28,000	28,000	29,000	144,000
Other	2,729,000	208,000	229,000	234,000	239,000	244,000	249,000	1,326,000
Land Acquisition	346,000	106,000	22,000	23,000	23,000	24,000	24,000	124,000
<b>Total Cost</b>	<b>14,703,027</b>	<b>4,553,027</b>	<b>1,900,000</b>	<b>1,000,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>4,550,000</b>

<b>Funding Sources:</b>								
General Fund	6,018,082	2,068,082	300,000	400,000	400,000	400,000	400,000	2,050,000
Tax-Supported Bond	1,885,107	1,885,107	0	0	0	0	0	0
Transfer Tax	5,780,000	580,000	600,000	600,000	500,000	500,000	500,000	2,500,000
Federal Grant	1,000,000	0	1,000,000	0	0	0	0	0
Contributions	19,838	19,838	0	0	0	0	0	0
<b>Total Funding</b>	<b>14,703,027</b>	<b>4,553,027</b>	<b>1,900,000</b>	<b>1,000,000</b>	<b>900,000</b>	<b>900,000</b>	<b>900,000</b>	<b>4,550,000</b>

**Project Title**                      **Drainage Improvements at Various Locations**

**Project ID**                         DNG080

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        The project includes providing drainage repairs and improvements for smaller scale drainage issues. These projects typically involve coordination with the Highway Department.

**Project Assumptions**        It is anticipated the projects will mostly involve repairs and improvements to structures not on the County inventory (less than 6' span).

**Project Justification**        These projects are needed to correct drainage issues in County right of way.

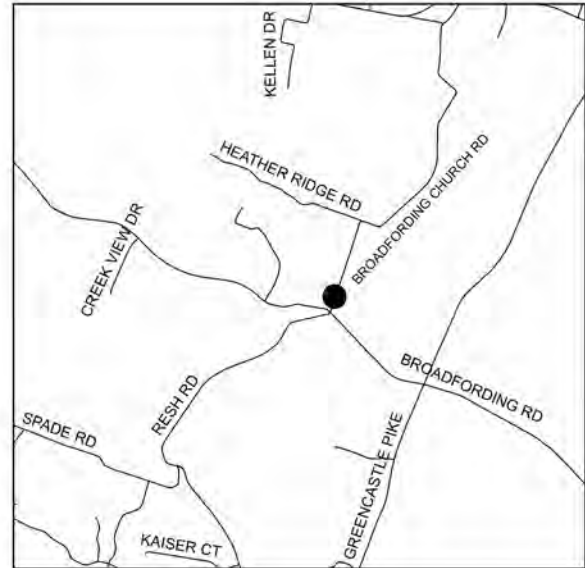
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	695,000	195,000	75,000	40,000	50,000	40,000	50,000	245,000
Inspection	40,000	15,000	0	5,000	0	5,000	0	15,000
Land Acquisition	40,000	15,000	0	5,000	0	5,000	0	15,000
<b>Total Cost</b>	<b>775,000</b>	<b>225,000</b>	<b>75,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>275,000</b>

<b>Funding Sources:</b>								
General Fund	700,000	150,000	75,000	50,000	50,000	50,000	50,000	275,000
Capital Reserve - General	75,000	75,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>775,000</b>	<b>225,000</b>	<b>75,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>275,000</b>

**Project Title** Broadfording Church Road  
Culvert

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 13500 block of Broadfording Church Road (ADC Map 9, Grid C-10). The project will replace a stone/concrete drainage structure and endwalls with a concrete pipe with concrete headwalls. The traffic barrier will be upgraded to improve safety.

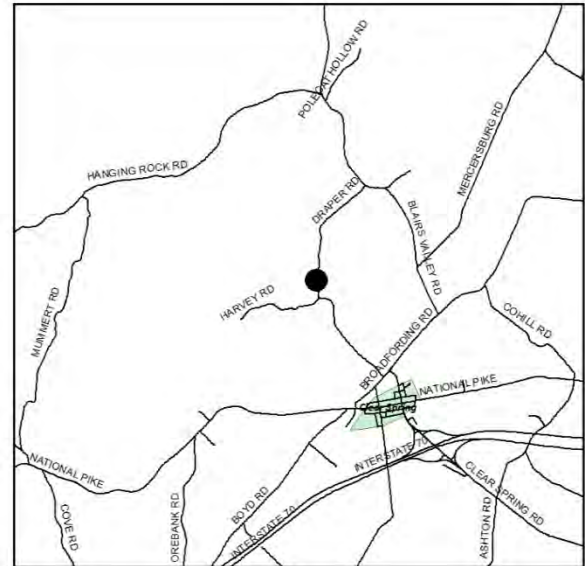
**Project Justification** The project is needed to replace a structure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	192,000	0	0	49,000	143,000	0	0	0
Inspection	31,000	0	0	0	31,000	0	0	0
Land Acquisition	5,000	0	0	5,000	0	0	0	0
Utilities	3,000	0	0	3,000	0	0	0	0
<b>Total Cost</b>	<b>231,000</b>	<b>0</b>	<b>0</b>	<b>57,000</b>	<b>174,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	231,000	0	0	57,000	174,000	0	0	0
<b>Total Funding</b>	<b>231,000</b>	<b>0</b>	<b>0</b>	<b>57,000</b>	<b>174,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Draper Road Drainage Improvements

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 13000 block of Draper Road (ADC Map 7, B-11). The project will replace existing drainage pipes and install a larger storm drain network that will correct road and property flooding problems.

**Project Justification** This project is needed to replace existing undersized and disconnected storm drainpipes with a larger storm drain and swale network to reduce flooding problems and road maintenance.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	425,000	0	0	0	0	0	219,000	206,000
Inspection	44,000	0	0	0	0	0	0	44,000
Land Acquisition	20,000	0	0	0	0	0	20,000	0
Utilities	20,000	0	0	0	0	0	20,000	0
<b>Total Cost</b>	<b>509,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>259,000</b>	<b>250,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	509,000	0	0	0	0	0	259,000	250,000
<b>Total Funding</b>	<b>509,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>259,000</b>	<b>250,000</b>

**Project Title**                    **Harpers Ferry Road Drainage,  
3600 Block**

**Full-time Employees**       0

**Operating Costs**             \$0



**Project Description**        This project is located in the 3600 block of Harpers Ferry Road at the intersection with Mills Road (ADC Map 34, C-7). The project will replace the existing corrugated metal pipes with larger concrete pipes to reduce flooding impacts in this area.

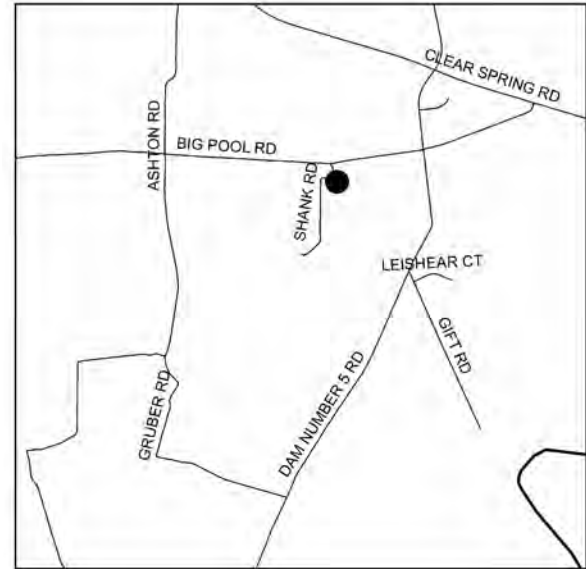
**Project Justification**        The project is needed to provide cost effective road maintenance in this area. The frequency of flooding impacts the delivery of public safety services in that area of the county.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	276,000	0	0	65,000	211,000	0	0	0
Inspection	38,000	0	0	0	38,000	0	0	0
Land Acquisition	10,000	0	0	10,000	0	0	0	0
Utilities	52,000	0	0	0	52,000	0	0	0
<b>Total Cost</b>	<b>376,000</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>301,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	376,000	0	0	75,000	301,000	0	0	0
<b>Total Funding</b>	<b>376,000</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>301,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Shank Road Drainage

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project is located near Big Pool Road in Clear Spring (ADC Map 18, G-7). The project will stabilize the stream bank and roadway embankment.

**Project Justification** The existing retaining wall is collapsing into the adjacent stream. Failure of the wall will cause properties to become inaccessible for emergency services and will cause more costly damage.

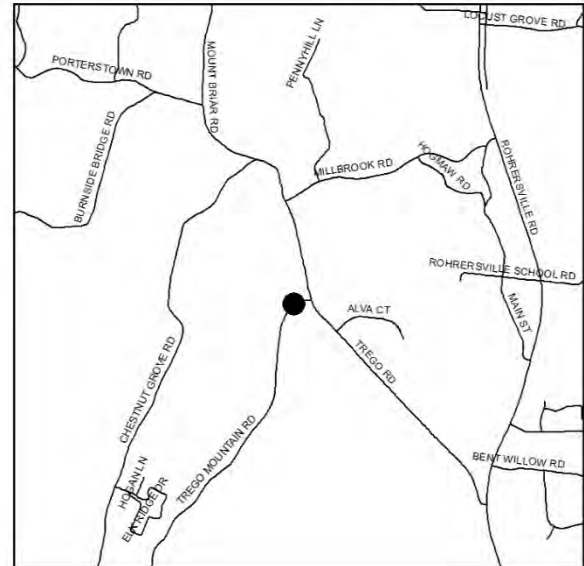
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	130,000	0	0	0	130,000	0	0	0
Inspection	21,000	0	0	0	21,000	0	0	0
Land Acquisition	2,000	0	0	0	2,000	0	0	0
<b>Total Cost</b>	<b>153,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>153,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	153,000	0	0	0	153,000	0	0	0
<b>Total Funding</b>	<b>153,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>153,000</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Project Title** Trego Mountain Road Drainage

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located on the 4200 block of Trego Mountain Road (ADC Map 34, K-4). The project will replace existing drainage pipes and install a larger storm drain network that will correct road and property flooding problems.

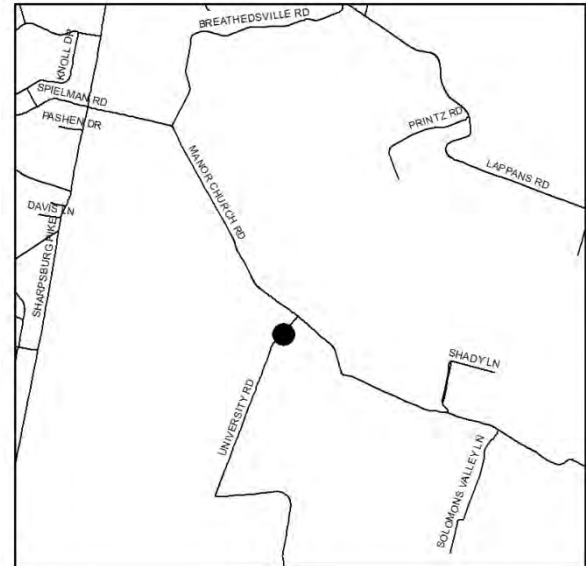
**Project Justification** The project is needed to replace existing undersized and disconnected storm drainpipes with a larger storm drain and swale network to reduce flooding problems and road maintenance.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	252,000	0	0	0	0	0	0	252,000
Inspection	33,000	0	0	0	0	0	0	33,000
Land Acquisition	10,000	0	0	0	0	0	0	10,000
Utilities	20,000	0	0	0	0	0	0	20,000
<b>Total Cost</b>	<b>315,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>315,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	315,000	0	0	0	0	0	0	315,000
<b>Total Funding</b>	<b>315,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>315,000</b>

**Project Title** University Road Culvert

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project is located in the 7600 block of University Road (ADC Map 26, D-13). The project will replace a metal drainage structure with a concrete box culvert with headwalls. Traffic barrier will be installed to improve safety.

**Project Justification** The project is needed to replace a structure that is near the end of its useful life.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	177,000	0	0	0	0	177,000	0	0
Inspection	21,000	0	0	0	0	21,000	0	0
Land Acquisition	5,000	0	0	0	0	5,000	0	0
<b>Total Cost</b>	<b>203,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>203,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	203,000	0	0	0	0	203,000	0	0
<b>Total Funding</b>	<b>203,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>203,000</b>	<b>0</b>	<b>0</b>

# Education

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## Education Capital Improvement Ten Year Summary Fiscal Year 2023 – 2032

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
Education									
Board of Education									
108	Capital Maintenance - BOE	162,673,224	15,653,224	14,036,000	13,776,000	13,916,000	15,008,000	13,888,000	76,396,000
109	Replacement Elementary School	36,320,000	0	0	0	1,500,000	16,000,000	16,020,000	2,800,000
Board of Education Total		198,993,224	15,653,224	14,036,000	13,776,000	15,416,000	31,008,000	29,908,000	79,196,000
Hagerstown Community College									
112	Second Entrance Drive Widening	6,979,000	0	5,939,000	1,040,000	0	0	0	0
113	ARCC Renovation	12,210,000	0	0	0	0	0	0	12,210,000
114	ATC Renovation	7,114,000	0	0	0	894,000	5,015,000	600,000	605,000
115	Campus Road & Parking Lot Overlays	1,000,000	0	0	0	0	0	0	1,000,000
116	Multi-Roof Project	1,500,000	0	500,000	0	500,000	0	500,000	0
Hagerstown Community College Total		28,803,000	0	6,439,000	1,040,000	1,394,000	5,015,000	1,100,000	13,815,000
Public Libraries									
118	Systemic Projects - Library	166,492	66,492	10,000	10,000	10,000	10,000	10,000	50,000
119	Williamsport Library Replacement	50,000	0	50,000	0	0	0	0	0
Public Libraries Total		216,492	66,492	60,000	10,000	10,000	10,000	10,000	50,000
TOTAL		228,012,716	15,719,716	20,535,000	14,826,000	16,820,000	36,033,000	31,018,000	93,061,000
Funding Sources									
General Fund		1,505,875	1,455,875	50,000	0	0	0	0	0
Tax-Supported Bond		47,594,841	4,564,841	4,655,000	4,655,000	4,215,000	4,215,000	4,215,000	21,075,000
Excise Tax - Schools		4,235,000	385,000	385,000	385,000	385,000	385,000	385,000	1,925,000
Excise Tax - Library		100,000	0	10,000	10,000	10,000	10,000	10,000	50,000
Capital Reserve - Transfer Tax		500,000	500,000	0	0	0	0	0	0
Capital Reserve - Excise Tax - Schools		500,000	500,000	0	0	0	0	0	0
State Grant		153,107,000	8,314,000	14,339,000	9,717,000	10,611,000	25,001,000	20,802,000	64,323,000
Contributions		20,470,000	0	1,096,000	59,000	1,599,000	6,422,000	5,606,000	5,688,000
TOTAL		228,012,716	15,719,716	20,535,000	14,826,000	16,820,000	36,033,000	31,018,000	93,061,000



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**Board of Education  
Capital Improvement Ten Year Summary  
Fiscal Year 2023 - 2032**

		Budget Year				Ten Year Capital Program			
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
108	Capital Maintenance - BOE	162,673,224	15,653,224	14,036,000	13,776,000	13,916,000	15,008,000	13,888,000	76,396,000
109	Replacement Elementary School	36,320,000	0	0	0	1,500,000	16,000,000	16,020,000	2,800,000
TOTAL		198,993,224	15,653,224	14,036,000	13,776,000	15,416,000	31,008,000	29,908,000	79,196,000
Funding Sources									
	General Fund	1,389,383	1,389,383	0	0	0	0	0	0
	Tax-Supported Bond	40,714,841	4,564,841	3,615,000	3,615,000	3,615,000	3,615,000	3,615,000	18,075,000
	Excise Tax - Schools	4,235,000	385,000	385,000	385,000	385,000	385,000	385,000	1,925,000
	Capital Reserve - Transfer Tax	500,000	500,000	0	0	0	0	0	0
	Capital Reserve - Excise Tax - Schools	500,000	500,000	0	0	0	0	0	0
	State Grant	132,099,000	8,314,000	9,850,000	9,717,000	9,817,000	20,586,000	20,302,000	53,513,000
	Contributions	19,555,000	0	186,000	59,000	1,599,000	6,422,000	5,606,000	5,683,000
TOTAL		198,993,224	15,653,224	14,036,000	13,776,000	15,416,000	31,008,000	29,908,000	79,196,000

**Project Title** Capital Maintenance - BOE**Project ID** SCH006**Full-time Employees** 0**Operating Costs** \$0

**Project Description** Projects vary depending on the conditions, safety, security, and utility requirements. The Comprehensive Maintenance Plan outlines specific projects over the next five years. Projects which qualify for State funding of 79% of construction costs are included here. Projects are targeted to reduce deferred maintenance.

**Project Assumptions** Funding is needed in FY23 to support the following projects: Roof replacements at Williamsport High School, Williamsport Elementary School, Smithsburg Middle School, boiler replacements at Hancock Middle/High School and Williamsport Elementary School, electrical distribution replacements at Williamsport High School, Emma K Doub Elementary School, and Boonsboro Middle School, and masonry work/window replacement at North Hagerstown High School.

**Project Justification** The projects consist of large dollar, long-lived systemic projects that qualify for State funding outside the operating budget.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	162,673,224	15,653,224	14,036,000	13,776,000	13,916,000	15,008,000	13,888,000	76,396,000
<b>Total Cost</b>	<b>162,673,224</b>	<b>15,653,224</b>	<b>14,036,000</b>	<b>13,776,000</b>	<b>13,916,000</b>	<b>15,008,000</b>	<b>13,888,000</b>	<b>76,396,000</b>

<b>Funding Sources:</b>								
General Fund	1,389,383	1,389,383	0	0	0	0	0	0
Tax-Supported Bond	36,369,841	4,564,841	3,615,000	3,615,000	2,500,000	2,000,000	2,000,000	18,075,000
Excise Tax - Schools	3,080,000	385,000	385,000	385,000	0	0	0	1,925,000
Capital Reserve - Transfer Tax	500,000	500,000	0	0	0	0	0	0
Capital Reserve - Excise Tax - Schools	500,000	500,000	0	0	0	0	0	0
State Grant	108,793,000	8,314,000	9,850,000	9,717,000	9,817,000	10,586,000	9,796,000	50,713,000
Contributions	12,041,000	0	186,000	59,000	1,599,000	2,422,000	2,092,000	5,683,000
<b>Total Funding</b>	<b>162,673,224</b>	<b>15,653,224</b>	<b>14,036,000</b>	<b>13,776,000</b>	<b>13,916,000</b>	<b>15,008,000</b>	<b>13,888,000</b>	<b>76,396,000</b>

**Project Title** Replacement Elementary School

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** Replaces one or more current elementary schools

**Project Assumptions** Project site to be determined.

**Project Justification** Many of our elementary schools are old and beyond the normal expected service life. Modernization of the facilities would save energy and provide current standards for the best education experience for the students.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Architect Fees	2,118,000	0	0	0	1,200,000	768,000	150,000	0
Construction	32,432,000	0	0	0	300,000	15,232,000	15,200,000	1,700,000
Equipment/Furniture	1,770,000	0	0	0	0	0	670,000	1,100,000
<b>Total Cost</b>	<b>36,320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>16,000,000</b>	<b>16,020,000</b>	<b>2,800,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	4,345,000	0	0	0	1,115,000	1,615,000	1,615,000	0
Excise Tax - Schools	1,155,000	0	0	0	385,000	385,000	385,000	0
State Grant	23,306,000	0	0	0	0	10,000,000	10,506,000	2,800,000
Contributions	7,514,000	0	0	0	0	4,000,000	3,514,000	0
<b>Total Funding</b>	<b>36,320,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>16,000,000</b>	<b>16,020,000</b>	<b>2,800,000</b>





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## Hagerstown Community College Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

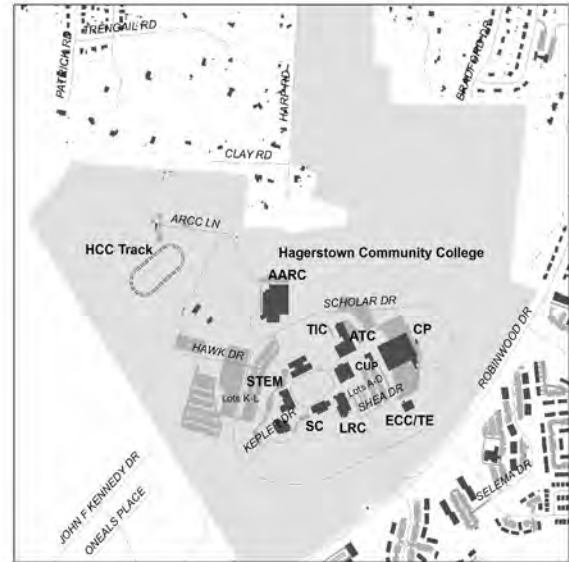
		Budget Year			Ten Year Capital Program			
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs</b>								
112 Second Entrance Drive Widening	6,979,000	0	5,939,000	1,040,000	0	0	0	0
113 ARCC Renovation	12,210,000	0	0	0	0	0	0	12,210,000
114 ATC Renovation	7,114,000	0	0	0	894,000	5,015,000	600,000	605,000
115 Campus Road & Parking Lot Overlays	1,000,000	0	0	0	0	0	0	1,000,000
116 Multi-Roof Project	1,500,000	0	500,000	0	500,000	0	500,000	0
<b>TOTAL</b>	<b>28,803,000</b>	<b>0</b>	<b>6,439,000</b>	<b>1,040,000</b>	<b>1,394,000</b>	<b>5,015,000</b>	<b>1,100,000</b>	<b>13,815,000</b>
<b>Funding Sources</b>								
Tax-Supported Bond	6,880,000	0	1,040,000	1,040,000	600,000	600,000	600,000	3,000,000
State Grant	21,008,000	0	4,489,000	0	794,000	4,415,000	500,000	10,810,000
Contributions	915,000	0	910,000	0	0	0	0	5,000
<b>TOTAL</b>	<b>28,803,000</b>	<b>0</b>	<b>6,439,000</b>	<b>1,040,000</b>	<b>1,394,000</b>	<b>5,015,000</b>	<b>1,100,000</b>	<b>13,815,000</b>

**Project Title** Second Entrance Drive Widening Project

**Project ID** COL030

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** With more traffic using the second entrance, due to the new bridge from Eastern Boulevard, the College is trying to improve pedestrian safety. The project consists of improving the roadway from Yale Drive by creating a traffic circle at the second entrance to the campus located at the top of the ridge west of the Amphitheater. Scholar Drive (west side) will intersect with the circle by relocating it behind Parking Lot 1. The east part of Scholar Drive will be located behind the ARCC. By relocating the road from in front of the ARCC to behind the building it will allow for better access to the building and allow direct access to the athletic fields. Also, the project calls for updated signage across campus that will allow for visitors as well as students to navigate their way on our campus.

**Project Assumptions** The project assumes approximately 65% funding from the State and 35% funding from the County.

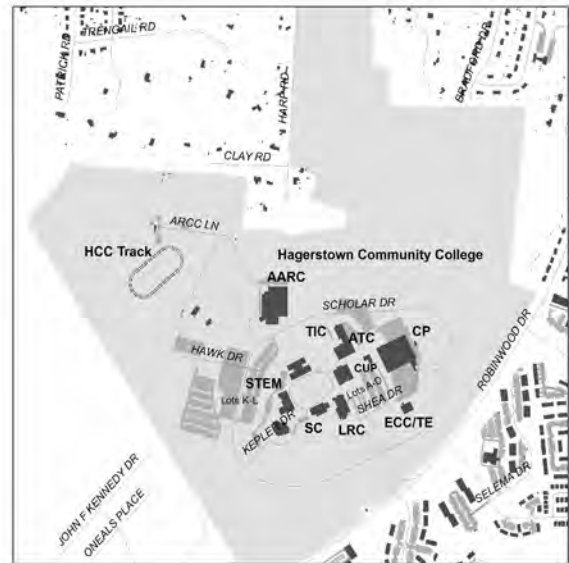
**Project Justification** This project is very important from a safety standpoint. With many large events held on campus it is imperative that the college have two proper entrances and exits in the event of an emergency. The current configuration creates an unsafe situation for just regular and moderate traffic.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Architect Fees	399,000	0	399,000	0	0	0	0	0
Construction	6,580,000	0	5,540,000	1,040,000	0	0	0	0
<b>Total Cost</b>	<b>6,979,000</b>	<b>0</b>	<b>5,939,000</b>	<b>1,040,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	2,080,000	0	1,040,000	1,040,000	0	0	0	0
State Grant	3,988,000	0	3,989,000	0	0	0	0	0
Contributions	910,000	0	910,000	0	0	0	0	0
<b>Total Funding</b>	<b>6,978,000</b>	<b>0</b>	<b>5,939,000</b>	<b>1,040,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** ARCC Renovation

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project will update the Athletic Recreation and Community Center (ARCC) and athletic fields. The renovation in the arena will consist of new bleachers, flooring, painting. Other areas of the ARCC will be updating the lobby, locker rooms, restrooms, offices, and classrooms. Ballfields will get makeover and the softball field will be relocated. The track will be resurfaced and updated along with the interior where soccer and track meets are held. The outdoor restrooms and storage along with the press box will be updated and modernized.

**Project Assumptions** The project assumes approximately 65% funding from the State and 35% funding from the County.

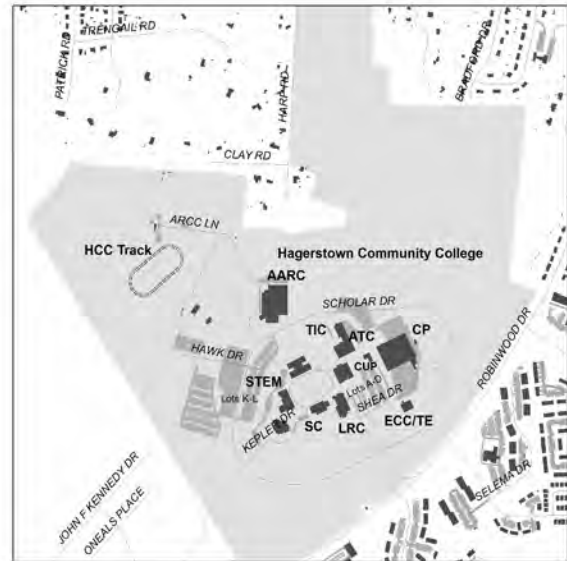
**Project Justification** Building and fields are old and in need of repair.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Architect Fees	1,125,000	0	0	0	0	0	0	1,125,000
Construction	10,874,000	0	0	0	0	0	0	10,874,000
Equipment/Furniture	161,000	0	0	0	0	0	0	161,000
Other	50,000	0	0	0	0	0	0	50,000
<b>Total Cost</b>	<b>12,210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,210,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	2,400,000	0	0	0	0	0	0	2,400,000
State Grant	9,810,000	0	0	0	0	0	0	9,810,000
<b>Total Funding</b>	<b>12,210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,210,000</b>

**Project Title** ATC Renovation

**Full-time Employees** 0

**Operating Costs** \$2,000

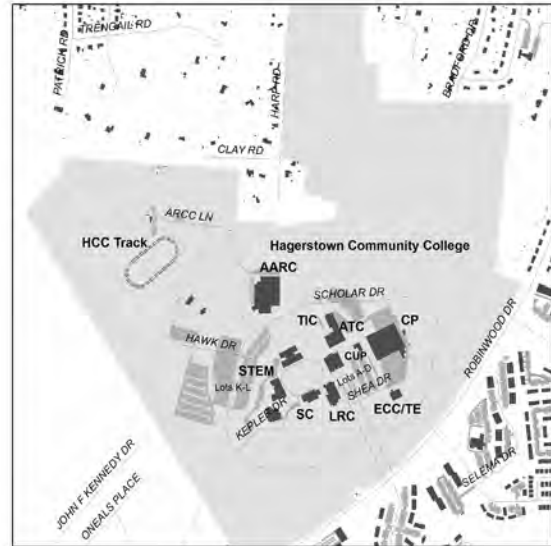


**Project Description** This renovation project of the 30,786 GSF Advanced Technology Center (ATC) will consist of renovating and configuring the building for use of offices, classrooms and labs. The project will include upgrades to the HVAC system; reconfiguring the classroom core on the first floor of the building for a more efficient layout and use; improving lighting and the classrooms and labs on the second floor of the building; and a general updating of the interior finishes. Security will also be improved with addition of the secure room access and security cameras. Also included will be updating the bridge that connects the ATC and the CBES Buildings.

**Project Assumptions** State share approximately 64.5%.

**Project Justification** The last time the LRC had a major renovation was in 1989 and is the last building on campus to be renovated. If the building is to attract students for advanced technology, it will need to be updated. Currently it is outdated and not very welcoming.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Architect Fees	450,000	0	0	0	450,000	0	0	0
Construction	6,000,000	0	0	0	444,000	5,015,000	541,000	0
Equipment/Furniture	664,000	0	0	0	0	0	59,000	605,000
<b>Total Cost</b>	<b>7,114,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>894,000</b>	<b>5,015,000</b>	<b>600,000</b>	<b>605,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	2,400,000	0	0	0	600,000	600,000	600,000	600,000
State Grant	4,709,000	0	0	0	294,000	4,415,000	0	0
Contributions	5,000	0	0	0	0	0	0	5,000
<b>Total Funding</b>	<b>7,114,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>894,000</b>	<b>5,015,000</b>	<b>600,000</b>	<b>605,000</b>

**Project Title** Campus Roads and Parking Lot Overlays**Full-time Employees** 0**Operating Costs** \$0

**Project Description** The roads and parking lots around campus are showing signs of deterioration due to high traffic, construction and snow removal. The project will consist of resurfacing of the roads around campus and parking lots. The roads included in this project are Loop Road, Hawk Drive, Quad and Kepler Drive. Some of these roads will require a fill rebuild. Parking lots in this project that need resurfaced are A, B, C, D, L and K.

**Project Assumptions** State share approximately 61.8%.

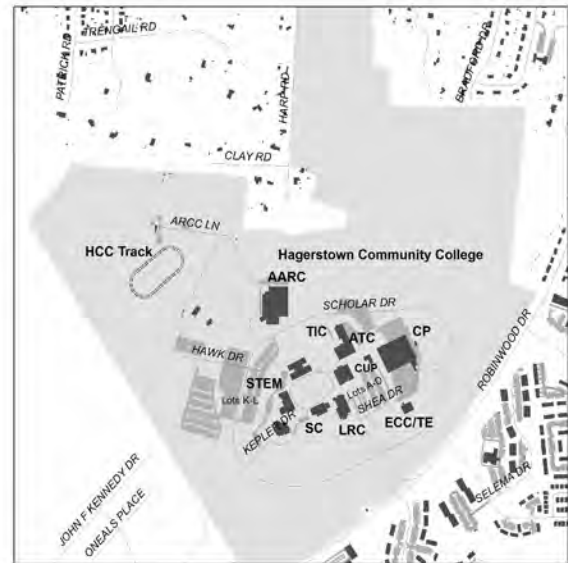
**Project Justification** This project is vital to the upkeep of the roads on campus as they continue to age and deteriorate. Repairing roadways and parking lots is costly and time consuming. If the project is not funded, the College may need to limit traffic on the east side of campus because the poor condition of the asphalt may jeopardize the tires, wheel alignments and undercarriages of vehicles. A new entrance is planned on the east side of campus that will add an influx of cars onto these parking lots and roads, thereby causing additional wear and damage. Student, employee and community dissatisfaction will occur as the poor condition of roads may cause vehicle damage.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,000,000	0	0	0	0	0	0	1,000,000
<b>Total Cost</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Funding Sources:</b>								
State Grant	1,000,000	0	0	0	0	0	0	1,000,000
<b>Total Funding</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Project Title** Multi-Roof Project

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The College has several roof replacement projects that include the Amphitheater, Kepler Theater facility, Learning Resource Center (LRC), Central plant, Learning Support Center (LSC), Administration and Student Affairs Building (ASA). Most show signs of age and are beginning to have recurring problems, which HCC's Maintenance Department addresses as necessary. The roofs listed below will be over twenty years old and past their useful life by the anticipated project year: 1. Kepler Theater (original building) - Build-up asphalt roof, last replaced in 2004, 2. Student Center (original building) - Built-up asphalt roof, last replaced in 2002, 3. Central Plant - modified bituminous membrane roof, last replaced in 2005, 4. Learning Support Center - Membrane roof, last replaced in 2005, 5. Administration and Student Affairs Building (ASA) - Built-up asphalt roof, last replaced in 2004, 6. Center for Business and Entrepreneurial Studies Wet-Lab Addition - TPO roof, last replaced 2008.

**Project Assumptions** Assumes State share approximately 65%.

**Project Justification** Without this project, HCC will continue to make costly repairs to roofs that exceed their lifespan of 20 years with expired warranties. Water damage to floors, ceilings, infrastructure, and equipment, as well as the cost of repairs, will continue to grow.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,500,000	0	500,000	0	500,000	0	500,000	0
<b>Total Cost</b>	<b>1,500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>
<b>Funding Sources:</b>								
State Grant	1,500,000	0	500,000	0	500,000	0	500,000	0
<b>Total Funding</b>	<b>1,500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>

**Public Libraries**  
**Capital Improvement Ten Year Summary**  
**Fiscal Year 2023 - 2032**

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
118	Systemic Projects - Library	166,492	66,492	10,000	10,000	10,000	10,000	10,000	50,000
119	Williamsport Library Replacement	50,000	0	50,000	0	0	0	0	0
<b>TOTAL</b>		<b>216,492</b>	<b>66,492</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>
Funding Sources									
General Fund		116,492	66,492	50,000	0	0	0	0	0
Excise Tax - Library		100,000	0	10,000	10,000	10,000	10,000	10,000	50,000
<b>TOTAL</b>		<b>216,492</b>	<b>66,492</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>



**Project Title** Systemic Projects - Library

**Project ID** BLD075

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** This project provides for systemic projects including, but not limited to, chillers, boilers, rooftop HVAC units, cooling towers, and roof replacements.

**Project Justification** Periodic upgrades and/or replacements are required to maintain the functionality of library facilities.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	166,492	66,492	10,000	10,000	10,000	10,000	10,000	50,000
<b>Total Cost</b>	<b>166,492</b>	<b>66,492</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>
<b>Funding Sources:</b>								
General Fund	66,492	66,492	0	0	0	0	0	0
Excise Tax - Library	100,000	0	10,000	10,000	10,000	10,000	10,000	50,000
<b>Total Funding</b>	<b>166,492</b>	<b>66,492</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>50,000</b>

**Project Title** Williamsport Library Replacement

**Project ID** BLD110

**Full-time Employees** 3

**Operating Costs** \$102,000

**Project Description** The project will construct a new 25,000 sq. ft. library to serve the town of Williamsport and surrounding area.

**Project Assumptions** \$50,000 provided for a feasibility study.

**Project Justification** The current town owned building is over 80 years old and is totally inadequate for 21st century library services. The addition was built in 1979. All systems are inadequate. The electrical does not meet needs for 21st century technology. The HVAC and plumbing are in constant need of repair. There are mold issues in the lower level. Paint is peeling and indoor air quality is poor. The building is not ADA compliant. There is no designated parking. Town cannot afford to keep the building in good repair. Multiple security issues. Not enough space for materials and programming. This library is a community memorial which the new facility should perpetuate.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Other	50,000	0	50,000	0	0	0	0	0
<b>Total Cost</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	50,000	0	50,000	0	0	0	0	0
<b>Total Funding</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



# General Government

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## General Government Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

		Budget Year			Ten Year Capital Program			
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Page Project Costs</b>								
122 Cost of Bond Issuance	853,615	53,615	80,000	80,000	80,000	80,000	80,000	400,000
123 Systemic Improvements - Building	6,097,822	1,183,822	500,000	425,000	750,000	750,000	750,000	1,739,000
124 Facilities Roof Repairs	2,175,000	1,450,000	50,000	100,000	50,000	50,000	100,000	375,000
125 Equipment and Vehicle Wash Facility	325,000	0	75,000	250,000	0	0	0	0
126 Information Systems Replacement Program	1,186,318	186,318	100,000	100,000	100,000	100,000	100,000	500,000
127 Financial System Management & Upgrades	260,029	94,029	31,000	15,000	15,000	15,000	15,000	75,000
128 County Wireless Infrastructure	69,122	12,122	17,000	20,000	20,000	0	0	0
129 General - Equipment and Vehicle Replacement Program	1,866,765	766,765	200,000	100,000	100,000	100,000	100,000	500,000
130 Courthouse Courtroom 1 Renovation	1,150,000	0	0	0	0	0	0	1,150,000
<b>TOTAL</b>	<b>13,983,671</b>	<b>3,746,671</b>	<b>1,053,000</b>	<b>1,090,000</b>	<b>1,115,000</b>	<b>1,095,000</b>	<b>1,145,000</b>	<b>4,739,000</b>
<b>Funding Sources</b>								
General Fund	12,037,769	3,488,769	1,053,000	735,000	1,115,000	1,095,000	962,000	3,589,000
Tax-Supported Bond	1,250,000	100,000	0	0	0	0	0	1,150,000
Transfer Tax	538,000	0	0	355,000	0	0	183,000	0
Capital Reserve - General	141,652	141,652	0	0	0	0	0	0
Contributions	16,250	16,250	0	0	0	0	0	0
<b>TOTAL</b>	<b>13,983,671</b>	<b>3,746,671</b>	<b>1,053,000</b>	<b>1,090,000</b>	<b>1,115,000</b>	<b>1,095,000</b>	<b>1,145,000</b>	<b>4,739,000</b>

**Project Title**      **Bond Issuance Costs****Project ID**      ADM001**Full-time Employees**      0**Operating Costs**      \$0

**Project Description**      This project is for costs associated with the sale of bonds. The costs include fees for printing, financial advisor, bond counsel, discounts, and rating agency fees.

**Project Justification**      Bond issuance is required to finance the capital improvement plan.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Bond issuance	853,615	53,615	80,000	80,000	80,000	80,000	80,000	400,000
<b>Total Cost</b>	<b>853,615</b>	<b>53,615</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>400,000</b>
<b>Funding Sources:</b>								
General Fund	853,615	53,615	80,000	80,000	80,000	80,000	80,000	400,000
<b>Total Funding</b>	<b>853,615</b>	<b>53,615</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>400,000</b>

**Project Title**                      **Systemic Improvements-Buildings**

**Project ID**                        BLD078

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        This project includes a variety of upgrades and/or replacements including, but not limited to, air conditioning, weatherproofing, roofing and other building improvements.

**Project Assumptions**       Pending general fund monies availability.

**Project Justification**        Renovations are required to maintain the functionality of the buildings.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	6,097,822	1,183,822	500,000	425,000	750,000	750,000	750,000	1,739,000
<b>Total Cost</b>	<b>6,097,822</b>	<b>1,183,822</b>	<b>500,000</b>	<b>425,000</b>	<b>750,000</b>	<b>750,000</b>	<b>750,000</b>	<b>1,739,000</b>
<b>Funding Sources:</b>								
General Fund	5,793,572	1,167,572	500,000	320,000	750,000	750,000	567,000	1,739,000
Transfer Tax	288,000	0	0	105,000	0	0	183,000	0
Contributions	16,250	16,250	0	0	0	0	0	0
<b>Total Funding</b>	<b>6,097,822</b>	<b>1,183,822</b>	<b>500,000</b>	<b>425,000</b>	<b>750,000</b>	<b>750,000</b>	<b>750,000</b>	<b>1,739,000</b>

**Project Title**                      **Facilities Roof Repairs**

**Project ID**                        BLD100

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        Project includes roof repairs/replacement on County owned buildings.

**Project Assumptions**       Pending general fund.

**Project Justification**        Funding necessary to maintain integrity of County buildings.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	2,175,000	1,450,000	50,000	100,000	50,000	50,000	100,000	375,000
<b>Total Cost</b>	<b>2,175,000</b>	<b>1,450,000</b>	<b>50,000</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>100,000</b>	<b>375,000</b>
<b>Funding Sources:</b>								
General Fund	2,075,000	1,350,000	50,000	100,000	50,000	50,000	100,000	375,000
Tax-Supported Bond	100,000	100,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>2,175,000</b>	<b>1,450,000</b>	<b>50,000</b>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>100,000</b>	<b>375,000</b>



**Project Title**                      **Equipment and Vehicle Wash Facility**

**Project ID**                              BLD111

**Full-time Employees**              0

**Operating Costs**                    \$20,000

**Project Description**              Construct a central County vehicle and equipment wash facility.

**Project Assumptions**            Conduct a site location study and then construct a primary wash facility and address individual site needs based on location to primary facility.

**Project Justification**            All County facilities with Stormwater Pollution Prevention Plans to be compliant with EPA environmental permit requirements must have self-contained wash facilities or clean at an approved offsite location.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	250,000	0	0	250,000	0	0	0	0
Engineering and Design	75,000	0	75,000	0	0	0	0	0
<b>Total Cost</b>	<b>325,000</b>	<b>0</b>	<b>75,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	75,000	0	75,000	0	0	0	0	0
Transfer Tax	250,000	0	0	250,000	0	0	0	0
<b>Total Funding</b>	<b>325,000</b>	<b>0</b>	<b>75,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Information Systems Replacement Program**Project ID** COM011**Full-time Employees** 0**Operating Costs** \$0

**Project Description** The Information System Replacement Program focuses on the investment in infrastructure hardware and software that provide the foundation on which the business and enterprise systems reside. The Information Technology area currently maintains more than 40 business applications and additionally includes the County's telecommunications (telephone) system.

**Project Assumptions** The systems and software serve the departments and typically reach the end of their useful life-expectancy between 3 and 8 years, at which point the systems become increasingly costly to maintain and difficult to exchange information with other systems. Priorities for determining which applications to replace first are driven by age, criticality of the system to operations, and availability of ongoing support from the applications vendor.

**Project Justification** The goal of the Information Systems Replacement Program is to keep the County's existing business systems refreshed or replaced on a reasonably expected system life-cycle so the systems remain useful, operable, and responsive to business needs.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Hardware/Software	1,186,318	186,318	100,000	100,000	100,000	100,000	100,000	500,000
<b>Total Cost</b>	<b>1,186,318</b>	<b>186,318</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>500,000</b>
<b>Funding Sources:</b>								
General Fund	1,100,000	100,000	100,000	100,000	100,000	100,000	100,000	500,000
Capital Reserve - General	86,318	86,318	0	0	0	0	0	0
<b>Total Funding</b>	<b>1,186,318</b>	<b>186,318</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>500,000</b>

**Project Title** Financial System Management & Upgrades

**Project ID** COM019

**Full-time Employees** 0

**Operating Costs** \$20,000

**Project Description** Integrated financial system (general ledger, human resources, payroll, financial, purchasing, utility, and budget) is used for county-wide operations to process all financials, human resource, payroll, and purchasing functions for the County.

**Project Justification** Provides for more efficient use of time and money as systems, employees, and financial management expand to meet demands in the future.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Hardware/Software	260,029	94,029	31,000	15,000	15,000	15,000	15,000	75,000
<b>Total Cost</b>	<b>260,029</b>	<b>94,029</b>	<b>31,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>75,000</b>
<b>Funding Sources:</b>								
General Fund	260,029	94,029	31,000	15,000	15,000	15,000	15,000	75,000
<b>Total Funding</b>	<b>260,029</b>	<b>94,029</b>	<b>31,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>75,000</b>

**Project Title** County Wireless Infrastructure

**Project ID** COM021

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The Washington County Broadband Wireless Network Infrastructure System provides fixed broadband (high speed) primary and redundant connectivity for County facilities (i.e., WTP; WwTP, and Pump Station) to network services and a resilient and redundant pathway for the County's fiber network infrastructure. Additionally, this system is available to County divisions and departments and the Washington County Public Network (WCPN) partners that include agencies such as the Washington County Public Schools, Washington County Free Library, 911 Emergency Services, Sheriff's Department, City of Hagerstown Police Department and other City departments and agencies.

**Project Assumptions** Wireless communication technology typically reaches the end of their useful life-expectancy between 5 and 8 years, at which point the systems become increasingly costly to maintain and difficult to find acceptable replacement technology that meet or exceed bandwidth needs.

**Project Justification** The goal of the Washington County Broadband Wireless Network Infrastructure System is to provide for the efficient and cost-effective communication between the sixty (60) plus Environmental Management remote facilities (SCADA) and to provide for a resilient and redundant pathway for the County's fiber network infrastructure.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Hardware/Software	69,122	12,122	17,000	20,000	20,000	0	0	0
<b>Total Cost</b>	<b>69,122</b>	<b>12,122</b>	<b>17,000</b>	<b>20,000</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	69,122	12,122	17,000	20,000	20,000	0	0	0
<b>Total Funding</b>	<b>69,122</b>	<b>12,122</b>	<b>17,000</b>	<b>20,000</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** General - Equipment and Vehicle Replacement Program

**Project ID** VEH008

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** This project will serve to replace heavy equipment and vehicles that are beyond their useful life, which are typically the costliest to maintain. In line with the objectives of a well-managed organization, the County wants to establish an equipment and fleet replacement program that will, in time, set the vehicle and equipment replacement cycle in line with best practices, minimizing operating and maintenance costs.

**Project Assumptions** Judicial - 10300 - LiveScan Fingerprint Machine - \$18,130  
 Detention Center - 11320 - LiveScan Fingerprint Machine - \$17,440  
 Wireless Communications - 11540 - 1/2 Ton Pick-Up Truck - \$50,000  
 Buildings, Grounds & Facilities - 11910 - State Body Truck - \$85,000  
 Stormwater Management - 40050 - Mid-Size SUV - \$26,500

**Project Justification** The goal of the replacement program is to strike a balance for minimizing replacement costs versus maintenance and fuel costs. The program allows for the purchase of replacement vehicles and equipment used to provide County-wide services within Washington County. The County's equipment and vehicle inventory consists of approximately 2,300 items.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Hardware/Software	83,631	83,631	0	0	0	0	0	0
Vehicles	1,783,134	683,134	200,000	100,000	100,000	100,000	100,000	500,000
<b>Total Cost</b>	<b>1,866,765</b>	<b>766,765</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>500,000</b>
<b>Funding Sources:</b>								
General Fund	1,796,431	696,431	200,000	100,000	100,000	100,000	100,000	500,000
Capital Reserve - General	70,334	70,334	0	0	0	0	0	0
<b>Total Funding</b>	<b>1,866,765</b>	<b>766,765</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>500,000</b>

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Project Costs:								
Architect Fees	100,000	0	0	0	0	0	0	100,000
Construction	900,000	0	0	0	0	0	0	900,000
Equipment/Furniture	100,000	0	0	0	0	0	0	100,000
Inspection	50,000	0	0	0	0	0	0	50,000
Total Cost	1,150,000	0	0	0	0	0	0	1,150,000
Funding Sources:								
Tax-Supported Bond	1,150,000	0	0	0	0	0	0	1,150,000
Total Funding	1,150,000	0	0	0	0	0	0	1,150,000

# Parks & Recreation

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## Parks & Recreation Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
132	Black Rock Capital Equipment Program	359,618	29,618	25,000	25,000	100,000	25,000	25,000	130,000
133	Agriculture Education Center Indoor Multipurpose Building	4,750,000	0	4,050,000	450,000	250,000	0	0	0
134	Hardcourt Playing Surfaces	342,890	105,890	126,000	0	15,000	15,000	6,000	75,000
135	Ag Center Land Development	198,000	98,000	100,000	0	0	0	0	0
136	Park Land Acquisition - REC033	593,800	193,800	400,000	0	0	0	0	0
137	Park Equipment/Surfacing Replacement, Various Locations	1,969,674	934,674	160,000	0	175,000	0	0	700,000
138	Parking Lot Repair/Overlay, Various Locations	475,896	75,896	0	0	50,000	50,000	50,000	250,000
139	Antietam Creek Water Trail	362,000	192,000	50,000	50,000	15,000	55,000	0	0
140	County Parks - Bathroom/Drinking Fountain Upgrades	435,000	185,000	50,000	0	50,000	0	50,000	100,000
141	MLK Gymnasium Upgrade	1,700,000	200,000	1,500,000	0	0	0	0	0
142	Roof Replacements Various Locations	362,500	187,500	25,000	0	25,000	0	0	125,000
143	Field Improvements at Marty Snook and Regional Parks	125,000	0	125,000	0	0	0	0	0
144	Ag Center Show Area Floor	50,000	0	0	50,000	0	0	0	0
145	Black Rock Bunker Rehabilitation	250,000	0	0	0	0	250,000	0	0
146	Conococheague Creek Water Trail	310,000	0	0	0	0	10,000	180,000	120,000
147	Doubs Woods Disc Golf	50,000	0	0	0	0	0	0	50,000
148	Kemps Mill Park Trails	100,000	0	0	100,000	0	0	0	0
149	Marty Snook Park Fitness Trail	300,000	0	0	0	0	300,000	0	0
150	Marty Snook Park Pool Accessible Entrance	150,000	0	0	0	0	150,000	0	0
151	Mt. Briar Wetland Preserve Trails and Conservation Area	100,000	0	0	100,000	0	0	0	0
152	North Central County Park	2,000,000	0	0	0	100,000	100,000	300,000	1,500,000
153	Park Entrances and Security Upgrades	200,000	0	0	0	0	100,000	100,000	0
154	Pen Mar-Fort Ritchie-Cascade Trail Connection	290,000	0	0	50,000	120,000	0	0	120,000
155	Recreational Field Bleachers	100,000	0	0	100,000	0	0	0	0
156	Regional Park Dog Park	75,000	0	0	75,000	0	0	0	0
TOTAL		15,649,378	2,202,378	6,611,000	1,000,000	900,000	1,055,000	711,000	3,170,000
Funding Sources									
	General Fund	2,526,915	263,915	184,000	167,000	285,000	355,000	209,000	1,063,000
	Capital Reserve - General	557,000	7,000	550,000	0	0	0	0	0
	Federal Grant	5,556,000	74,000	5,000,000	80,000	96,000	150,000	0	156,000
	State Grant	6,659,463	1,757,463	877,000	503,000	519,000	550,000	502,000	1,951,000
	Contributions	350,000	100,000	0	250,000	0	0	0	0
TOTAL		15,649,378	2,202,378	6,611,000	1,000,000	900,000	1,055,000	711,000	3,170,000



**Project Title** Black Rock Capital Equipment Replacement Program

**Project ID** EQP053

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The program allows for the purchase of replacement equipment used for services directly related to Black Rock Golf Course.

**Project Justification** The goal of the replacement program is to balance replacement costs versus maintenance costs. In line with the objectives of a well-managed organization, Black Rock Golf Course strives to establish an equipment replacement program that will set the equipment replacement cycle in line with best practices, minimizing maintenance costs.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	359,618	29,618	25,000	25,000	100,000	25,000	25,000	130,000
<b>Total Cost</b>	<b>359,618</b>	<b>29,618</b>	<b>25,000</b>	<b>25,000</b>	<b>100,000</b>	<b>25,000</b>	<b>25,000</b>	<b>130,000</b>
<b>Funding Sources:</b>								
General Fund	359,618	29,618	25,000	25,000	100,000	25,000	25,000	130,000
<b>Total Funding</b>	<b>359,618</b>	<b>29,618</b>	<b>25,000</b>	<b>25,000</b>	<b>100,000</b>	<b>25,000</b>	<b>25,000</b>	<b>130,000</b>

**Project Title**                    **Agriculture Education Center  
Indoor multipurpose building**

**Project ID**                        BLD112

**Full-time Employees**        1

**Operating Costs**               \$55,000



**Project Description**        Approximately a 36,000 - 40,000 square foot multipurpose building capable of hosting various special events, livestock shows, recreational activities. Anticipated to serve as a primary emergency response site, storage and/or shelter facility. Located to the north of the kennel building.

**Project Assumptions**        Project assumes ARPA and POS funding.

**Project Justification**        Countywide there is limited access to indoor and flexible space for emergency response use, recreational activities. Ag Center year-round use is limited by a lack of indoor facilities. Building would support year-round use and rentals at the facility.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	3,620,000	0	3,450,000	70,000	100,000	0	0	0
Engineering and Design	300,000	0	300,000	0	0	0	0	0
Equipment/Furniture	150,000	0	0	0	150,000	0	0	0
Inspection	80,000	0	0	80,000	0	0	0	0
Utilities	600,000	0	300,000	300,000	0	0	0	0
<b>Total Cost</b>	<b>4,750,000</b>	<b>0</b>	<b>4,050,000</b>	<b>450,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Capital Reserve - General	550,000	0	550,000	0	0	0	0	0
Federal Grant	3,500,000	0	3,500,000	0	0	0	0	0
State Grant	450,000	0	0	200,000	250,000	0	0	0
Contributions	250,000	0	0	250,000	0	0	0	0
<b>Total Funding</b>	<b>4,750,000</b>	<b>0</b>	<b>4,050,000</b>	<b>450,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Hardcourt Playing Surfaces**

**Project ID**                         LDI046

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        The project consists of installing, repairing, cleaning, crack sealing, repainting and striping, and general maintenance of multiple courts over several years.

**Project Assumptions**        General fund monies or grants other than POS are needed to perform court work and maintenance. These projects are not POS eligible.

**Project Justification**        Courts are in need of ongoing maintenance and resurfacing. Resurfacing should be done every 5 to 8 years to keep the elements from getting into the subbase and creating more damage. This will be an ongoing project.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	342,890	105,890	126,000	0	15,000	15,000	6,000	75,000
<b>Total Cost</b>	<b>342,890</b>	<b>105,890</b>	<b>126,000</b>	<b>0</b>	<b>15,000</b>	<b>15,000</b>	<b>6,000</b>	<b>75,000</b>
<b>Funding Sources:</b>								
General Fund	229,890	105,890	13,000	0	15,000	15,000	6,000	75,000
State Grant	113,000	0	113,000	0	0	0	0	0
<b>Total Funding</b>	<b>342,890</b>	<b>105,890</b>	<b>126,000</b>	<b>0</b>	<b>15,000</b>	<b>15,000</b>	<b>6,000</b>	<b>75,000</b>

**Project Title** Ag Center Land Acquisition Development

**Project ID** LDI057

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project will develop the site to accommodate construction of the Equestrian Center, vendor space and overflow parking. The project will include design plans, storm water improvements, and installation of water, sewer and electric.

**Project Assumptions** Pending POS Approval.

**Project Justification** The property was acquired to allow for future expansion and parking.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	151,000	51,000	100,000	0	0	0	0	0
Other	47,000	47,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>198,000</b>	<b>98,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	55,000	5,000	50,000	0	0	0	0	0
State Grant	143,000	93,000	50,000	0	0	0	0	0
<b>Total Funding</b>	<b>198,000</b>	<b>98,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**      **Park Land Acquisition****Project ID**      REC033**Full-time Employees**      0**Operating Costs**      \$0

**Project Description**      The project is used to build funds to be utilized for future acquisition of additional park and open space resource lands. Due to the increased need for additional park lands and requirements from the State to expand open space within the County as a condition for receiving Program Open Space development funds, the County must acquire property. Acquisition opportunities normally present themselves on short notice, however, Program Open Space provides 100% reimbursement on eligible acquisitions. Currently 25% of Program Open Space funds received must be used for acquisitions.

**Project Assumptions**      Pending Program Open Space funding.

**Project Justification**      Acquisition priorities include contiguous expansion of existing developed parks and locations in the County with the lowest park equity. Potential opportunities include expansion of Doub's Woods, Kemps Mill, Antietam and Conococheague Water Trails, and consideration for new acquisitions in low equity park areas (north of Hagerstown, Leitersburg, Chewsville, MD 65 and MD 63 corridors).

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Land Acquisition	593,800	193,800	400,000	0	0	0	0	0
<b>Total Cost</b>	<b>593,800</b>	<b>193,800</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	3,800	3,800	0	0	0	0	0	0
State Grant	490,000	90,000	400,000	0	0	0	0	0
Contributions	100,000	100,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>593,800</b>	<b>193,800</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Park Equipment/Surfacing Replacement - Various Locations

**Project ID** REC037

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project will replace the existing playground equipment at designated locations.

**Project Assumptions** Pending POS and/or other funding sources.

**Project Justification** The existing playground structure is 20 plus years old and is showing signs of degradation due to weather and usage.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	770,000	770,000	0	0	0	0	0	0
Equipment/Furniture	1,199,674	164,674	160,000	0	175,000	0	0	700,000
<b>Total Cost</b>	<b>1,969,674</b>	<b>934,674</b>	<b>160,000</b>	<b>0</b>	<b>175,000</b>	<b>0</b>	<b>0</b>	<b>700,000</b>
<b>Funding Sources:</b>								
General Fund	131,267	16,267	25,000	0	18,000	0	0	72,000
State Grant	1,838,407	918,407	135,000	0	157,000	0	0	628,000
<b>Total Funding</b>	<b>1,969,674</b>	<b>934,674</b>	<b>160,000</b>	<b>0</b>	<b>175,000</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

**Project Title** Repair/Overlay Parking Lots - Various Locations

**Project ID** REC042

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** Parking Lot Repair/Overlay at various County Parks

**Project Assumptions** Pending POS and/or other funding sources.

**Project Justification** The existing locations are 20 plus years old and in poor condition. The Parking lots require ongoing resurfacing, sealing, and striping.

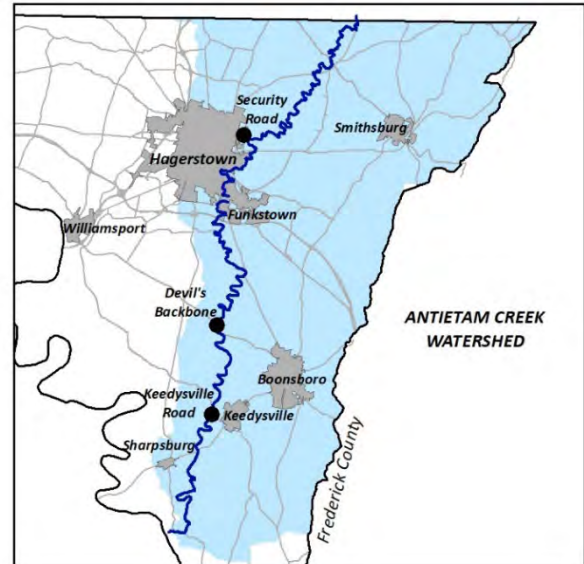
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	475,896	75,896	0	0	50,000	50,000	50,000	250,000
<b>Total Cost</b>	<b>475,896</b>	<b>75,896</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>
<b>Funding Sources:</b>								
General Fund	50,340	10,340	0	0	5,000	5,000	5,000	25,000
State Grant	425,556	65,556	0	0	45,000	45,000	45,000	225,000
<b>Total Funding</b>	<b>475,896</b>	<b>75,896</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>250,000</b>

**Project Title** Antietam Creek Water Trail

**Project ID** REC044

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project will establish the Antietam Water Trail, which may include property acquisition, public access improvements, and installing new boat access. Current identified sections for improvement include Security Road, Devil's Backbone, Keedysville Road, and Roxbury Road.

**Project Assumptions** Pending grant funding. Grant funding sources include Program Open Space, Waterway Improvement Fund, Appalachian Regional Commission, and Civil War Heritage Area. Most grants require local funding match as condition of award.

**Project Justification** This water trail would improve recreational access to the Antietam Creek.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	320,000	150,000	50,000	50,000	15,000	55,000	0	0
Land Acquisition	42,000	42,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>362,000</b>	<b>192,000</b>	<b>50,000</b>	<b>50,000</b>	<b>15,000</b>	<b>55,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	141,000	76,000	50,000	0	15,000	0	0	0
Federal Grant	74,000	74,000	0	0	0	0	0	0
State Grant	147,000	42,000	0	50,000	0	55,000	0	0
<b>Total Funding</b>	<b>362,000</b>	<b>192,000</b>	<b>50,000</b>	<b>50,000</b>	<b>15,000</b>	<b>55,000</b>	<b>0</b>	<b>0</b>



**Project Title** County Parks Bathroom/Drinking Fountain Upgrades

**Project ID** REC046

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** Bathroom/drinking fountain upgrades in various locations. Priority list Marty Snook, Regional and Pen Mar Parks and then moving on to other County Parks.

**Project Assumptions** Pending Program Open Space funding.

**Project Justification** The pavilions in Marty Snook, Regional and Pen Mar Parks were built 20 to 30 years ago. Little to no updates have been done in the attached bathrooms since construction. Most County Park bathroom/restroom facilities have not been upgraded and are original construction from 30+ years ago.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	435,000	185,000	50,000	0	50,000	0	50,000	100,000
<b>Total Cost</b>	<b>435,000</b>	<b>185,000</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>100,000</b>
<b>Funding Sources:</b>								
General Fund	25,000	0	5,000	0	5,000	0	5,000	10,000
Capital Reserve - General	5,000	5,000	0	0	0	0	0	0
State Grant	405,000	180,000	45,000	0	45,000	0	45,000	90,000
<b>Total Funding</b>	<b>435,000</b>	<b>185,000</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>100,000</b>



**Project Title**      **Roof Replacements at Various Locations****Project ID**      REC053**Full-time Employees**      0**Operating Costs**      \$0**Project Description**      Form replacements at various locations within the Parks.**Project Assumptions**      Pending Program Open Space funding.**Project Justification**      Buildings within the Parks system are aging to the point that major repairs are needed.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	362,500	187,500	25,000	0	25,000	0	0	125,000
<b>Total Cost</b>	<b>362,500</b>	<b>187,500</b>	<b>25,000</b>	<b>0</b>	<b>25,000</b>	<b>0</b>	<b>0</b>	<b>125,000</b>
<b>Funding Sources:</b>								
General Fund	18,000	0	3,000	0	3,000	0	0	12,000
State Grant	344,500	187,500	22,000	0	22,000	0	0	113,000
<b>Total Funding</b>	<b>362,500</b>	<b>187,500</b>	<b>25,000</b>	<b>0</b>	<b>25,000</b>	<b>0</b>	<b>0</b>	<b>125,000</b>

**Project Title** Field Improvements at Marty Snook and Regional Parks

**Project ID** REC054

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** Athletic field upgrades.

**Project Assumptions** Pending Program Open Space funding.

**Project Justification** Athletic field upgrades including playing surfaces, fencing, sports amenities, spectating areas, and irrigation. Marty Snook and Regional Park are the most used athletic fields and in need of irrigation and improvements to sustain the ongoing use.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	125,000	0	125,000	0	0	0	0	0
<b>Total Cost</b>	<b>125,000</b>	<b>0</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	13,000	0	13,000	0	0	0	0	0
State Grant	112,000	0	112,000	0	0	0	0	0
<b>Total Funding</b>	<b>125,000</b>	<b>0</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Ag Center Show Area Floor**

**Full-time Employees**        0

**Operating Costs**                \$0



**Project Description**            Installation of a concrete floor in the existing Show Barn at the Ag Center.

**Project Assumptions**        Pending Civil War Heritage Area funding.

**Project Justification**        The current floor in this building is dirt only. The installation of concrete in this building would make the space usable to more events. Concrete would also make cleanup of this building easier.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	50,000	0	0	50,000	0	0	0	0
<b>Total Cost</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	5,000	0	0	5,000	0	0	0	0
State Grant	45,000	0	0	45,000	0	0	0	0
<b>Total Funding</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Black Rock Course  
Bunker Rehabilitation**

**Full-time Employees**            0

**Operating Costs**                 \$0



**Project Description**            Rehabilitation of existing sand bunkers. Installing new drainage, sand and potentially liners.

**Project Assumptions**           Project assumes Program Open Space funding

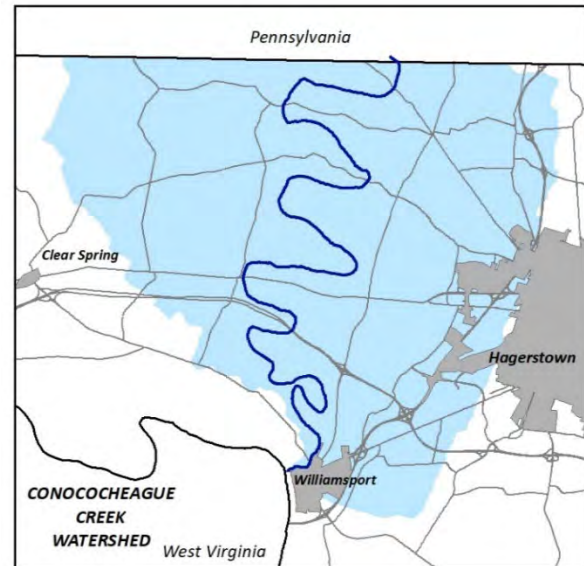
**Project Justification**           The bunkers have not been rehabilitated in over 30 years and are hardpacked from soil contamination

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	250,000	0	0	0	0	250,000	0	0
<b>Total Cost</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	25,000	0	0	0	0	25,000	0	0
State Grant	225,000	0	0	0	0	225,000	0	0
<b>Total Funding</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>

**Project Title** Conococheague Creek Water Trail

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Development of Conococheague Water Trail and creation of public access and parking locations.

**Project Assumptions** Pending grant funding that may include Program Open Space, Waterway Improvement, or Civil War Heritage Area.

**Project Justification** This boat access would establish the Conococheague Creek Water Trail. This water trail would improve recreational access to the Conococheague Creek.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	310,000	0	0	0	0	10,000	180,000	120,000
<b>Total Cost</b>	<b>310,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000</b>	<b>180,000</b>	<b>120,000</b>
<b>Funding Sources:</b>								
General Fund	88,000	0	0	0	0	10,000	18,000	60,000
Federal Grant	60,000	0	0	0	0	0	0	60,000
State Grant	162,000	0	0	0	0	0	162,000	0
<b>Total Funding</b>	<b>310,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000</b>	<b>180,000</b>	<b>120,000</b>

**Project Title** Doubs Woods Disc Golf

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project will construct a 9-hole disc golf course in Doubs Woods.

**Project Assumptions** Pending Program Open Space Funding

**Project Justification** The County's Disc Golf Course at Regional Park is popular and there is a need for a second location. Doubs Woods offers a variety of terrain and available space for a 9-hole course.

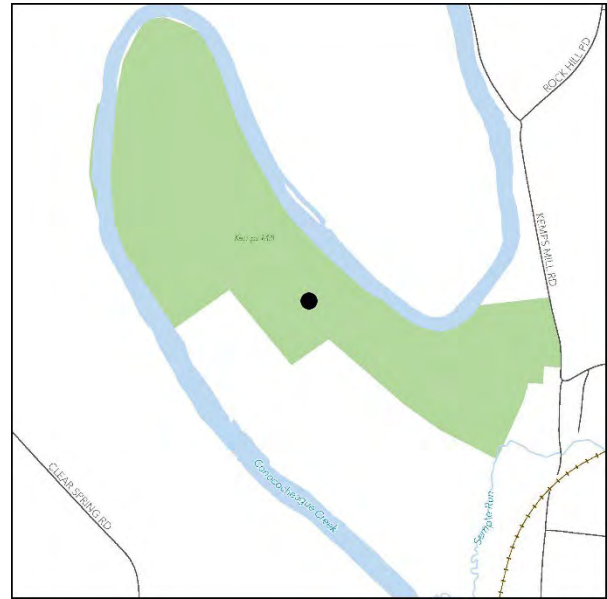
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	50,000	0	0	0	0	0	0	50,000
<b>Total Cost</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Funding Sources:</b>								
General Fund	5,000	0	0	0	0	0	0	5,000
State Grant	45,000	0	0	0	0	0	0	45,000
<b>Total Funding</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>



**Project Title**                      **Kemps Mill Park Trails**

**Full-time Employees**        0

**Operating Costs**                \$0



**Project Description**            Mountain bike course and walking trails. May include potential for future land acquisition and expansion of trail network.

**Project Assumptions**        Assumes Recreation Trail Grant or other grant funding source.

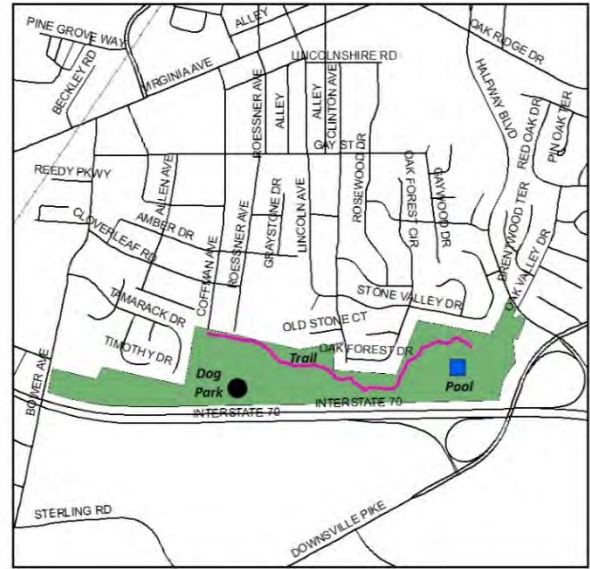
**Project Justification**        County does not have any mountain biking courses. Opportunity to provide for demand and continue to develop additional walking trails for the local community. Potential partnership with MORE (Mid Atlantic Off-Road Enthusiast).

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	100,000	0	0	100,000	0	0	0	0
<b>Total Cost</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	20,000	0	0	20,000	0	0	0	0
State Grant	80,000	0	0	80,000	0	0	0	0
<b>Total Funding</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Marty Snook Park Fitness Trail

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Expansion of the Fitness Trail at Marty Snook Park.

**Project Assumptions** Pending Land and Water Conservation funding or other grant funding

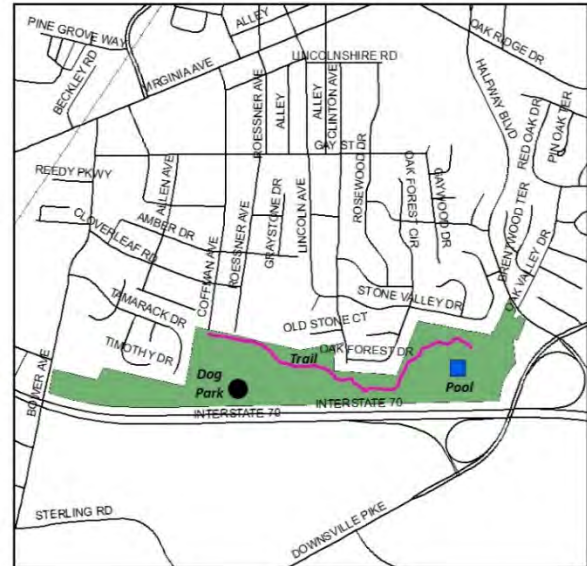
**Project Justification** Expansion of the existing trail network. Includes trail fitness amenities, upgrades and improvements.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	300,000	0	0	0	0	300,000	0	0
<b>Total Cost</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	150,000	0	0	0	0	150,000	0	0
Federal Grant	150,000	0	0	0	0	150,000	0	0
<b>Total Funding</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Marty Snook Park Pool Accessible Entrance**

**Full-time Employees**        0

**Operating Costs**              \$0



**Project Description**            Create an Accessible entrance into the existing pool at Marty Snook Park.

**Project Assumptions**        Pending Program Open Space funding.

**Project Justification**        Creation of a beach style walk in entrance at the pool to improve entry for all ages and upgrade ADA access. Remove kiddie pool and install splash park to meet changing needs and preferences.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	150,000	0	0	0	0	150,000	0	0
<b>Total Cost</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	15,000	0	0	0	0	15,000	0	0
State Grant	135,000	0	0	0	0	135,000	0	0
<b>Total Funding</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Mt. Briar Wetland Preserve  
Trails and Conservation Area**

**Full-time Employees**            0

**Operating Costs**                \$0



**Project Description**            Create and sign upland trails within park and provide parking area. Plant native meadow grasses and provide tree plantings to improve park's environmental value as a habitat and conservation area.

**Project Assumptions**           Assumes Program Open Space or other grant funding.

**Project Justification**           Park is underutilized and does not provide adequate public access. Project would improve the environmental and recreational value of the park and reduce long term mowing needs

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	100,000	0	0	100,000	0	0	0	0
<b>Total Cost</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	50,000	0	0	50,000	0	0	0	0
State Grant	50,000	0	0	50,000	0	0	0	0
<b>Total Funding</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** North Central County Park

**Full-time Employees** 2

**Operating Costs** \$120,000



**Project Description** This project involves the ultimate development of a multi-phased regional park along the north side of Eastern Boulevard Extended. Phase 1 work will include the construction of multiuse trails and associated infrastructure. Future phases will include entrance roads, parking lots, grading for soccer/ball fields, lighting, pavilion buildings, restrooms, playground equipment and other park and recreation amenities.

**Project Assumptions** This project assumes that Eastern Blvd Extended is constructed.

**Project Justification** This project provides additional recreational opportunities in the north end of the County. The land will be under a 99 year lease.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,900,000	0	0	0	0	100,000	300,000	1,500,000
Planning	100,000	0	0	0	100,000	0	0	0
<b>Total Cost</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>300,000</b>	<b>1,500,000</b>
<b>Funding Sources:</b>								
General Fund	810,000	0	0	0	100,000	10,000	50,000	650,000
State Grant	1,190,000	0	0	0	0	90,000	250,000	850,000
<b>Total Funding</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>300,000</b>	<b>1,500,000</b>

**Project Title**      **Park Entrances and Security Upgrades****Full-time Employees**      0**Operating Costs**      \$0**Project Description**      Installing electronic gates, signage, new door locks, security cameras, and lighting in County Parks.**Project Assumptions**      Assumes installation of improvements will be prioritized throughout all county parks based on funding.**Project Justification**      Reduce opening/staffing burden and requirements, improve safety and reduce park vandalism.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	200,000	0	0	0	0	100,000	100,000	0
<b>Total Cost</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	200,000	0	0	0	0	100,000	100,000	0
<b>Total Funding</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>

**Project Title** Pen Mar - Fort Ritchie - Cascade Trail Connection

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** Improve the bike pedestrian connectivity between the three communities to the school, residential areas, parks and natural resources.

**Project Assumptions** Assumes recreation trail grants, safe routes to school and other grants. Portions will be installed in phases.

**Project Justification** Three mountain top communities in close proximity but lack connecting trails, and sidewalks to the school, parks and recreational areas.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	240,000	0	0	0	120,000	0	0	120,000
Planning	50,000	0	0	50,000	0	0	0	0
<b>Total Cost</b>	<b>290,000</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>120,000</b>	<b>0</b>	<b>0</b>	<b>120,000</b>
<b>Funding Sources:</b>								
General Fund	98,000	0	0	50,000	24,000	0	0	24,000
State Grant	192,000	0	0	0	96,000	0	0	96,000
<b>Total Funding</b>	<b>290,000</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>120,000</b>	<b>0</b>	<b>0</b>	<b>120,000</b>

**Project Title**                      **Recreational Field Bleachers**

**Full-time Employees**        0

**Operating Costs**              \$0

**Project Description**        New portable field bleachers that would be used in multiple parks. Primarily housed at Ag Education Center.

**Project Assumptions**       Pending Program Open Space funding.

**Project Justification**       Replace existing aging bleachers. Existing bleaches are beyond repair and no longer meet code requirements. Replacement would allow use at multiple locations.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Other	100,000	0	0	100,000	0	0	0	0
<b>Total Cost</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	10,000	0	0	10,000	0	0	0	0
State Grant	90,000	0	0	90,000	0	0	0	0
<b>Total Funding</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Project Title** Regional Park Dog Park

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** New dog park facility including fencing, facility amenities, landscaping and water line extension.

**Project Assumptions** Pending Program Open Space funding.

**Project Justification** Installation of a Dog Park at Regional Park is needed due to the increased use by dog owners.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	75,000	0	0	75,000	0	0	0	0
<b>Total Cost</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	7,000	0	0	7,000	0	0	0	0
State Grant	68,000	0	0	68,000	0	0	0	0
<b>Total Funding</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# Public Safety

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**Public Safety**  
**Capital Improvement Ten Year Summary**  
**Fiscal Year 2023 - 2032**

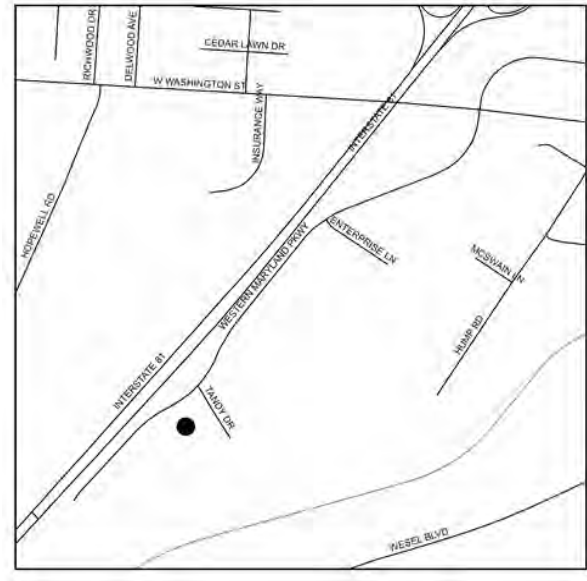
			Budget Year		Ten Year Capital Program				
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future	
Page	Project Costs								
158	Detention Center - Systemic Projects	3,654,361	264,361	670,000	190,000	350,000	350,000	450,000	1,380,000
159	Burn Building - PSTC Training Center	1,500,000	500,000	1,000,000	0	0	0	0	0
160	Patrol Services Relocation Renovation	4,500,000	0	500,000	2,000,000	2,000,000	0	0	0
161	Communication Tower(s) Various	576,806	266,806	0	90,000	0	110,000	0	110,000
162	P25 UHF Public Safety Radio Communications System Upgrade	10,200,000	8,200,000	875,000	1,125,000	0	0	0	0
163	Portable Radio Replacement Program - Sheriff	1,410,062	218,062	112,000	114,000	116,000	118,000	120,000	612,000
164	Portable Radio Replacement Program - Emergency Services	4,235,000	2,139,000	296,000	200,000	200,000	200,000	200,000	1,000,000
165	Law Enforcement - Vehicle & Equipment Replacement Program	11,643,027	1,069,027	872,000	955,000	984,000	1,014,000	1,044,000	5,705,000
166	Emergency Services Equipment & Vehicle Program	9,056,590	5,406,590	1,900,000	150,000	200,000	200,000	200,000	1,000,000
167	Canteen/Rehab Unit Replacement	450,000	45,000	45,000	45,000	45,000	45,000	45,000	180,000
168	Incident Safety Officer Vehicle Replacement Program	160,000	0	16,000	16,000	16,000	16,000	16,000	80,000
169	Police Indoor Firing Range	3,500,000	0	0	0	0	500,000	500,000	2,500,000
170	PSTC Apparatus Operator / Defensive Driving Track	250,000	0	0	0	0	0	0	250,000
171	PSTC Tactical Village / Simulation Training Area	4,900,000	0	0	0	0	0	0	4,900,000
172	911 Center Building Expansion	1,800,000	0	0	0	528,000	1,272,000	0	0
TOTAL		57,835,846	18,108,846	6,286,000	4,885,000	4,439,000	3,825,000	2,575,000	17,717,000
Funding Sources									
	General Fund	38,599,719	15,464,719	2,264,000	2,705,000	1,731,000	2,373,000	2,395,000	11,667,000
	Tax-Supported Bond	11,600,000	0	1,000,000	2,000,000	2,528,000	922,000	0	5,150,000
	Transfer Tax	996,127	326,127	670,000	0	0	0	0	0
	Capital Reserve - General	0	0	0	0	0	0	0	0
	Capital Reserve - Excise Tax - Non-Residential	755,000	183,000	572,000	0	0	0	0	0
	Federal Grant	335,000	335,000	0	0	0	0	0	0
	State Grant	5,200,000	1,800,000	1,780,000	180,000	180,000	180,000	180,000	900,000
	Contributions	350,000	0	0	0	0	350,000	0	0
TOTAL		57,835,846	18,108,846	6,286,000	4,885,000	4,439,000	3,825,000	2,575,000	17,717,000

**Project Title** Detention Center - Systemic Projects

**Project ID** BLD089

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This project allows for major repairs and/or building improvements as needed for the Detention Center.

**Project Justification** The Detention Center is an aging facility that is starting to need major repairs to maintain functionality and compliance.

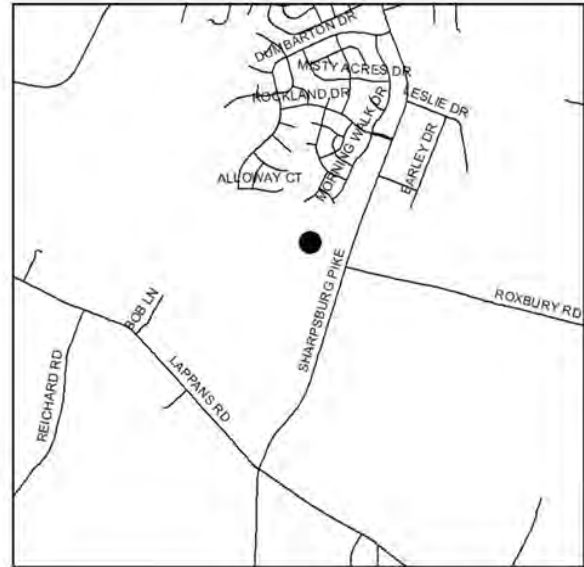
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Other	3,654,361	264,361	670,000	190,000	350,000	350,000	450,000	1,380,000
<b>Total Cost</b>	<b>3,654,361</b>	<b>264,361</b>	<b>670,000</b>	<b>190,000</b>	<b>350,000</b>	<b>350,000</b>	<b>450,000</b>	<b>1,380,000</b>
<b>Funding Sources:</b>								
General Fund	2,823,234	103,234	0	190,000	350,000	350,000	450,000	1,380,000
Transfer Tax	695,127	25,127	670,000	0	0	0	0	0
Capital Reserve - Excise Tax - Non-Residential	136,000	136,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>3,654,361</b>	<b>264,361</b>	<b>670,000</b>	<b>190,000</b>	<b>350,000</b>	<b>350,000</b>	<b>450,000</b>	<b>1,380,000</b>

**Project Title** Burn Building - PSTC Training Center

**Project ID** BLD107

**Full-time Employees** 0

**Operating Costs** \$0



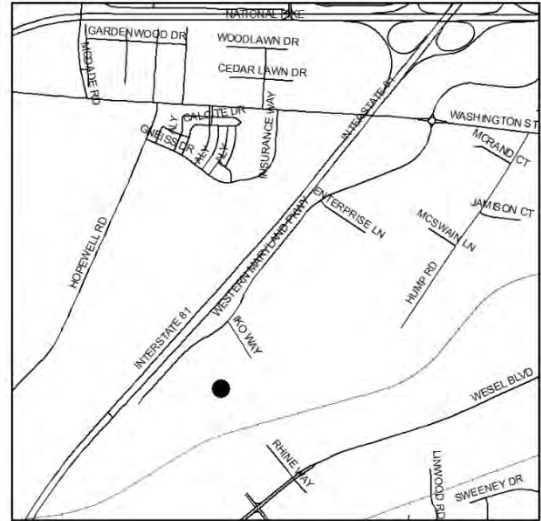
**Project Description** This project has cost associated with the purchase and installation of a modular constructed burn building at the new PSTC located off Sharpsburg Pike. Total cost of the building is expected to be \$1 million, with associated site preparation construction of \$500,000.

**Project Assumptions** The project assumes that a Class A Burn Permit for the Sharpsburg Pk. PSTC will not be obtained, and a propane generated burn building is the alternate.

**Project Justification** In an effort to plan a path forward to maintain needed live fire training at a facility that can meet current training needs for the County emergency responders, planning and funding for a burn building at the new PSTC must be undertaken.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,500,000	500,000	1,000,000	0	0	0	0	0
<b>Total Cost</b>	<b>1,500,000</b>	<b>500,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	1,000,000	0	1,000,000	0	0	0	0	0
Transfer Tax	301,000	301,000	0	0	0	0	0	0
Capital Reserve - Excise Tax - Non-Residential	199,000	199,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>1,500,000</b>	<b>500,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>Project Title</b>	<b>Patrol Services Relocation</b>
<b>Project ID</b>	BLD113
<b>Full-time Employees</b>	0
<b>Operating Costs</b>	\$0



**Project Description** Relocation of Patrol Services to the County's Phoenix Color Building.

**Project Assumptions** Assumes the use of speed camera revenue of \$500,000 per year to accumulate funds for this multi-phased project. The first phase of the project is the renovation of the Special Services Building (former Phoenix Color) so that Patrol can move into this facility. The second phase of the project involves moving the Detention Administration, Programs Unit and Training into the existing Patrol building. The third phase of the project involves renovating the Female Housing Unit and existing Detention Administration Area into a Female Housing Unit with cells rather than dormitory housing, putting in a unit for Juvenile Offenders who are waiting to be waived for who have been waived to adult status and changes to the Control Centers. The law now requires a hold on juvenile offenders in sight and sound separation from all adult inmates.

**Project Justification** The Patrol Division of the Sheriff's Office has outgrown the current facility due to the addition of personnel and positions within the division. All useable space is currently occupied. This project is needed in the next couple of years and will renovate 34,000 square feet of the warehouse portion of the Phoenix Color Building to house the Patrol Division. The current Patrol Division Building would then be used to house the Detention Center Administration, Detention Training and Detention Programs Unit. This would then allow for the expansion of Female Housing in the Detention Center, which is needed to house this growing population in the jail.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Architect Fees	500,000	0	500,000	0	0	0	0	0
Construction	3,750,000	0	0	2,000,000	1,750,000	0	0	0
Inspection	250,000	0	0	0	250,000	0	0	0
<b>Total Cost</b>	<b>4,500,000</b>	<b>0</b>	<b>500,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	500,000	0	500,000	0	0	0	0	0
Tax-Supported Bond	4,000,000	0	0	2,000,000	2,000,000	0	0	0
<b>Total Funding</b>	<b>4,500,000</b>	<b>0</b>	<b>500,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Communication Tower(s) - Various Locations**

**Project ID**                        COM027

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        The project includes the construction of new and replacement of old public safety communication towers at various sites, and miscellaneous add on equipment.

**Project Assumptions**       Towers will hold public safety communications equipment and County wireless broad band equipment.

**Project Justification**       Existing towers were constructed in the 1970's and are structurally and functionally inadequate.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	576,806	266,806	0	90,000	0	110,000	0	110,000
<b>Total Cost</b>	<b>576,806</b>	<b>266,806</b>	<b>0</b>	<b>90,000</b>	<b>0</b>	<b>110,000</b>	<b>0</b>	<b>110,000</b>
<b>Funding Sources:</b>								
General Fund	576,806	266,806	0	90,000	0	110,000	0	110,000
<b>Total Funding</b>	<b>576,806</b>	<b>266,806</b>	<b>0</b>	<b>90,000</b>	<b>0</b>	<b>110,000</b>	<b>0</b>	<b>110,000</b>

**Project Title** P25 UHF Public Safety Radio Communications System Upgrade

**Project ID** COM030

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** P25 UHF Public Safety Radio Communications System Upgrade focuses on the upgrade of the system's core components to enable IP simulcast and P25 Phase 2 compatibility. Payments are stretched over ten (10) years.

**Project Assumptions** P25 UHF Public Safety Radio Communication System provides Washington County's first responders (Sheriff's Office, Emergency Services and multiple local municipal police agencies) with an IP simulcast and P25 Phase 2 compliant interoperable radio communications system.

**Project Justification** The goal of the P25 UHF Public Safety Radio Communications System project is to either upgrade the current Motorola system while adding more proprietary system restrictions or opting to replace the current system with a P25 Phase 2 compatible open system platform for the same cost.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Hardware/Software	10,100,000	8,100,000	875,000	1,125,000	0	0	0	0
Other	100,000	100,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>10,200,000</b>	<b>8,200,000</b>	<b>875,000</b>	<b>1,125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	9,628,000	8,200,000	303,000	1,125,000	0	0	0	0
Capital Reserve - General	572,000	0	572,000	0	0	0	0	0
<b>Total Funding</b>	<b>10,200,000</b>	<b>8,200,000</b>	<b>875,000</b>	<b>1,125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**Project Title**                      **Portable Radio Replacement Program - Sheriff**

**Project ID**                        EQP060

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        The Portable Radio Replacement Program focuses on the investment in portable radios used exclusively by Washington County government's public safety first responders (Sheriff's Office & Emergency Services personnel) to provide personal communication infrastructure in conjunction with the County's UHF Public Safety trunked radio system. This specific project budget is solely for the replacement of radios used by the Sheriff's Office personnel.

**Project Assumptions**        The portable radios provide the County's first responders with reliable communications to the County's 911 Dispatch Center and with other public safety talk groups. They have a useful life-expectancy between 12 and 13 years, at which point these radios become increasingly costly to maintain and to remain interoperable with the County's UHF Public Safety trunked radio system, which is refreshed every three to five years. Ninety percent of the current portable radio inventory was purchased during the initial phase of the implementation project in 2007.

**Project Justification**        The goal of the Portable Radio Replacement Program is to keep the County's UHF Public Safety trunked radio system useful, operable and responsive to the County's public safety needs and interoperable with Maryland's new 700 MHz state-wide public safety communications network.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	1,410,062	218,062	112,000	114,000	116,000	118,000	120,000	612,000
<b>Total Cost</b>	<b>1,410,062</b>	<b>218,062</b>	<b>112,000</b>	<b>114,000</b>	<b>116,000</b>	<b>118,000</b>	<b>120,000</b>	<b>612,000</b>
<b>Funding Sources:</b>								
General Fund	1,302,062	110,062	112,000	114,000	116,000	118,000	120,000	612,000
Capital Reserve - General	108,000	108,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>1,410,062</b>	<b>218,062</b>	<b>112,000</b>	<b>114,000</b>	<b>116,000</b>	<b>118,000</b>	<b>120,000</b>	<b>612,000</b>

**Project Title**                      **Portable Radio Replacement Program - Emergency Services**

**Project ID**                        EQP069

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        The Portable Radio Replacement Program focuses on the investment in portable radios used exclusively by Washington County government's public safety first responders (Sheriff's Office & Emergency Services personnel) to provide personal communication infrastructure in conjunction with the County's UHF Public Safety trunked radio system. This specific project budget is solely for the replacement of radios used by Emergency Services personnel.

**Project Assumptions**        The portable radios provide the County's first responders with reliable communications to the County's 911 Dispatch Center and with other public safety talk groups. They have a useful life-expectancy between 12 and 13 years, at which point these radios become increasingly costly to maintain and to remain interoperable with the County's UHF Public Safety trunked radio system, which is refreshed every three to five years. Ninety percent of the current portable radio inventory was purchased during the initial phase of the implementation project in 2007. The project funding assumes a Federal Assistance to Firefighters Grant (AFG) of 90% with 10% Local share.

**Project Justification**        The goal of the Portable Radio Replacement Program is to keep the County's UHF Public Safety trunked radio system useful, operable and responsive to the County's public safety needs and interoperable with Maryland's new 700 MHz state-wide public safety communications network.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	4,235,000	2,139,000	296,000	200,000	200,000	200,000	200,000	1,000,000
<b>Total Cost</b>	<b>4,235,000</b>	<b>2,139,000</b>	<b>296,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>
<b>Funding Sources:</b>								
General Fund	635,000	339,000	116,000	20,000	20,000	20,000	20,000	100,000
Federal Grant	3,600,000	1,800,000	180,000	180,000	180,000	180,000	180,000	900,000
<b>Total Funding</b>	<b>4,235,000</b>	<b>2,139,000</b>	<b>296,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>

**Project Title** Law Enforcement - Vehicle and Equipment Replacement Program

**Project ID** VEH006

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** This project is for the replacement of public safety fleet inventory.

**Project Justification** The Sheriff's operations has approximately 136 vehicles maintained by its fleet maintenance department. A vehicle replacement program has been implemented and designed to reduce maintenance and operational downtime due to vehicle age, mileage, and repair cost versus book value.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Vehicles	11,643,027	1,069,027	872,000	955,000	984,000	1,014,000	1,044,000	5,705,000
<b>Total Cost</b>	<b>11,643,027</b>	<b>1,069,027</b>	<b>872,000</b>	<b>955,000</b>	<b>984,000</b>	<b>1,014,000</b>	<b>1,044,000</b>	<b>5,705,000</b>
<b>Funding Sources:</b>								
General Fund	11,643,027	1,069,027	872,000	955,000	984,000	1,014,000	1,044,000	5,705,000
<b>Total Funding</b>	<b>11,643,027</b>	<b>1,069,027</b>	<b>872,000</b>	<b>955,000</b>	<b>984,000</b>	<b>1,014,000</b>	<b>1,044,000</b>	<b>5,705,000</b>

**Project Title**                      **Emergency Services Equipment & Vehicle Program**

**Project ID**                        VEH009

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        The project is a 10-year capital equipment and vehicle replacement program for the County's Division of Emergency Services. DES needs to have a sustainable plan to replace critical vehicles utilized for emergency response.

**Project Assumptions**        FY23 - \$1.6M in ARPAS Funds for the purchase of SCBA.

**Project Justification**        Emergency services capital equipment and vehicle program is designed to graduate funding over a period of time, reduce maintenance costs and operational downtime due to age, mileage, and repair costs versus book values.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	5,100,000	5,100,000	0	0	0	0	0	0
Vehicles	3,956,590	306,590	1,900,000	150,000	200,000	200,000	200,000	1,000,000
<b>Total Cost</b>	<b>9,056,590</b>	<b>5,406,590</b>	<b>1,900,000</b>	<b>150,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>
<b>Funding Sources:</b>								
General Fund	7,381,590	5,331,590	300,000	150,000	200,000	200,000	200,000	1,000,000
Capital Reserve - General	75,000	75,000	0	0	0	0	0	0
Federal Grant	1,600,000	0	1,600,000	0	0	0	0	0
<b>Total Funding</b>	<b>9,056,590</b>	<b>5,406,590</b>	<b>1,900,000</b>	<b>150,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>

**Project Title** Canteen/Rehab Unit Replacement

**Project ID** VEH015

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** This project will provide for the planned funding and replacement for the WCVFRA rehab/canteen unit.

**Project Assumptions** The project assumes a 20 year life cycle for the existing unit.

**Project Justification** The rehab/canteen unit provides NFPA required on site hydration, health monitoring, nutritional replacement for firefighters, EMS workers and LE on complex on major or complex incidents.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Vehicles	450,000	45,000	45,000	45,000	45,000	45,000	45,000	180,000
<b>Total Cost</b>	<b>450,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>180,000</b>
<b>Funding Sources:</b>								
General Fund	450,000	45,000	45,000	45,000	45,000	45,000	45,000	180,000
<b>Total Funding</b>	<b>450,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>	<b>180,000</b>

**Project Title** Incident Safety Officer Vehicle Replacement Program

**Project ID** VEH019

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The Incident Safety Officer (ISO) Program has been in place for approx. 10 years and provides program and on scene support to the vol. fire and EMS responders. Throughout the years, local government has benefited from the vol. program in reduced insurance cost associated with volunteer coverages.

**Project Assumptions** The project will provide funding for 4 ISO vehicles that will be assigned as part of the current program. The DES and WCSO have provided through vehicle surplus the current inventory of units. These units are proving unreliable and, in most cases, lack the 4-wheel drive capability needed to respond to incidents in all types of weather events.

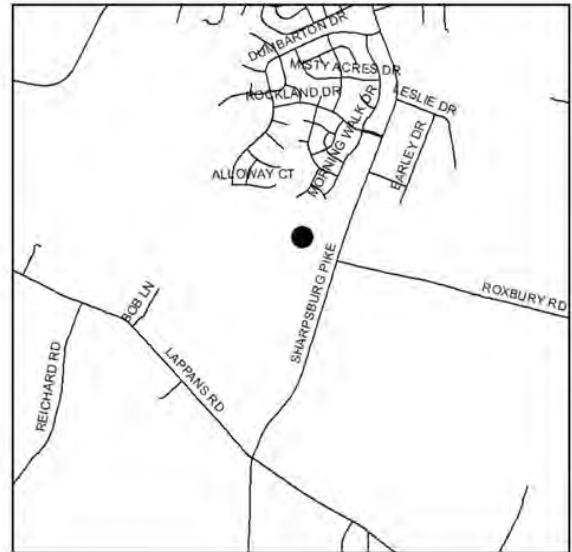
**Project Justification** Provide reliable vehicles that are not heavily maintenance laden for the ISO Program. Historically, this has been through a hand-me-down asset and the program has grown to be very functional and practical.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Vehicles	160,000	0	16,000	16,000	16,000	16,000	16,000	80,000
<b>Total Cost</b>	<b>160,000</b>	<b>0</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>80,000</b>
<b>Funding Sources:</b>								
General Fund	160,000	0	16,000	16,000	16,000	16,000	16,000	80,000
<b>Total Funding</b>	<b>160,000</b>	<b>0</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>16,000</b>	<b>80,000</b>

**Project Title** Police Indoor Firing Range

**Full-Time Employees** 0

**Operating Costs** \$0



**Project Description** Construction of a police indoor firing range at the Public Safety Training Center site.

**Project Assumptions** Assumes the use of speed camera revenue of \$500,000 per year to accumulate funds for this project. The project assumes an approximately 20,000 SF building with a paved parking lot.

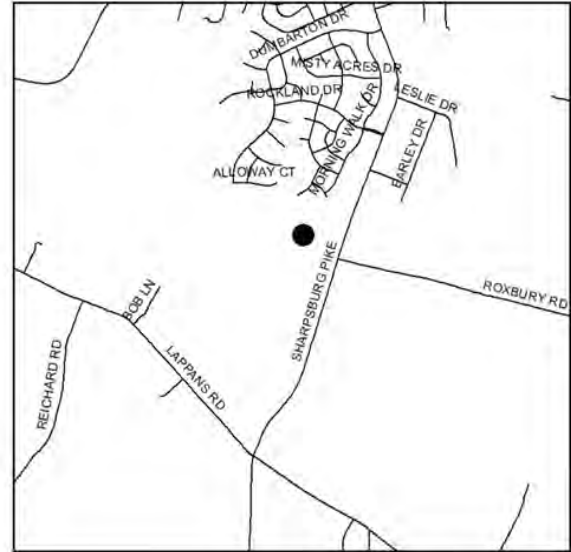
**Project Justification** This facility will provide a needed local service to the large number of police personnel serving in and around Washington County, as well as providing training for those people planning to enter these fields.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	2,500,000	0	0	0	0	0	0	2,500,000
Engineering and Design	1,000,000	0	0	0	0	500,000	500,000	0
<b>Total Cost</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>
<b>Funding Sources:</b>								
General Fund	3,500,000	0	0	0	0	500,000	500,000	2,500,000
<b>Total Funding</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>

**Project Title** PSTC Apparatus Operator/  
Defensive Driving Track

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Construction of a defensive driving track and apparatus operator area to support the Public Safety Training Center.

**Project Assumptions** This project is listed on the master plan for the Public Safety Training Center site.

**Project Justification** This facility will provide a needed local service to the large number of police, fire, and emergency service personnel serving in and around Washington County, as well as providing training for those people planning to enter those fields.

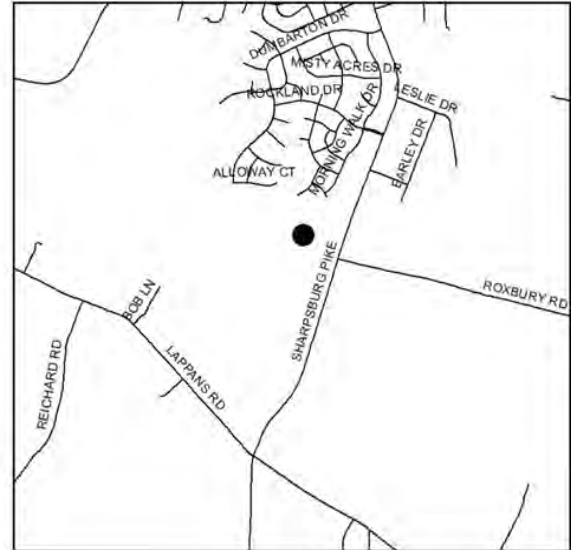
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Engineering and Design	250,000	0	0	0	0	0	0	250,000
<b>Total Cost</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	250,000	0	0	0	0	0	0	250,000
<b>Total Funding</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>



**Project Title** PSTC Tactical Village/  
Simulation Training Area

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Construction of a tactical village and simulation training area to support the Public Safety Training Center.

**Project Assumptions** Project assumes construction of a high bay storage/training building, site work, canine agility training area, class B (propane) gas firefighting props, pavilion bathroom complex with outside classroom area, vehicle extrication/trench rescue/confined space training area, outdoor track, pump pad/drift pit, and drone flying area.

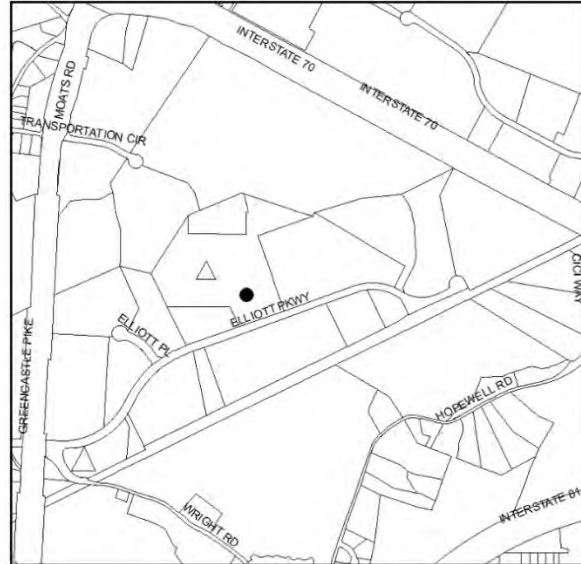
**Project Justification** This facility will provide a needed local service to the large number of police, fire, and emergency service personnel serving in and around Washington County, as well as providing training for those people planning to enter those fields.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	4,000,000	0	0	0	0	0	0	4,000,000
Engineering and Design	750,000	0	0	0	0	0	0	750,000
Inspection	150,000	0	0	0	0	0	0	150,000
<b>Total Cost</b>	<b>4,900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,900,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	4,900,000	0	0	0	0	0	0	4,900,000
<b>Total Funding</b>	<b>4,900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,900,000</b>

**Project Title**                    **911 Emergency Communication Center Building Expansion**

**Full-time Employees**        0

**Operating Costs**             \$13,000



**Project Description**        The project involves the building expansion of the existing 911 Emergency Communication Center at Elliott Parkway. As the need for Fire, Police, and Emergency Services continue to grow, the need for the construction of a new or expanded ECC is needed in Washington County. The volume of calls the ECC receives is growing between 3-5% per year for the last 5 years. Currently the ECC receives close to 300,000 calls per year. Currently the ECC has 12 call taking/dispatch stations and with the proposed 32'x48' expansion the area would accommodate 24 call taking/dispatch stations to handle the expected volume of calls received. With the implementation of Next Generation 911 the volume of calls will increase in the ECC.

**Project Assumptions**        Partial funding will be awarded to Washington County by the State Emergency Numbers System Board (ENSB). The ENSB awards funds based on population of the county. The ENSB also awarded grants to enhance 911 call taking ability.

**Project Justification**        This facility will expand the call taking capabilities for the Washington County ECC. As the call volume and population of Washington County grows over the next decade, this facility will be sufficient to accept the growth of the staff at the ECC. In addition, the renovated facility would also benefit the Emergency Operation Center.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,100,000	0	0	0	278,000	822,000	0	0
Engineering and Design	250,000	0	0	0	250,000	0	0	0
Equipment/Furniture	350,000	0	0	0	0	350,000	0	0
Inspection	100,000	0	0	0	0	100,000	0	0
<b>Total Cost</b>	<b>1,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>528,000</b>	<b>1,272,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	1,450,000	0	0	0	528,000	922,000	0	0
State Grant	350,000	0	0	0	0	350,000	0	0
<b>Total Funding</b>	<b>1,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>528,000</b>	<b>1,272,000</b>	<b>0</b>	<b>0</b>

# Railroad Crossings

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## Railroad Crossings Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

		Budget Year				Ten Year Capital Program			
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
174	Railroad Crossing Improvements	1,686,450	936,450	0	0	0	0	200,000	550,000
	TOTAL	1,686,450	936,450	0	0	0	0	200,000	550,000
Funding Sources									
	General Fund	1,686,450	936,450	0	0	0	0	200,000	550,000
	TOTAL	1,686,450	936,450	0	0	0	0	200,000	550,000

**Project Title** Railroad Crossing Improvements

**Project ID** RRX003

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project will provide crossing improvements based on a priority ranking of all crossings in the County. Improvements will include flattening the approach roadway grades and improving the alignment, installing signs and pavement markings, improving sight distance by removing trees/brush/rock outcroppings, and utility relocations.

**Project Assumptions** The railroad study utilizes methodologies set forth in the Railroad Highway Grade Crossing Handbook published by the Federal Railroad Administration (FRA). In addition to analyzing each intersection for potential collision and sight distance hazards, other factors such as accident records, development potential in the area surrounding the crossing, number of school buses, and the overall condition of the crossing and the surrounding pavement will be taken into account in assessing the need for improvements to the crossing. The first phase of the work will involve installing passive warning devices (signs and pavement markings) to be in compliance with the Manual on Uniform Traffic Control Devices (MUTCD) and FRA. The second phase of work will involve providing road improvements. Some crossings may require installation of active warning devices (flashing lights, automatic gates, etc.). These improvements will be coordinated with the railroad companies.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,552,450	802,450	0	0	0	0	200,000	550,000
Land Acquisition	112,000	112,000	0	0	0	0	0	0
Utilities	22,000	22,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>1,686,450</b>	<b>936,450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>550,000</b>
<b>Funding Sources:</b>								
General Fund	1,686,450	936,450	0	0	0	0	200,000	550,000
<b>Total Funding</b>	<b>1,686,450</b>	<b>936,450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>550,000</b>

# Road Improvements

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## Road Improvement Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
176	Intersection & Signal Improvements	854,384	328,384	200,000	0	250,000	0	0	76,000
177	Transportation ADA	862,829	327,829	50,000	50,000	50,000	50,000	50,000	285,000
178	Pavement Maintenance and Rehab Program	60,921,474	10,721,474	4,250,000	4,450,000	4,500,000	5,000,000	5,000,000	27,000,000
179	Longmeadow Road	2,105,000	0	0	0	0	310,000	432,000	1,363,000
180	Eastern Boulevard Extended	7,603,000	0	0	0	0	359,000	1,970,000	5,274,000
181	Eastern Boulevard Widening Phase II	5,772,300	2,691,300	0	385,000	1,274,000	1,422,000	0	0
182	Professional Boulevard Extended Phase II	7,859,200	4,859,200	3,000,000	0	0	0	0	0
183	Professional Boulevard Extended Phase III	1,853,000	1,135,000	718,000	0	0	0	0	0
184	Valley Mall Area Road Improvements Phase II	586,000	0	0	0	361,000	225,000	0	0
185	Showalter Road Extended East	1,010,000	510,000	0	0	0	0	0	500,000
186	Halfway Boulevard Extended	6,854,000	5,473,000	1,000,000	381,000	0	0	0	0
187	Wright Road	3,000,000	1,273,000	1,400,000	200,000	127,000	0	0	0
188	Robinwood Drive Sidewalk Extension	750,000	0	0	0	0	0	250,000	500,000
189	Burnside Bridge Road Spot Improvements	544,000	0	0	0	0	0	544,000	0
190	E. Oak Ridge Drive/South Pointe Signal	461,000	0	0	0	0	350,000	111,000	0
191	Marsh Pike from MD60 to Longmeadow	1,497,000	0	0	0	0	0	0	1,497,000
192	Mt Aetna Road Spot Improvements	2,422,000	0	0	0	0	0	0	2,422,000
193	Rockdale Road and Independence Road Spot Improvements	1,025,000	0	0	0	0	0	0	1,025,000
194	Sandstone Drive Spot Improvements	500,000	0	0	0	0	0	0	500,000
195	Highway - Vehicle & Equipment Replacement Program	13,302,187	1,770,187	907,000	1,125,000	1,150,000	1,150,000	1,200,000	6,000,000
196	Highway Maintenance Shop - Western Section	374,000	0	374,000	0	0	0	0	0
197	Highway Western Section - Fuel Tank Replacement	847,000	666,000	181,000	0	0	0	0	0
TOTAL		121,003,374	29,755,374	12,080,000	6,591,000	7,712,000	8,866,000	9,557,000	46,442,000
Funding Sources									
	General Fund	20,370,482	6,531,482	838,000	675,000	1,583,000	832,000	750,000	9,161,000
	Highway Fund	5,876,000	876,000	500,000	500,000	500,000	500,000	500,000	2,500,000
	Tax-Supported Bond	63,921,759	11,198,759	5,763,000	4,166,000	3,924,000	5,829,000	6,785,000	26,256,000
	Transfer Tax	15,269,962	2,033,962	374,000	1,045,000	1,500,000	1,500,000	1,317,000	7,500,000
	Excise Tax - Roads	1,530,320	270,320	126,000	126,000	126,000	126,000	126,000	630,000
	Excise Tax - Other	319,000	29,000	29,000	29,000	29,000	29,000	29,000	145,000
	Excise Tax - Non-Residential	550,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000
	APFO Fees - Roads	300,000	300,000	0	0	0	0	0	0
	Capital Reserve - General	59,651	59,651	0	0	0	0	0	0
	Capital Reserve - Transfer Tax	1,000,000	1,000,000	0	0	0	0	0	0
	Federal Grant	6,155,680	6,155,680	0	0	0	0	0	0
	State Grant	2,600,000	1,200,000	1,400,000	0	0	0	0	0
	Contributions	3,050,520	50,520	3,000,000	0	0	0	0	0
TOTAL		121,003,374	29,755,374	12,080,000	6,591,000	7,712,000	8,866,000	9,557,000	46,442,000

**Project Title**      **Intersection & Signal Improvements****Project ID**      EQP052**Full-time Employees**      0**Operating Costs**      \$1,000**Project Description**      This project involves providing traffic signal construction, battery backup, and enhancements to signalized intersections.**Project Assumptions**      The signalized intersections are: Maugans Avenue and Volvo Way, Maugans Avenue and Crayton Boulevard, Halfway Boulevard and Massey Boulevard, Massey Boulevard and Cole Road, Massey Boulevard and Valley Mall Access, Valley Mall Road and Underpass Way, Railway Lane and Underpass Way, Longmeadow Road and Marsh Pike, Mount Aetna Road and Yale Drive, Leitersburg-Smithburg Road and School Entrance, Massey Boulevard and Railway Lane, Halfway Boulevard and York Road, Halfway Boulevard and Hopewell Road, Eastern Boulevard and Security Boulevard, Edgewood Drive and Mount Aetna Road, Robinwood Drive and Medical Campus, Robinwood Drive and Professional Boulevard, Maugans Avenue and I-81 Northbound Ramp, I-81 and I-81 Southbound Ramp, Northern Avenue at Fountainhead Road, Northern Avenue at Lauran Road, and other proposed signals as warranted.**Project Justification**      Signal construction and enhancements will improve the safety of intersections. Battery backup will eliminate the need for law enforcement and/or highway department personnel to maintain the operation of the intersection during power outages.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	778,329	252,329	200,000	0	250,000	0	0	76,000
Engineering and Design	76,055	76,055	0	0	0	0	0	0
<b>Total Cost</b>	<b>854,384</b>	<b>328,384</b>	<b>200,000</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>76,000</b>
<b>Funding Sources:</b>								
General Fund	853,864	327,864	200,000	0	250,000	0	0	76,000
Contributions	520	520	0	0	0	0	0	0
<b>Total Funding</b>	<b>854,384</b>	<b>328,384</b>	<b>200,000</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>76,000</b>



**Project Title**                    **Transportation ADA**

**Project ID**                    LDI037

**Full-time Employees**      0

**Operating Costs**            \$0

**Project Description**      This project will provide upgrades to existing street crossings and facilities to comply with Americans with Disabilities (ADA) requirements. This includes providing pavement markings, signs, sidewalks, ramps, and accessible pedestrian signals as necessary to bring the existing conditions into compliance.

**Project Assumptions**    The project consists of a multi-year plan to achieve full compliance. The project received an APFO contribution for improvements in Maugansville.

**Project Justification**    State and local governments must maintain accessible features in operable working condition to comply with Title II of ADA. At a minimum, government entities need to comply with certain administrative requirements, conduct a self-evaluation, involve the public, develop/implement a transition plan, and provide accessibility during construction. FHWA is now requiring sub-recipient entities to have and implement a transition plan to bring the transportation system into full compliance.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	862,829	327,829	50,000	50,000	50,000	50,000	50,000	285,000
<b>Total Cost</b>	<b>862,829</b>	<b>327,829</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>285,000</b>
<b>Funding Sources:</b>								
General Fund	803,178	268,178	50,000	50,000	50,000	50,000	50,000	285,000
Capital Reserve - General	59,651	59,651	0	0	0	0	0	0
<b>Total Funding</b>	<b>862,829</b>	<b>327,829</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>285,000</b>

**Project Title** Pavement Maintenance and Rehab Program

**Project ID** RDI024

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** This project includes the modification of county-wide pavement maintenance program targeting rehabilitation of county highway pavement, as required. Techniques may include but not be limited to road reclamation, bituminous concrete overlay, crack sealing, and surface treatment. Individual projects will be determined on an annual basis consistent with the County's overall Pavement Management Program.

**Project Assumptions** Financial and engineering analysis has determined that at least an \$8M per year investment is necessary to keep up with pavement deterioration.

**Project Justification** The project is needed to launch an aggressive overall highway pavement rehabilitation program to address major pavement deficiencies throughout our existing highway system. This program will result in longer service life of our pavements and improved service using the most cost-effective treatment at the appropriate time.

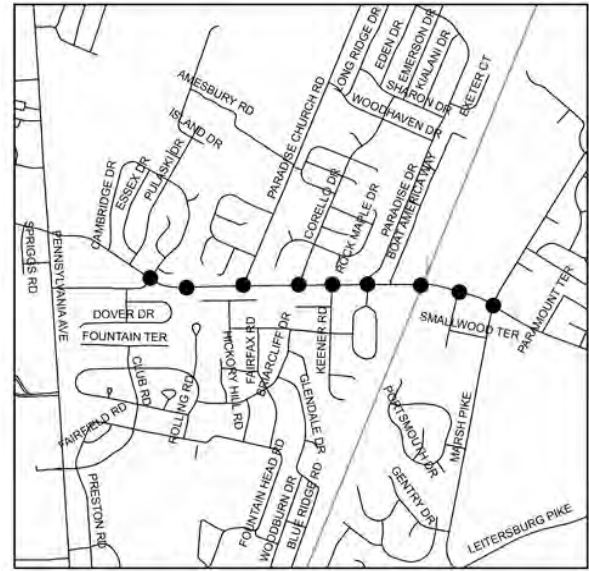
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	58,171,474	10,471,474	4,000,000	4,200,000	4,250,000	4,750,000	4,750,000	25,750,000
Inspection	2,750,000	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
<b>Total Cost</b>	<b>60,921,474</b>	<b>10,721,474</b>	<b>4,250,000</b>	<b>4,450,000</b>	<b>4,500,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>27,000,000</b>
<b>Funding Sources:</b>								
General Fund	10,405,079	4,340,079	0	0	633,000	132,000	0	5,300,000
Tax-Supported Bond	34,397,238	3,515,238	4,045,000	3,585,000	3,436,000	3,163,000	3,478,000	13,175,000
Transfer Tax	12,864,157	1,661,157	0	660,000	226,000	1,500,000	1,317,000	7,500,000
Excise Tax - Roads	1,386,000	126,000	126,000	126,000	126,000	126,000	126,000	630,000
Excise Tax - Other	319,000	29,000	29,000	29,000	29,000	29,000	29,000	145,000
Excise Tax - Non- Residential	550,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Capital Reserve - Transfer Tax	1,000,000	1,000,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>60,921,474</b>	<b>10,721,474</b>	<b>4,250,000</b>	<b>4,450,000</b>	<b>4,500,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>27,000,000</b>

**Project Title** Longmeadow Road

**Project ID** RDI037

**Full-time Employees** 0

**Operating Costs** \$3,000



**Project Description** The project will provide capacity and safety enhancement to Longmeadow Road between Halifax Drive and Marsh Pike. The project includes widening Longmeadow Road to a three-lane roadway and the construction of a traffic signal at the intersection with Paradise Church Road and a roundabout or traffic signal at Halifax Drive if warranted. The roadway will be a combination of open and closed section roadway with one lane in each direction and a continuous center left turn lane.

**Project Assumptions** County funding is shown, however, private developer contributions will be sought as private development projects are initiated in the area.

**Project Justification** Current traffic volume on Longmeadow Road is anticipated to continue to climb based on development. The roadway and intersections are nearing unacceptable levels of service.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,860,000	0	0	0	0	210,000	432,000	1,218,000
Engineering and Design	100,000	0	0	0	0	100,000	0	0
Inspection	145,000	0	0	0	0	0	0	145,000
<b>Total Cost</b>	<b>2,105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>310,000</b>	<b>432,000</b>	<b>1,363,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	2,105,000	0	0	0	0	310,000	432,000	1,363,000
<b>Total Funding</b>	<b>2,105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>310,000</b>	<b>432,000</b>	<b>1,363,000</b>

<b>Project Title</b>	<b>Eastern Boulevard Extended</b>
<b>Project ID</b>	RDI039
<b>Full-time Employees</b>	0
<b>Operating Costs</b>	\$4,000



<b>Project Description</b>	The project involves the construction of a new roadway connecting Eastern Boulevard at Antietam Drive and Leithersburg Pike at Marsh Pike. The road is approximately 6,000' in length and will connect with the new intersection at Antietam Drive and involve intersection improvements at MD 60/Marsh Pike that will include construction of a traffic signal or roundabout. The project also includes construction of a major drainage culvert.
<b>Project Assumptions</b>	The majority of the right-of-way is donated. The project assumes remaining lands necessary for completion can be obtained within budgeted values. The project involves construction of a three-lane roadway (one lane in each direction with a continuous center left turn lane). SHA may require significant road widening along MD 60.
<b>Project Justification</b>	The project will relieve Eastern Blvd at Leithersburg Pike intersection congestion. The project provides significant enhancement to the transportation network increasing capacity, improving safety and providing access to developable land including a parcel planned for a future County park.

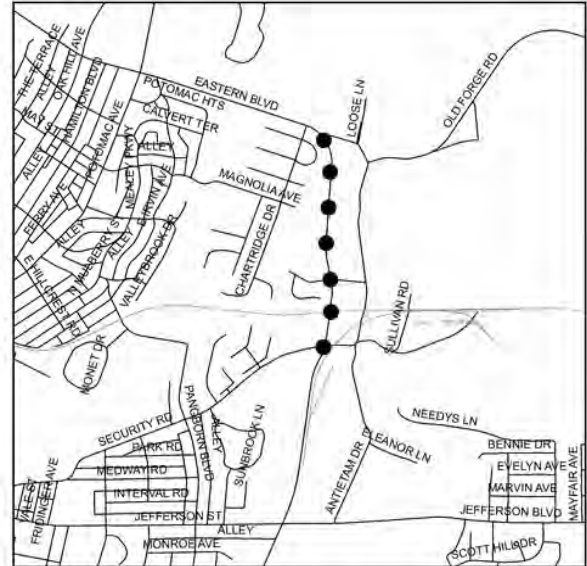
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	7,153,000	0	0	0	0	59,000	1,970,000	5,124,000
Engineering and Design	50,000	0	0	0	0	50,000	0	0
Inspection	150,000	0	0	0	0	0	0	150,000
Land Acquisition	100,000	0	0	0	0	100,000	0	0
Utilities	150,000	0	0	0	0	150,000	0	0
<b>Total Cost</b>	<b>7,603,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>359,000</b>	<b>1,970,000</b>	<b>5,274,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	7,603,000	0	0	0	0	359,000	1,970,000	5,274,000
<b>Total Funding</b>	<b>7,603,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>359,000</b>	<b>1,970,000</b>	<b>5,274,000</b>

**Project Title** Eastern Boulevard Widening Phase II

**Project ID** RDI044

**Full-time Employees** 0

**Operating Costs** \$2,000



**Project Description** The project serves to rehabilitate and widen Eastern Boulevard from Security Road to Antietam Drive from the existing 2-lane roadway to a 4-lane divided roadway, including drainage improvements and an at grade railroad crossing.

**Project Assumptions** This project assumes design and construction of an at grade railroad crossing.

**Project Justification** Existing traffic volumes on Eastern Boulevard exceed capacity and land development activity is anticipated in the area. Regional growth in the greater Hagerstown area will cause traffic volumes to increase.

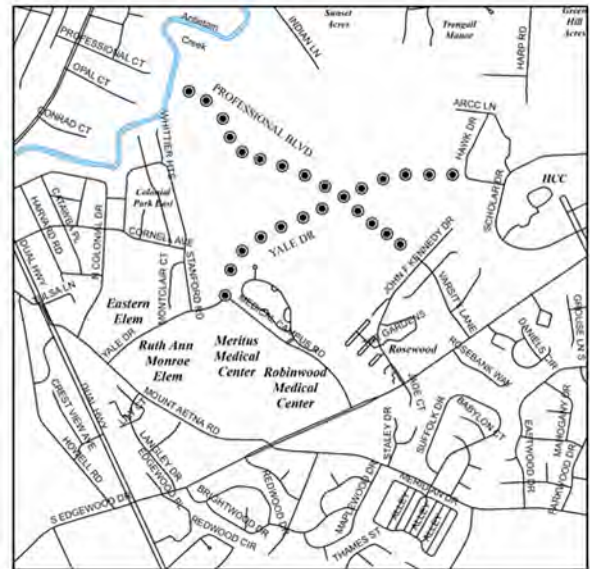
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	4,786,000	1,705,000	0	385,000	1,274,000	1,422,000	0	0
Engineering and Design	500,000	500,000	0	0	0	0	0	0
Inspection	150,000	150,000	0	0	0	0	0	0
Land Acquisition	336,300	336,300	0	0	0	0	0	0
<b>Total Cost</b>	<b>5,772,300</b>	<b>2,691,300</b>	<b>0</b>	<b>385,000</b>	<b>1,274,000</b>	<b>1,422,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	48,174	48,174	0	0	0	0	0	0
Tax-Supported Bond	3,294,321	1,872,321	0	0	0	1,422,000	0	0
Transfer Tax	1,929,805	270,805	0	385,000	1,274,000	0	0	0
Excise Tax - Roads	144,320	144,320	0	0	0	0	0	0
Federal Grant	355,680	355,680	0	0	0	0	0	0
<b>Total Funding</b>	<b>5,772,300</b>	<b>2,691,300</b>	<b>0</b>	<b>385,000</b>	<b>1,274,000</b>	<b>1,422,000</b>	<b>0</b>	<b>0</b>

**Project Title** Professional Boulevard Extended - Phase II

**Project ID** RDI056

**Full-time Employees** 0

**Operating Costs** \$3,000



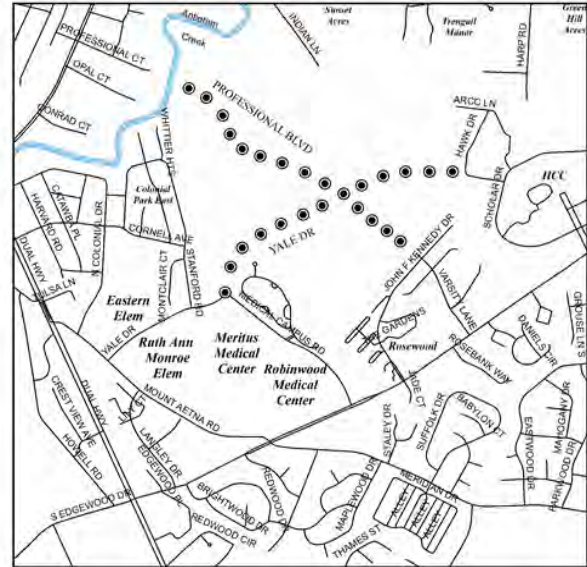
**Project Description** The project involves the extension of Professional Court from a point 200 feet east of the proposed Antietam Creek Bridge (Project 1072) to Yale Drive Extended (Project 1093). The roadway length is approximately 2,700 feet. The project includes construction of a four lane closed section divided roadway that will connect into the roundabout intersection at Yale Drive.

**Project Assumptions** No new water and/or sewer network is included in these costs and must be funded from other sources (other project or private sector investment). The County is currently seeking a state/federal grant to assist in covering construction costs. Includes ARC grant of \$1M for a portion of Phase II, referred to as Phase II-A. Also includes \$1.2M in State Aid for Phase II. FY23 includes City of Hagerstown contribution to overall project (\$1.75M City Local and \$1.25 City ARC grant).

**Project Justification** Regional traffic is anticipated to significantly increase requiring more transportation connectivity in this area. The project area has been identified as an economic development opportunity for the County.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	7,130,000	4,130,000	3,000,000	0	0	0	0	0
Engineering and Design	362,200	362,200	0	0	0	0	0	0
Inspection	265,000	265,000	0	0	0	0	0	0
Land Acquisition	102,000	102,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>7,859,200</b>	<b>4,859,200</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	89,000	89,000	0	0	0	0	0	0
Tax-Supported Bond	2,520,200	2,520,200	0	0	0	0	0	0
Federal Grant	1,000,000	1,000,000	0	0	0	0	0	0
State Grant	1,200,000	1,200,000	0	0	0	0	0	0
Contributions	3,050,000	50,000	3,000,000	0	0	0	0	0
<b>Total Funding</b>	<b>7,859,200</b>	<b>4,859,200</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>Project Title</b>	<b>Professional Boulevard Extended - Phase III</b>
<b>Project ID</b>	RD1064
<b>Full-time Employees</b>	0
<b>Operating Costs</b>	\$1,000



**Project Description** The project involves the construction of a segment of Professional Boulevard south from the second Yale Drive roundabout continuing southeast towards Phase IV and Robinwood Drive. The roadway length is approximately 900 feet. The project includes construction of a four-lane closed section roadway.

**Project Assumptions** No new water and/or sewer network is included in these costs and must be funded from other sources (other project or private sector investment).

**Project Justification** Regional traffic is anticipated to significantly increase requiring more transportation connectivity in this area. The project area has been identified as an economic development opportunity for the County.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,785,000	1,135,000	650,000	0	0	0	0	0
Inspection	68,000	0	68,000	0	0	0	0	0
<b>Total Cost</b>	<b>1,853,000</b>	<b>1,135,000</b>	<b>718,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	1,853,000	1,135,000	718,000	0	0	0	0	0
<b>Total Funding</b>	<b>1,853,000</b>	<b>1,135,000</b>	<b>718,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

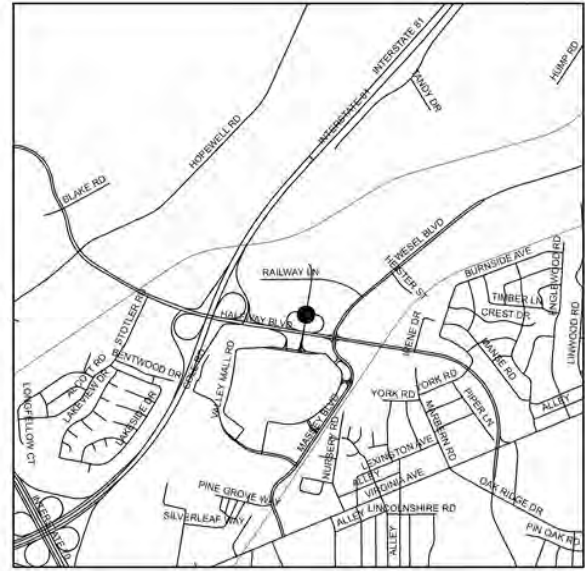


**Project Title** Valley Mall Area Road Improvements - Phase II

**Project ID** RDI062

**Full-time Employees** 0

**Operating Costs** \$1,000



**Project Description** This project includes intersection reconstruction on Underpass Way at the on/off ramps to/from Halfway Blvd. The project will convert a stop-controlled intersection to a roundabout intersection.

**Project Justification** Traffic volume increases in this area are making turning movements at this location more difficult. Once volumes warrant the signal or roundabout, the safety and traffic flow will be improved.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	586,000	0	0	0	361,000	225,000	0	0
<b>Total Cost</b>	<b>586,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>361,000</b>	<b>225,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	586,000	0	0	0	361,000	225,000	0	0
<b>Total Funding</b>	<b>586,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>361,000</b>	<b>225,000</b>	<b>0</b>	<b>0</b>

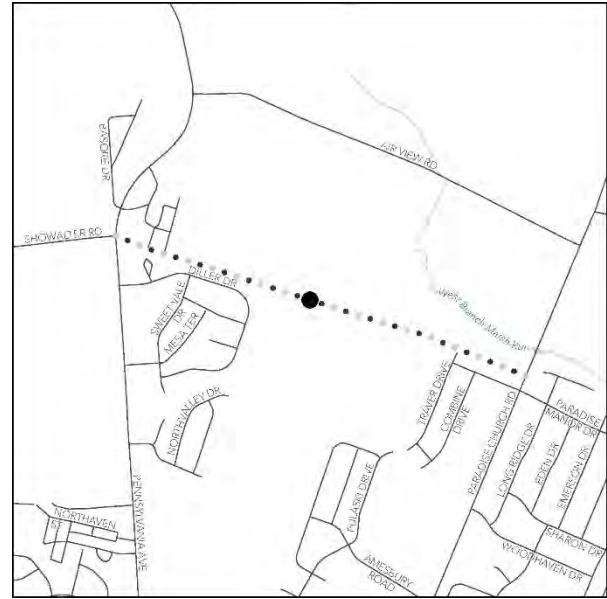


**Project Title** Showalter Road Extended East

**Project ID** RDI068

**Full-time Employees** 0

**Operating Costs** \$4,000



**Project Description** The project involves the extension of Showalter Road from US 11 to Paradise Church Road. The proposed road length is approximately 5,800 LF. Intersection improvements are included at each end of the project.

**Project Assumptions** The project involves construction of a two-lane roadway. No new water and/or sewer network is included in this cost estimate.

**Project Justification** The project is needed to accommodate increased traffic volumes from ongoing development in this area.

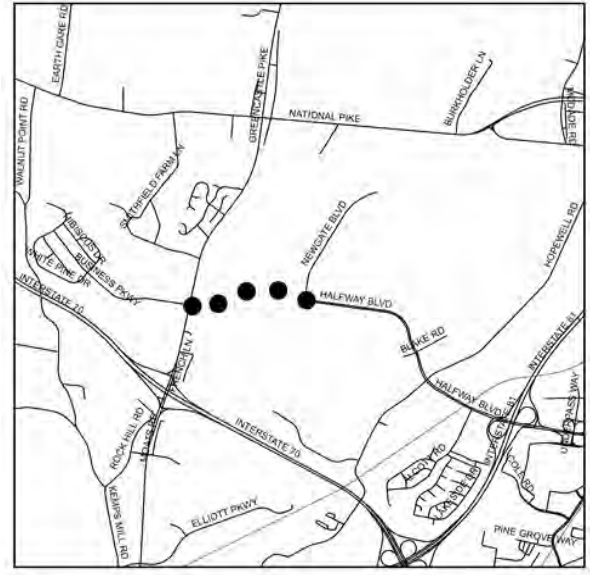
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Engineering and Design	102,000	102,000	0	0	0	0	0	0
Land Acquisition	908,000	408,000	0	0	0	0	0	500,000
<b>Total Cost</b>	<b>1,010,000</b>	<b>510,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	1,010,000	510,000	0	0	0	0	0	500,000
<b>Total Funding</b>	<b>1,010,000</b>	<b>510,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**Project Title** Halfway Boulevard Extended

**Project ID** RDI069

**Full-time Employees** 0

**Operating Costs** \$2,000



**Project Description** The project involves the construction of a new four-lane open section roadway, including a large culvert, connecting existing Halfway Boulevard to MD Route 63. Intersection improvements at Halfway Boulevard extended and MD Route 63 include a traffic signal.

**Project Assumptions** ARC grants totaling \$3,800,000 are being secured for this project. This project is receiving developer contributions for improvements.

**Project Justification** Regional traffic is anticipated to significantly increase, requiring more transportation connectivity in this area. The project provides an alternate access route to MD Route 63, Interstate 70 and Interstate 81 for heavy truck traffic from the industrial park and businesses on Halfway Boulevard. The project area has been identified as an economic development opportunity for the County.

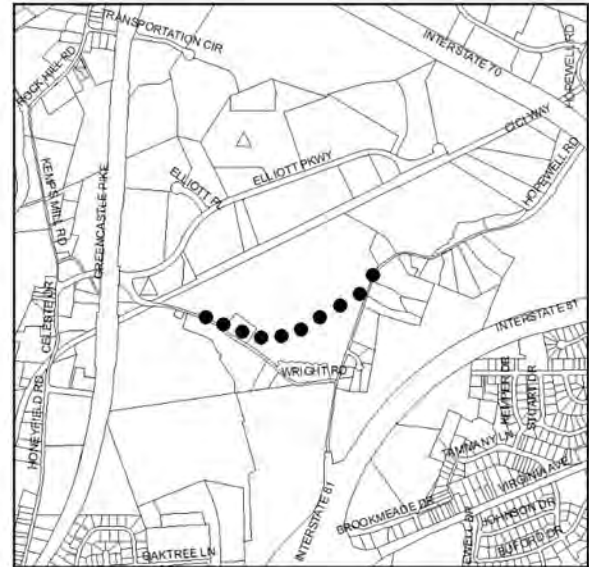
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	6,254,000	5,373,000	750,000	131,000	0	0	0	0
Engineering and Design	100,000	100,000	0	0	0	0	0	0
Inspection	250,000	0	0	250,000	0	0	0	0
Utilities	250,000	0	250,000	0	0	0	0	0
<b>Total Cost</b>	<b>6,854,000</b>	<b>5,473,000</b>	<b>1,000,000</b>	<b>381,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	2,754,000	1,373,000	1,000,000	381,000	0	0	0	0
APFO Fees - Roads	300,000	300,000	0	0	0	0	0	0
Federal Grant	3,800,000	3,800,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>6,854,000</b>	<b>5,473,000</b>	<b>1,000,000</b>	<b>381,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Wright Road

**Project ID** RDI070

**Full-time Employees** 0

**Operating Costs** \$1,000



**Project Description** The project involves the relocation of Wright Road between Hopewell Road and the railroad crossing on Wright Road. The project includes construction of a closed section roadway and will include culvert improvements on Wright Road and Hopewell Road. The project length is approximately 2,000 LF.

**Project Assumptions** No new water and/or sewer network is included in these costs and must be funded from other sources (other projects or private sector investment). ARC grants totaling \$1,000,000 are being secured for this project. Also assumes \$1,400,000 in State Aid.

**Project Justification** Wright Road in this area is currently in the floodplain, and the frequency of flooding impacts motorists and the delivery of public safety services in that area of the County. The project will accommodate increased traffic volumes from development in this area and has been identified as an economic development opportunity for the County.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	2,750,000	1,173,000	1,400,000	125,000	52,000	0	0	0
Engineering and Design	100,000	100,000	0	0	0	0	0	0
Inspection	150,000	0	0	75,000	75,000	0	0	0
<b>Total Cost</b>	<b>3,000,000</b>	<b>1,273,000</b>	<b>1,400,000</b>	<b>200,000</b>	<b>127,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	600,000	273,000	0	200,000	127,000	0	0	0
Federal Grant	1,000,000	1,000,000	0	0	0	0	0	0
State Grant	1,400,000		1,400,000	0	0	0	0	0
<b>Total Funding</b>	<b>3,000,000</b>	<b>1,273,000</b>	<b>1,400,000</b>	<b>200,000</b>	<b>127,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Robinwood Drive Sidewalk Extension

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** This sidewalk extension will provide an ADA accessible sidewalk from Meadowlark Avenue to Academic Boulevard (ADC Map 22, C-7).

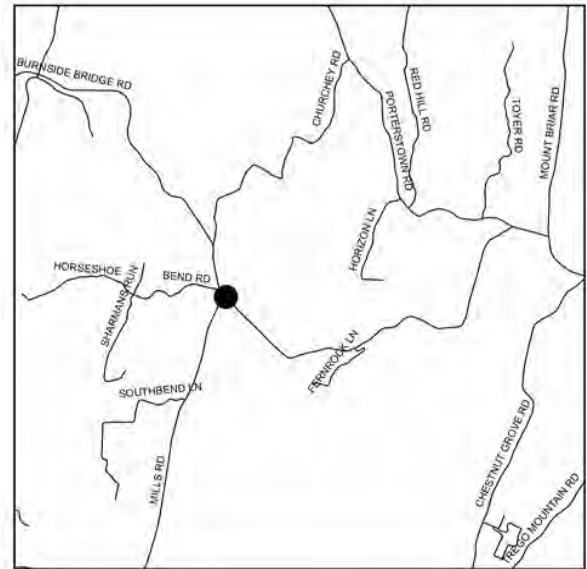
**Project Justification** Pedestrian traffic continues to increase in this area. Sidewalk was added to the north side of the road when Robinwood Drive was widened a few years ago.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	500,000	0	0	0	0	0	0	500,000
Engineering and Design	50,000	0	0	0	0	0	50,000	0
Land Acquisition	200,000	0	0	0	0	0	200,000	0
<b>Total Cost</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>500,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	750,000	0	0	0	0	0	250,000	500,000
<b>Total Funding</b>	<b>750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>500,000</b>

**Project Title** Burnside Bridge Road Spot Improvements

**Full-time Employees** 0

**Operating Costs** \$400



**Project Description** This project will provide for spot road improvements to Burnside Bridge Road at the intersection with Mills Road. The project includes correcting vertical curves and horizontal curves (blind hills).

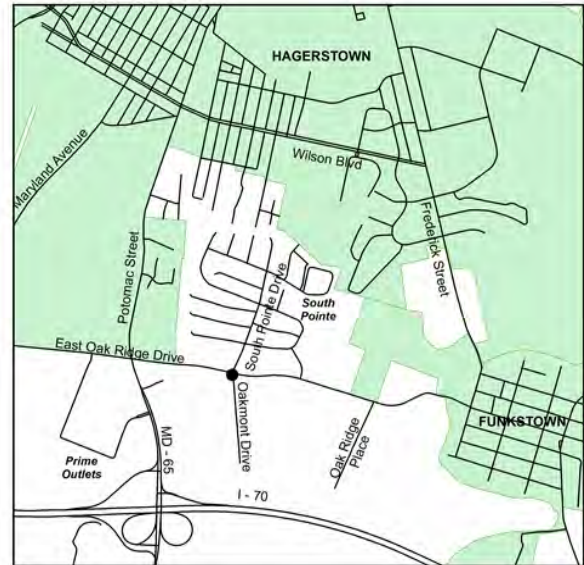
**Project Justification** Burnside Bridge Road at Mills Road intersection has been identified as inadequate as defined in the Road Adequacy Policy.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	295,000	0	0	0	0	0	0	295,000
Engineering and Design	89,000	0	0	0	0	0	0	89,000
Inspection	71,000	0	0	0	0	0	0	71,000
Land Acquisition	30,000	0	0	0	0	0	0	30,000
Utilities	59,000	0	0	0	0	0	0	59,000
<b>Total Cost</b>	<b>544,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>544,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	544,000	0	0	0	0	0	0	544,000
<b>Total Funding</b>	<b>544,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>544,000</b>

**Project Title** E. Oak Ridge Drive/South Pointe Signal

**Full-time Employees** 0

**Operating Costs** \$1,000



**Project Description** This project will construct a traffic signal at the intersection of E. Oak Ridge Drive and South Pointe Drive/Oakmont Drive.

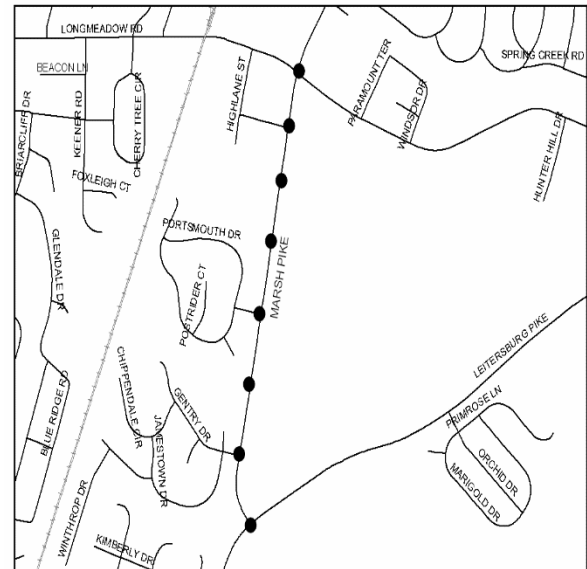
**Project Justification** Traffic volume increases in this area are making turning movements at this location more difficult and potentially unsafe. Once volumes warrant the signal, safety and traffic flow will be improved.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	300,000	0	0	0	0	239,000	61,000	0
Engineering and Design	37,000	0	0	0	0	37,000	0	0
Inspection	50,000	0	0	0	0	0	50,000	0
Land Acquisition	21,000	0	0	0	0	21,000	0	0
Utilities	53,000	0	0	0	0	53,000	0	0
<b>Total Cost</b>	<b>461,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>111,000</b>	<b>0</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	461,000	0	0	0	0	350,000	111,000	0
<b>Total Funding</b>	<b>461,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>111,000</b>	<b>0</b>

**Project Title** Marsh Pike from MD60 to Longmeadow

**Full-time Employees** 0

**Operating Costs** \$2,000



**Project Description** The project will provide road capacity and safety enhancement on Marsh Pike between Leithsburg Pike (MD 60) and Longmeadow Road. The project includes widening of Marsh Pike and will connect Eastern Boulevard Extended to the new intersection at Marsh Pike and Longmeadow Road. The roadway will be a four-lane closed section roadway.

**Project Assumptions** Although full County funding is shown, it is possible that developer contributions may be forthcoming due to APFO obligations. No new water and/or sewer network is included in this cost estimate.

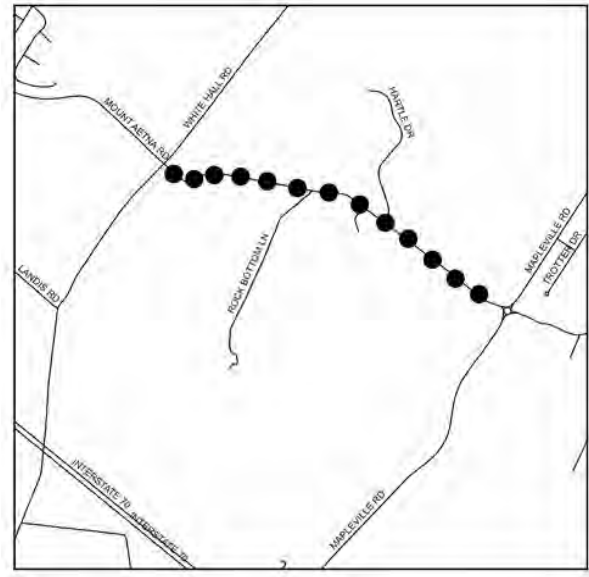
**Project Justification** The project is needed to provide additional road capacity resulting from continued development in this area.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	647,000	0	0	0	0	0	0	647,000
Engineering and Design	150,000	0	0	0	0	0	0	150,000
Land Acquisition	600,000	0	0	0	0	0	0	600,000
Utilities	100,000	0	0	0	0	0	0	100,000
<b>Total Cost</b>	<b>1,497,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,497,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	1,497,000	0	0	0	0	0	0	1,497,000
<b>Total Funding</b>	<b>1,497,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,497,000</b>

**Project Title** Mt Aetna Road Spot Improvements

**Full-time Employees** 0

**Operating Costs** \$3,000



**Project Description** The project includes providing spot improvements to Mt Aetna Road to improve sight distance, and vertical/horizontal curves.

**Project Justification** Mt Aetna Road has several locations that have been identified as inadequate as defined in the "Road Adequacy Policy". Development in the vicinity has caused an increase in traffic.

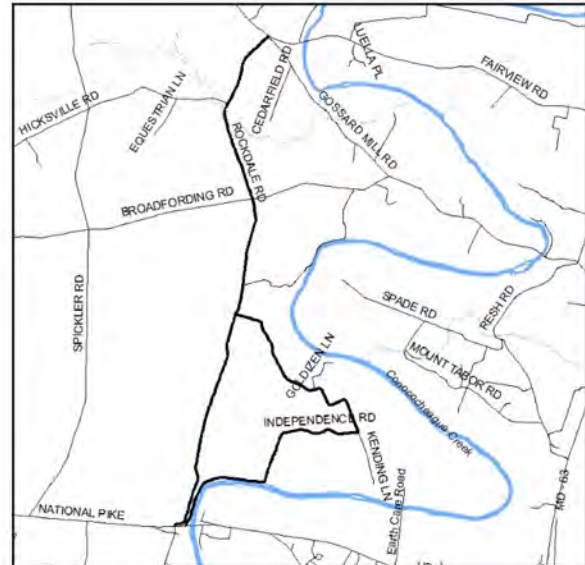
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	2,172,000	0	0	0	0	0	0	2,172,000
Land Acquisition	250,000	0	0	0	0	0	0	250,000
<b>Total Cost</b>	<b>2,422,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,422,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	2,422,000	0	0	0	0	0	0	2,422,000
<b>Total Funding</b>	<b>2,422,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,422,000</b>



**Project Title** Rockdale Road and Independence Road Spot Improvements

**Full-time Employees** 0

**Operating Costs** \$3,600



**Project Description** The project will provide for spot road improvements on Rockdale Road and Independence Road.

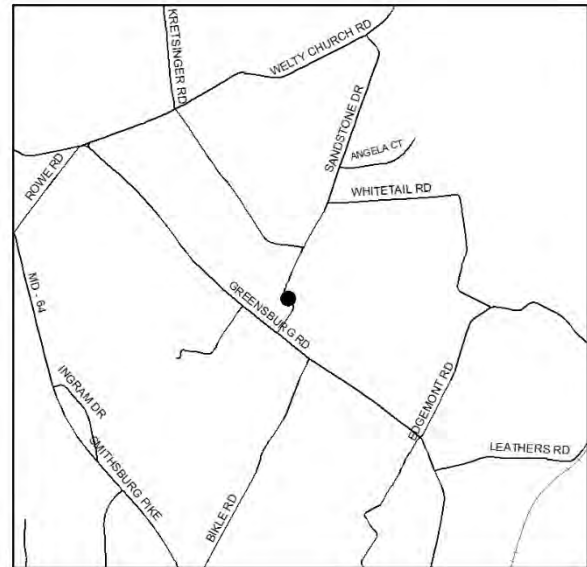
**Project Justification** Portions of Rockdale Road and Independence Road have been identified as inadequate as defined in the Road Adequacy Policy.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	800,000	0	0	0	0	0	0	800,000
Inspection	75,000	0	0	0	0	0	0	75,000
Land Acquisition	100,000	0	0	0	0	0	0	100,000
Utilities	50,000	0	0	0	0	0	0	50,000
<b>Total Cost</b>	<b>1,025,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,025,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	1,025,000	0	0	0	0	0	0	1,025,000
<b>Total Funding</b>	<b>1,025,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,025,000</b>

**Project Title** Sandstone Drive Spot Improvements

**Full-time Employees** 0

**Operating Costs** \$900



**Project Description** The project will provide for spot road improvements in the 13000 block of Sandstone Drive (ADC Map 12, H-11) to improve sight distance and horizontal curves.

**Project Assumptions** An additional right-of-way is required for this project.

**Project Justification** This project will eliminate two sharp curves and improve sight distance.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	450,000	0	0	0	0	0	0	450,000
Inspection	25,000	0	0	0	0	0	0	25,000
Land Acquisition	25,000	0	0	0	0	0	0	25,000
<b>Total Cost</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Funding Sources:</b>								
Tax-Supported Bond	500,000	0	0	0	0	0	0	500,000
<b>Total Funding</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

**Project Title** Highway - Equipment and Vehicle Replacement Program

**Project ID** EQP042

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** This project will replace vehicles and heavy/specialized equipment for maintenance and construction activity.

**Project Assumptions** Recommendation for replacement is based on a review of policy, equipment condition, and consideration of funding levels that exist.

**Project Justification** The County maintains an inventory of specialized and heavy equipment for maintenance and construction activities. Each year, the Public Works Department analyzes the condition of this equipment to identify candidates for replacement. This analysis is conducted in conjunction with the user departments and focuses on factors such as age, mileage and/or hours, and life-to-date repair history.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	13,302,187	1,770,187	907,000	1,125,000	1,150,000	1,150,000	1,200,000	6,000,000
<b>Total Cost</b>	<b>13,302,187</b>	<b>1,770,187</b>	<b>907,000</b>	<b>1,125,000</b>	<b>1,150,000</b>	<b>1,150,000</b>	<b>1,200,000</b>	<b>6,000,000</b>
<b>Funding Sources:</b>								
General Fund	8,163,187	1,450,187	588,000	625,000	650,000	650,000	700,000	3,500,000
Highway Fund	5,139,000	320,000	319,000	500,000	500,000	500,000	500,000	2,500,000
<b>Total Funding</b>	<b>13,302,187</b>	<b>1,770,187</b>	<b>907,000</b>	<b>1,125,000</b>	<b>1,150,000</b>	<b>1,150,000</b>	<b>1,200,000</b>	<b>6,000,000</b>

**Project Title** Highway Maintenance Shop - Western Section

**Project ID** BLD084

**Full-time Employees** 0

**Operating Costs** \$3,000



**Project Description** This project will provide for the construction of a 1,500 SF building addition to the garage area at the western section highway maintenance shop. Additional space is needed to perform maintenance on vehicles, which currently must occur outside (including during inclement weather).

**Project Assumptions** The site is a highway maintenance facility in a remote area critical for winter weather operations and response to public emergency situations.

**Project Justification** Highway maintenance is a core county service.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	337,000	0	337,000	0	0	0	0	0
Engineering and Design	37,000	0	37,000	0	0	0	0	0
<b>Total Cost</b>	<b>374,000</b>	<b>0</b>	<b>374,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Transfer Tax	374,000	0	374,000	0	0	0	0	0
<b>Total Funding</b>	<b>374,000</b>	<b>0</b>	<b>374,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** HWY Western Section - Fuel Tank Replacement

**Project ID** EQP056

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project will replace the existing diesel fuel center and add a gasoline fuel center at the western highway maintenance facility. The existing underground diesel storage tanks are old style steel tanks under impressed current cathodic protection. The addition of new gasoline tanks will provide 24 hour 7 days a week access for all county vehicles including Sheriff's Office and Board of Education vehicles operating in the western part of the County. The project includes modernizing the existing pump, addition of new pump, adding controlled access and integrated software systems to match existing fuel center systems used elsewhere in County government to provide connectivity to the central section highway shop software tracking system for billing and data collection. The project also includes a motorized entrance gate.

**Project Assumptions** Tanks are 20+ years old and present an increased liability of an environmental release. This project will reduce operating expenses associated with fuel usage and vehicle maintenance.

**Project Justification** This project will dramatically reduce the environmental threat of a leaking underground tank and pipes. This project will allow vehicles and employees operating in the western portion of the County, including law enforcement officers to remain in the area of service. By constructing this facility, these employees will not be taken out of their coverage area to refuel their vehicle.

	Total	Prior Appr.	2023	2024	2025	2027	Future	Future
<b>Project Costs:</b>								
Construction	776,000	595,000	181,000	0	0	0	0	0
Engineering and Design	20,000	20,000	0	0	0	0	0	0
Inspection	51,000	51,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>847,000</b>	<b>666,000</b>	<b>181,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	8,000	8,000	0	0	0	0	0	0
Highway Fund	737,000	556,000	181,000	0	0	0	0	0
Tax-Supported Bond	102,000	102,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>847,000</b>	<b>666,000</b>	<b>181,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



# Solid Waste

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## Solid Waste Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

		Budget Year			Ten Year Capital Program			
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs</b>								
200 Contingency - Solid Waste	587,000	83,000	30,000	30,000	35,000	35,000	60,000	314,000
201 40 West Storage Building Replacement	350,000	0	350,000	0	0	0	0	0
202 40 West Fuel System Upgrades	75,000	0	75,000	0	0	0	0	0
203 SW Equipment & Vehicle Replacement	520,417	169,417	33,000	34,000	34,000	35,000	35,000	180,000
204 40 West Landfill - Cell 5 Construction	4,083,000	0	0	440,000	3,472,000	171,000	0	0
205 Mechanics Crane Truck Replacement	150,000	0	0	150,000	0	0	0	0
<b>TOTAL</b>	<b>5,765,417</b>	<b>252,417</b>	<b>488,000</b>	<b>654,000</b>	<b>3,541,000</b>	<b>241,000</b>	<b>95,000</b>	<b>494,000</b>
<b>Funding Sources</b>								
General Fund	34,000	34,000	0	0	0	0	0	0
Solid Waste Fund	1,298,417	218,417	138,000	214,000	69,000	70,000	95,000	494,000
Self-Supported Bond	4,433,000	0	350,000	440,000	3,472,000	171,000	0	0
<b>TOTAL</b>	<b>5,765,417</b>	<b>252,417</b>	<b>488,000</b>	<b>654,000</b>	<b>3,541,000</b>	<b>241,000</b>	<b>95,000</b>	<b>494,000</b>



**Project Title**                      **Contingency - Solid Waste****Project ID**                      ADM009**Full-time Employees**        0**Operating Costs**            \$0

**Project Description**        The purpose of this project is to maintain a budgetary reserve to provide for emergency or unanticipated expenditures.

**Project Justification**        Due to the inherent uncertainty in estimating capital project costs, it is the policy of the County to maintain project contingency. In the event that the capital contingency accounts have excess funds, the annual appropriation for that purpose may be modified to reflect the source of funds as determined through the budget process.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Contingency	587,000	83,000	30,000	30,000	35,000	35,000	60,000	314,000
<b>Total Cost</b>	<b>587,000</b>	<b>83,000</b>	<b>30,000</b>	<b>30,000</b>	<b>35,000</b>	<b>35,000</b>	<b>60,000</b>	<b>314,000</b>
<b>Funding Sources:</b>								
Solid Waste Fund	587,000	83,000	30,000	30,000	35,000	35,000	60,000	314,000
<b>Total Funding</b>	<b>587,000</b>	<b>83,000</b>	<b>30,000</b>	<b>30,000</b>	<b>35,000</b>	<b>35,000</b>	<b>60,000</b>	<b>314,000</b>

**Project Title** 40 West Storage Building Replacement

**Project ID** BLD114

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The construction of a new storage building will eliminate three existing failing structures at the landfill.

**Project Justification** There are three existing structures currently used for storage of various items that need demolished due to the condition. This building will replace the three structures.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	350,000	0	350,000	0	0	0	0	0
<b>Total Cost</b>	<b>350,000</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Self-Supported Bond	350,000	0	350,000	0	0	0	0	0
<b>Total Funding</b>	<b>350,000</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                    **40 West Fuel System Upgrades**

**Project ID**                      EQP071

**Full-time Employees**        0

**Operating Costs**              \$0

**Project Description**        The project will replace the fuel pumps at the 40 West Landfill.

**Project Justification**        The fuel pumps are showing inconsistent meter readings. These readings are needed for the monthly reports submitted to the State.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	75,000	0	75,000	0	0	0	0	0
<b>Total Cost</b>	<b>75,000</b>	<b>0</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Solid Waste Fund	75,000	0	75,000	0	0	0	0	0
<b>Total Funding</b>	<b>75,000</b>	<b>0</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** SW Equipment & Vehicle Replacement Program

**Project ID** VEH011

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project will replace heavy equipment and vehicles that are beyond their useful life, which are typically the costliest to maintain. In line with the objectives of a well-managed organization, Solid Waste wants to establish an equipment and fleet replacement program that will, in time, set the vehicle and equipment replacement cycle in line with best practices, minimizing operating and maintenance costs.

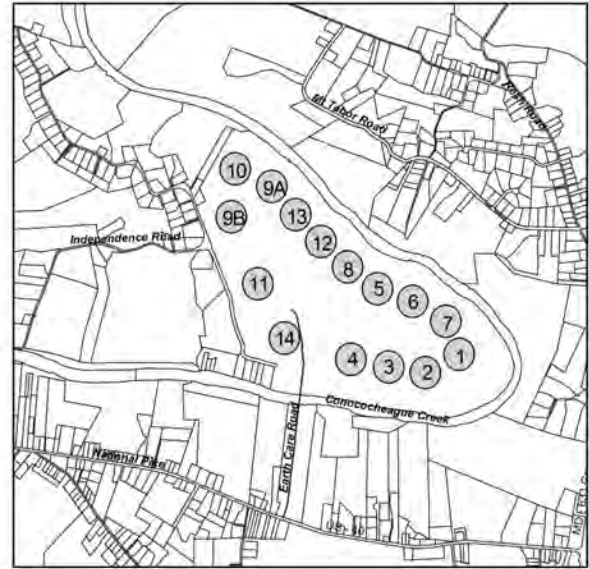
**Project Justification** The goal of the replacement program is to strike a balance for minimizing replacement costs versus maintenance and fuel costs. The program allows for the purchase of replacement vehicles and equipment used to provide services.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	105,500	105,500	0	0	0	0	0	0
Vehicles	414,917	63,917	33,000	34,000	34,000	35,000	35,000	180,000
<b>Total Cost</b>	<b>520,417</b>	<b>169,417</b>	<b>33,000</b>	<b>34,000</b>	<b>34,000</b>	<b>35,000</b>	<b>35,000</b>	<b>180,000</b>
<b>Funding Sources:</b>								
General Fund	34,000	34,000	0	0	0	0	0	0
Solid Waste Fund	486,417	135,417	33,000	34,000	34,000	35,000	35,000	180,000
<b>Total Funding</b>	<b>520,417</b>	<b>169,417</b>	<b>33,000</b>	<b>34,000</b>	<b>34,000</b>	<b>35,000</b>	<b>35,000</b>	<b>180,000</b>

**Project Title**                **40 West Landfill - Cell 5 Construction**

**Full-time Employees**     0

**Operating Costs**          \$200,000



**Project Description**        Design, construction, and inspection of a landfill cell at the 40 West Landfill.

**Project Assumptions**      This project will be needed if no recycling facility has been built at 40 West or no other method of dealing with solid waste has been adopted.

**Project Justification**       Cell 5 is the next cell in the progression of the future build out of the 40 West Landfill. This cell will be needed to continue regular operations.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	3,474,000	0	0	0	3,360,000	114,000	0	0
Engineering and Design	440,000	0	0	440,000	0	0	0	0
Inspection	169,000	0	0	0	112,000	57,000	0	0
<b>Total Cost</b>	<b>4,083,000</b>	<b>0</b>	<b>0</b>	<b>440,000</b>	<b>3,472,000</b>	<b>171,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Self-Supported Bond	4,083,000	0	0	440,000	3,472,000	171,000	0	0
<b>Total Funding</b>	<b>4,083,000</b>	<b>0</b>	<b>0</b>	<b>440,000</b>	<b>3,472,000</b>	<b>171,000</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Mechanic's Crane Truck Replacement**

**Full-time Employees**              0

**Operating Costs**                      \$0

**Project Description**                      Replace the Solid Waste Mechanic's Crane Truck

**Project Justification**                      The current truck is 22 years old and experiencing issues due to its age.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Vehicles	150,000	0	0	150,000	0	0	0	0
<b>Total Cost</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Solid Waste Fund	150,000	0	0	150,000	0	0	0	0
<b>Total Funding</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



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# Transit

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## Transit Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

		Budget Year				Ten Year Capital Program			
		Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs								
208	Vehicle Preventive Maintenance	3,120,307	495,307	0	0	0	375,000	375,000	1,875,000
209	Fixed Route Bus Replacement Program	4,823,644	3,923,644	0	0	0	0	900,000	0
210	ADA Bus Replacement	509,508	89,508	0	0	0	105,000	0	315,000
211	Transportation Development Plan	100,000	0	0	0	0	0	100,000	0
TOTAL		8,553,459	4,508,459	0	0	0	480,000	1,375,000	2,190,000
Funding Sources									
	General Fund	846,075	446,075	0	0	0	47,000	137,000	216,000
	Capital Reserve - General	9,000	9,000	0	0	0	0	0	0
	Federal Grant	6,892,384	3,656,384	0	0	0	384,000	1,100,000	1,752,000
	State Grant	806,000	397,000	0	0	0	49,000	138,000	222,000
TOTAL		8,553,459	4,508,459	0	0	0	480,000	1,375,000	2,190,000

**Project Title**                      **Vehicle Maintenance Program**

**Project ID**                        EQP021

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**            This project will provide for preventative maintenance and repairs of transit vehicles and facilities.

**Project Assumptions**           The project assumes funding 80% Federal, 10% State, 10% Local and is contingent on grant funding. Federal Transit Administration (FTA) determinations now allow for expenses such as tools, equipment, repair materials, and preventative care for the fleet of transit vehicles and transit facilities to be capitalized.

**Project Justification**           Maintaining federally funded assets is a priority to the Federal Transit Administration (FTA), Maryland Transit Administration (MTA) and Washington County Transit (WCT).

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	3,120,307	495,307	0	0	0	375,000	375,000	1,875,000
<b>Total Cost</b>	<b>3,120,307</b>	<b>495,307</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>	<b>375,000</b>	<b>1,875,000</b>
<b>Funding Sources:</b>								
General Fund	346,923	87,923	0	0	0	37,000	37,000	185,000
Federal Grant	2,507,384	407,384	0	0	0	300,000	300,000	1,500,000
State Grant	266,000	0	0	0	0	38,000	38,000	190,000
<b>Total Funding</b>	<b>3,120,307</b>	<b>495,307</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>	<b>375,000</b>	<b>1,875,000</b>

**Project Title** Fixed Route Bus Replacement Program

**Project ID** VEH003

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** FY 27 - replace two (2) Fixed-Route Transit buses, Unit 713, 714 which will become 726, 727.  
FY 33 - replace six (6) Fixed-Route Transit buses, Unit 715-720 which will become 728-733.  
FY 35 - replace five (5) Fixed-Route Transit buses, Unit 721-725 which will become 734 - 738.

**Project Assumptions** All out-year procurements will be based on available grant funds from MTA and local match approval. Dollar figures shown are provided by MTA based on the current small/mid-size bus contract. The project funding assumes 80% Federal, 10% State, 10% Local.

**Project Justification** Following the Maryland Transit Administration (MTA) useful life criteria, MTA provides grant funding to replace existing vehicles when they reach the end of the useful life criteria. Out years are projected based on the current useful life schedule.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Vehicles	4,823,644	3,923,644	0	0	0	0	900,000	0
<b>Total Cost</b>	<b>4,823,644</b>	<b>3,923,644</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	439,644	349,644	0	0	0	0	90,000	0
Federal Grant	3,897,000	3,177,000	0	0	0	0	720,000	0
State Grant	487,000	397,000	0	0	0	0	90,000	0
<b>Total Funding</b>	<b>4,823,644</b>	<b>3,923,644</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>900,000</b>	<b>0</b>

**Project Title** ADA Bus Replacement

**Project ID** VEH005

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** FY 26 - Replace one (1) ADA Program bus (Unit 508) becomes 511  
 FY 28 - Replace two (2) ADA Program buses (Unit 509, 510) becomes 512, 513  
 FY 31 - Replace one (1) ADA Program bus (Unit 511) becomes 514  
 FY 33 - Replace two (2) ADA Program buses (Unit 512, 513) becomes 515, 516

**Project Assumptions** All out-year procurements will be based on available grant funds from MTA and local match approval. Dollar figures shown are provided by MTA based on the current small/mid-size bus contract. The project funding assumes 80% Federal, 10% State, 10% Local.

**Project Justification** Following the Maryland Transit Administration (MTA) useful life criteria, MTA provides grant funding to replace existing vehicles when they reach the end of the useful life criteria. Out years are projected based on the current useful life schedule.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Vehicles	509,508	89,508	0	0	0	105,000	0	315,000
<b>Total Cost</b>	<b>509,508</b>	<b>89,508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105,000</b>	<b>0</b>	<b>315,000</b>
<b>Funding Sources:</b>								
General Fund	49,508	8,508	0	0	0	10,000	0	31,000
Capital Reserve - General	9,000	9,000	0	0	0	0	0	0
Federal Grant	408,000	72,000	0	0	0	84,000	0	252,000
State Grant	43,000	0	0	0	0	11,000	0	32,000
<b>Total Funding</b>	<b>509,508</b>	<b>89,508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105,000</b>	<b>0</b>	<b>315,000</b>

**Project Title**                      **Transportation Development Plan**

**Project ID**                        STY016

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**            The Transportation Development Plan (TDP) is a 5-year plan that provides a short-range vision of public transportation in Washington County and help guide transportation decisions over the next five years.

**Project Assumptions**          The project assumes funding 80% Federal, 10% State, 10% Local and is contingent on grant funding.

**Project Justification**           The Maryland Transit Administration (MTA) requires the Locally Operated Transit Systems (LOTS) in Maryland to conduct a Transportation Development Plan every five years. The LOTS then use their TDPs as a basis for preparing their Annual Transportation Plan (ATP) to obtain grant funding.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Other	100,000	0	0	0	0	0	100,000	0
<b>Total Cost</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	10,000	0	0	0	0	0	10,000	0
Federal Grant	80,000	0	0	0	0	0	80,000	0
State Grant	10,000	0	0	0	0	0	10,000	0
<b>Total Funding</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>



# Water Quality

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## Water Quality Capital Improvement Ten Year Summary Fiscal Year 2023 - 2032

			Budget Year		Ten Year Capital Program			
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
Page	Project Costs							
<u>Water Quality</u>								
<u>Utility Administration</u>								
214	Contingency - Utility Admin	139,177	44,177	0	0	0	0	95,000
215	General Building Improvements	964,000	30,000	40,000	300,000	594,000	0	0
216	Lab Equipment Replacement	404,117	160,117	25,000	23,000	23,000	24,000	125,000
217	WQ Equip/Vehicle Replacement Program	1,223,580	333,580	80,000	80,000	85,000	85,000	90,000
Utility Administration Total		2,730,874	567,874	145,000	403,000	702,000	109,000	690,000
<u>Wastewater Utility</u>								
218	Contingency - Sewer	176,939	26,939	0	0	0	0	150,000
219	Replace Grinder Pumps	1,238,710	143,710	125,000	125,000	125,000	125,000	470,000
220	Pump Station Upgrades - Various Stations	5,443,447	1,955,447	153,000	0	200,000	885,000	0
221	Collection System Rehabilitation Project	3,228,398	158,398	0	0	670,000	0	900,000
222	Capacity Management Project	16,202,160	11,202,160	5,000,000	0	0	0	0
223	Sandy Hook Collection System Upgrades	175,000	100,000	25,000	25,000	25,000	0	0
224	Smithsburg WWTP ENR Upgrade	26,875,557	8,375,557	3,000,000	0	0	0	15,500,000
225	General WwTP Improvements	1,350,000	0	250,000	250,000	300,000	250,000	300,000
226	Heavy Sewer EQP and VEH Replacement	1,270,354	281,354	94,000	200,000	200,000	200,000	105,000
227	Potomac Edison Pump Station & Force Main	1,700,000	0	0	0	0	0	1,700,000
Wastewater Utility Total		57,660,565	22,243,565	8,647,000	600,000	1,520,000	1,460,000	1,430,000
<u>Water Utility</u>								
228	Sharpsburg Water Meter Cradle Replacement	1,000,000	625,000	375,000	0	0	0	0
229	Water Meter Replacement	290,339	140,339	15,000	15,000	15,000	15,000	15,000
230	Mt Aetna Water System Improvements	729,000	130,000	599,000	0	0	0	0
231	Sharpsburg Well	330,000	30,000	300,000	0	0	0	0
232	WQ Main Replacement	2,366,000	0	566,000	100,000	100,000	0	0
233	Sharpsburg Water Treatment Plant	655,343	65,343	0	0	0	590,000	0
234	General WTP Improvements	1,391,000	69,000	242,000	290,000	0	0	290,000
235	Highfield/Sharpsburg Water Storage Tank	336,000	0	0	0	0	0	336,000
Water Utility Total		7,097,682	1,059,682	2,097,000	405,000	115,000	605,000	305,000
TOTAL		67,489,121	23,871,121	10,889,000	1,408,000	2,337,000	2,174,000	1,849,000
Funding Sources								
	General Fund	134,400	134,400	0	0	0	0	0
	Cascade Fund	13,000	13,000	0	0	0	0	0
	Utility Admin Fund	1,763,900	534,900	105,000	103,000	108,000	109,000	114,000
	Water Fund	431,339	281,339	15,000	15,000	15,000	15,000	15,000
	Sewer Fund	4,630,540	2,321,540	244,000	350,000	350,000	325,000	230,000
	Self-Supported Bond	45,648,198	16,143,198	2,750,000	915,000	1,539,000	1,725,000	1,175,000
	State Loan	3,972,170	3,972,170	0	0	0	0	0
	Federal Grant	7,800,000	125,000	7,675,000	0	0	0	0
	State Grant	1,375,000	325,000	100,000	25,000	325,000	0	315,000
	Contributions	1,720,574	20,574	0	0	0	0	1,700,000
TOTAL		67,489,121	23,871,121	10,889,000	1,408,000	2,337,000	2,174,000	1,849,000



**Project Title**                      **Contingency - Utility Admin**

**Project ID**                        ADM003

**Full-time Employees**        0

**Operating Costs**              \$0

**Project Description**        The project provides a budgetary reserve for emergency or unanticipated expenditures.

**Project Justification**        Due to the inherent uncertainty in estimating capital project costs, it is the policy of the County to maintain project contingency. In the event that the capital contingency accounts have excess funds, the annual appropriation for the purpose may be modified to reflect the source of funds as determined through the budget process.

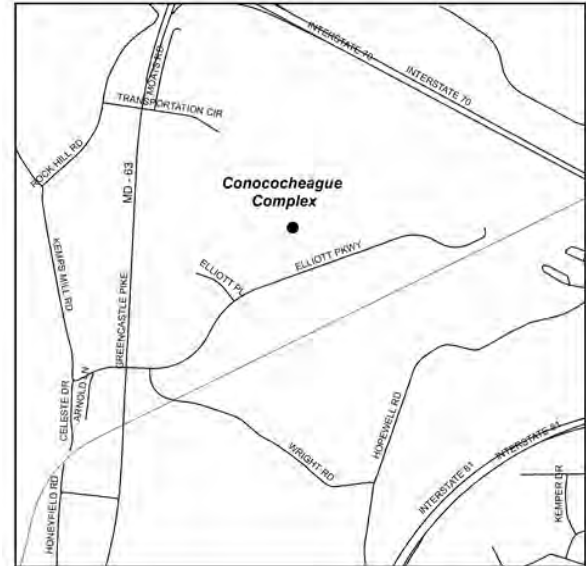
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Contingency	139,177	44,177	0	0	0	0	0	95,000
<b>Total Cost</b>	<b>139,177</b>	<b>44,177</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>95,000</b>
<b>Funding Sources:</b>								
General Fund	29,400	29,400	0	0	0	0	0	0
Utility Admin Fund	109,777	14,777	0	0	0	0	0	95,000
<b>Total Funding</b>	<b>139,177</b>	<b>44,177</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>95,000</b>

**Project Title** General Building Improvements

**Project ID** BLD073

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project will provide for general building improvements to the administration office building and maintenance buildings as well as associated paving on the Conococheague Complex.

**Project Justification** The buildings are in need of improvements due to normal aging and recommendations by the manufacturer of the building.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	964,000	30,000	40,000	300,000	594,000	0	0	0
<b>Total Cost</b>	<b>964,000</b>	<b>30,000</b>	<b>40,000</b>	<b>300,000</b>	<b>594,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Self-Supported Bond	964,000	30,000	40,000	300,000	594,000	0	0	0
<b>Total Funding</b>	<b>964,000</b>	<b>30,000</b>	<b>40,000</b>	<b>300,000</b>	<b>594,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **Lab Equipment Replacement**

**Project ID**                        EQP063

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        The project will replace / upgrade existing lab testing equipment.

**Project Justification**        The existing lab equipment has reached its useful life and needs to be replaced / upgraded.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	404,117	160,117	25,000	23,000	23,000	24,000	24,000	125,000
<b>Total Cost</b>	<b>404,117</b>	<b>160,117</b>	<b>25,000</b>	<b>23,000</b>	<b>23,000</b>	<b>24,000</b>	<b>24,000</b>	<b>125,000</b>
<b>Funding Sources:</b>								
Utility Admin Fund	404,117	160,117	25,000	23,000	23,000	24,000	24,000	125,000
<b>Total Funding</b>	<b>404,117</b>	<b>160,117</b>	<b>25,000</b>	<b>23,000</b>	<b>23,000</b>	<b>24,000</b>	<b>24,000</b>	<b>125,000</b>

**Project Title** WQ Equip/Vehicle Replacement Program

**Project ID** VEH007

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project will replace heavy equipment and vehicles that are beyond their useful life, which are typically the costliest to maintain. In line with the objectives of a well-managed organization, Water Quality wants to establish an equipment and fleet replacement program that will, in time, set the vehicle and equipment replacement cycle in line with best practices, minimizing operating and maintenance costs.

**Project Justification** The goal of the replacement program is to strike a balance for minimizing replacement costs versus maintenance and fuel costs. The program allows for the purchase of replacement vehicles and equipment used to provide services within the Water Quality service areas.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	75,318	75,318	0	0	0	0	0	0
Vehicles	1,148,262	258,262	80,000	80,000	85,000	85,000	90,000	470,000
<b>Total Cost</b>	<b>1,223,580</b>	<b>333,580</b>	<b>80,000</b>	<b>80,000</b>	<b>85,000</b>	<b>85,000</b>	<b>90,000</b>	<b>470,000</b>
<b>Funding Sources:</b>								
Utility Admin Fund	1,203,006	313,006	80,000	80,000	85,000	85,000	90,000	470,000
Contributions	20,574	20,574	0	0	0	0	0	0
<b>Total Funding</b>	<b>1,223,580</b>	<b>333,580</b>	<b>80,000</b>	<b>80,000</b>	<b>85,000</b>	<b>85,000</b>	<b>90,000</b>	<b>470,000</b>

**Project Title**                      **Contingency - Sewer**

**Project ID**                         ADM008

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**            This project is a budgetary reserve to provide for emergency or unanticipated expenditures.

**Project Justification**           Due to the inherent uncertainty in estimating capital project costs, it is the policy of the County to maintain project contingency. In the event that the capital contingency accounts have excess funds, the annual appropriation for the purpose may be modified to reflect the source of funds as determined through the budget process.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Contingency	176,939	26,939	0	0	0	0	0	150,000
<b>Total Cost</b>	<b>176,939</b>	<b>26,939</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>Funding Sources:</b>								
Sewer Fund	176,939	26,939	0	0	0	0	0	150,000
<b>Total Funding</b>	<b>176,939</b>	<b>26,939</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>

**Project Title** Replace Grinder Pumps

**Project ID** EQP055

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project will provide the replacement of core units of aging infrastructure and will extend the life of the system.

**Project Justification** Some of the existing grinder pumps have reached their life expectancy and need to be replaced.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	1,238,710	143,710	125,000	125,000	125,000	125,000	125,000	470,000
<b>Total Cost</b>	<b>1,238,710</b>	<b>143,710</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>470,000</b>
<b>Funding Sources:</b>								
Sewer Fund	1,238,710	143,710	125,000	125,000	125,000	125,000	125,000	470,000
<b>Total Funding</b>	<b>1,238,710</b>	<b>143,710</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>125,000</b>	<b>470,000</b>

**Project Title** Pump Station Upgrades - Various Stations

**Project ID** LIN034

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project includes electrical and equipment upgrades.

**Project Justification** Upgrades are required to address aging equipment issues.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	5,443,447	1,955,447	153,000	0	200,000	885,000	0	2,250,000
<b>Total Cost</b>	<b>5,443,447</b>	<b>1,955,447</b>	<b>153,000</b>	<b>0</b>	<b>200,000</b>	<b>885,000</b>	<b>0</b>	<b>2,250,000</b>
<b>Funding Sources:</b>								
Utility Admin Fund	47,000	47,000	0	0	0	0	0	0
Sewer Fund	204,683	204,683	0	0	0	0	0	0
Self-Supported Bond	5,191,764	1,703,764	153,000	0	200,000	885,000	0	2,250,000
<b>Total Funding</b>	<b>5,443,447</b>	<b>1,955,447</b>	<b>153,000</b>	<b>0</b>	<b>200,000</b>	<b>885,000</b>	<b>0</b>	<b>2,250,000</b>

**Project Title**                      **Collection System Rehabilitation Project**

**Project ID**                         LIN040

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**        This project will rehabilitate existing sewer lines.

**Project Assumptions**       Grant estimate based on last I&I project. Grant funds estimated at 35%.

**Project Justification**        The Collection Systems in the County are aging and showing normal deterioration which requires repairs, slip lining or replacement to reduce the amount of Inflow and Infiltration (I&I) entering the system and to reduce the potential of line breaks and sewer overflows. I&I impacts the budget by increasing the amount of water requiring treatment without increasing the revenue to pay for this expense. Sewer line breaks and sewer overflows cause environmental issues.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	3,228,398	158,398	0	0	670,000	0	900,000	1,500,000
<b>Total Cost</b>	<b>3,228,398</b>	<b>158,398</b>	<b>0</b>	<b>0</b>	<b>670,000</b>	<b>0</b>	<b>900,000</b>	<b>1,500,000</b>
<b>Funding Sources:</b>								
Sewer Fund	140,235	140,235	0	0	0	0	0	0
Self-Supported Bond	2,213,163	18,163	0	0	370,000	0	585,000	1,240,000
State Grant	875,000	0	0	0	300,000	0	315,000	260,000
<b>Total Funding</b>	<b>3,228,398</b>	<b>158,398</b>	<b>0</b>	<b>0</b>	<b>670,000</b>	<b>0</b>	<b>900,000</b>	<b>1,500,000</b>

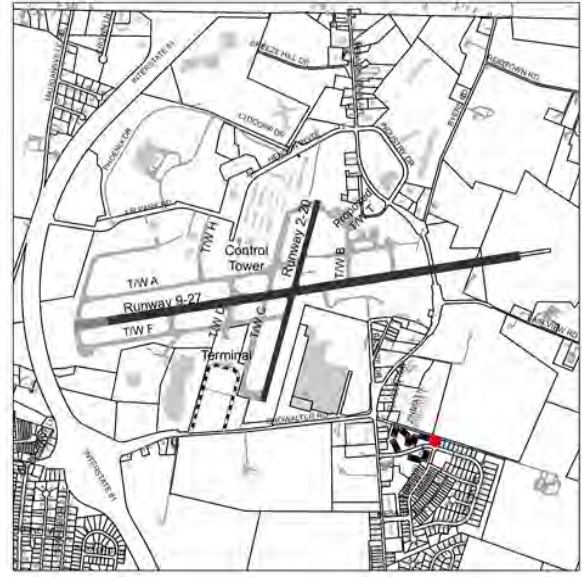


**Project Title** Capacity Management Project

**Project ID** LIN042

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Capacity Management has been expanded to include the following: Phase I – Construct a new regional pump station to service the Maugansville area. The new pump station will pump the sewage to the Cedar Lawn area where it will be discharged into the County’s gravity collection system. Gravity lines will be constructed from the new station to Maugansville and Maugans Meadow’s pump stations. Once the new station is on-line the existing Maugansville and Maugans Meadow’s pump stations will be taken off-line. Phase II – Construct a new gravity line from the regional station to the Garden Spot pump station. At this time, the Garden Spot pump station will be taken off-line. Phase III – Construct a new gravity line from Garden Spot pump station to Freedom Hills pump station. At this time, the Freedom Hill pump station will be taken off-line.

**Project Assumptions** Assumes use of ARPA funds of \$4 Million.

**Project Justification** Currently the Maugansville Collection area is approaching its design capacity. This project will redirect flow from this area to another drainage area providing capacity relief and facilitating economic growth in the drainage area.

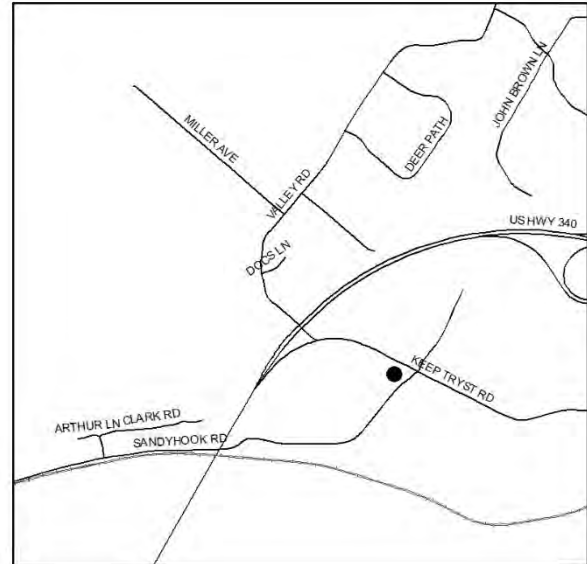
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	15,682,160	10,682,160	5,000,000	0	0	0	0	0
Land Acquisition	520,000	520,000	0	0	0	0	0	0
<b>Total Cost</b>	<b>16,202,160</b>	<b>11,202,160</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Sewer Fund	74,567	74,567	0	0	0	0	0	0
Self-Supported Bond	12,127,593	11,127,593	1,000,000	0	0	0	0	0
Funding Grant	4,000,000	0	4,000,000	0				
<b>Total Funding</b>	<b>16,202,160</b>	<b>11,202,160</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title** Sandy Hook Collection System Upgrades

**Project ID** LIN045

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** Washington County maintains the grinder pump system in Sandy Hook. Due to aging of infrastructure, flooding, and other issues the wiring from the pumps to the control panels have become fused and need replaced. The work will be completed one section (panel) at a time until complete.

**Project Justification** Multiple issues have occurred as a result of wires becoming fused and no more wire can be pulled.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Other	175,000	100,000	25,000	25,000	25,000	0	0	0
<b>Total Cost</b>	<b>175,000</b>	<b>100,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Sewer Fund	175,000	100,000	25,000	25,000	25,000	0	0	0
<b>Total Funding</b>	<b>175,000</b>	<b>100,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**            **Smithsburg WwTP - ENR Upgrades**

**Project ID**                TRP021

**Full-time Employees**    0

**Operating Costs**        \$10,000



**Project Description**    The project will upgrade the facility to address Maryland Department of the Environment (MDE) strategy for Enhanced Nutrient Removal (ENR) and expand capacity to address growth needs of the area.

**Project Assumptions**    Pending grant funding approval. FY23 - \$3 Million in ARPA funds.

**Project Justification**    The upgrade is required to meet MDE's ENR strategy and to prepare for anticipated development in the area.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	25,232,087	7,232,087	3,000,000	0	0	0	0	15,000,000
Engineering and Design	1,643,470	1,143,470	0	0	0	0	0	500,000
<b>Total Cost</b>	<b>26,875,557</b>	<b>8,375,557</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,500,000</b>
<b>Funding Sources:</b>								
Sewer Fund	1,350,052	1,350,052	0	0	0	0	0	0
Self-Supported Bond	18,553,335	3,053,335	0	0	0	0	0	15,500,000
State Loan	3,972,170	3,972,170	0	0	0	0	0	0
Federal Grant	3,000,000	0	3,000,000	0	0	0	0	0
<b>Total Funding</b>	<b>26,875,557</b>	<b>8,375,557</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,500,000</b>

**Project Title** General WwTP Improvements

**Project ID** TRP026

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project involves general upgrades including electrical systems and equipment as required to address aging infrastructure and regulatory requirements.

**Project Justification** Upgrades are required to address aging infrastructure and equipment. Some of these upgrades may not have been accomplished under previous projects due to grant funding restrictions.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,250,000	0	250,000	250,000	250,000	250,000	250,000	0
Engineering and Design	100,000	0	0	0	50,000	0	50,000	0
<b>Total Cost</b>	<b>1,350,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>300,000</b>	<b>250,000</b>	<b>300,000</b>	<b>0</b>
<b>Funding Sources:</b>								
Self-Supported Bond	1,350,000	0	250,000	250,000	300,000	250,000	300,000	0
<b>Total Funding</b>	<b>1,350,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>300,000</b>	<b>250,000</b>	<b>300,000</b>	<b>0</b>

**Project Title** Heavy Sewer EQP and VEH Replacement

**Project ID** VEH010

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project will replace heavy equipment and vehicles that are beyond their useful life, which are typically the costliest to maintain. In line with the objectives of a well-managed organization, Water Quality strives to establish an equipment and fleet replacement program that will, in time, set the vehicle and equipment replacement cycle in line with best practices, minimizing operating and maintenance costs.

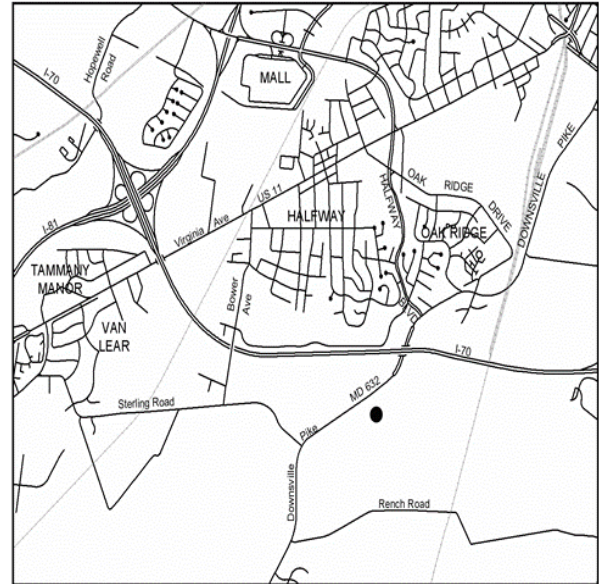
**Project Justification** The goal of the replacement program is to strike a balance for minimizing replacement costs versus maintenance and fuel costs. The program allows for the purchase of replacement vehicles and equipment used to provide services within the Water Quality service areas.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Equipment/Furniture	54,390	10,390	4,000	5,000	5,000	5,000	5,000	20,000
Vehicles	1,215,964	270,964	90,000	195,000	195,000	195,000	100,000	170,000
<b>Total Cost</b>	<b>1,270,354</b>	<b>281,354</b>	<b>94,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>105,000</b>	<b>190,000</b>
<b>Funding Sources:</b>								
Sewer Fund	1,270,354	281,354	94,000	200,000	200,000	200,000	105,000	190,000
<b>Total Funding</b>	<b>1,270,354</b>	<b>281,354</b>	<b>94,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>105,000</b>	<b>190,000</b>

**Project Title** Potomac Edison Pump Station & Force Main

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project will provide for the relocation of the existing force main and the Potomac Edison pump station.

**Project Assumptions** Pending developer contributions.

**Project Justification** Relocation of the Potomac Edison pump station and force main is required to facilitate service of the properties in the revised Urban Growth Area Boundary.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,700,000	0	0	0	0	0	0	1,700,000
<b>Total Cost</b>	<b>1,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,700,000</b>
<b>Funding Sources:</b>								
Contributions	1,700,000	0	0	0	0	0	0	1,700,000
<b>Total Funding</b>	<b>1,700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,700,000</b>

**Project Title**                      **Sharpsburg Water Meter Cradle Replacement**

**Project ID**                        EQP068

**Full-time Employees**        0

**Operating Costs**                \$0

**Project Description**            Replace the existing water meter cradles that contain lead.

**Project Justification**            The existing fitting associated with the cradles are old and contain lead. EPA has passed a new law that requires all the lead fittings to be removed and replaced with non-lead fitting. Also, the cradles are required to have backflow preventers installed, but the majority of the existing cradles don't have backflow prevents. This project will address both issues by replacing all the existing fitting with non-lead fitting and installation of a backflow preventer.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,000,000	625,000	375,000	0	0	0	0	0
<b>Total Cost</b>	<b>1,000,000</b>	<b>625,000</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	75,000	75,000	0	0	0	0	0	0
Water Fund	125,000	125,000	0	0	0	0	0	0
Federal Grant	500,000	125,000	375,000	0	0	0	0	0
State Grant	300,000	300,000	0	0	0	0	0	0
<b>Total Funding</b>	<b>1,000,000</b>	<b>625,000</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                **WQ Water Meter Replacement**

**Project ID**                LIN004

**Full-time Employees**    0

**Operating Costs**        \$0

**Project Description**     The project will replace aging water meters in various water distribution systems.

**Project Justification**    Replacement is needed due to the age and deterioration of the water meters.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	290,339	140,339	15,000	15,000	15,000	15,000	15,000	75,000
<b>Total Cost</b>	<b>290,339</b>	<b>140,339</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>75,000</b>
<b>Funding Sources:</b>								
Water Fund	290,339	140,339	15,000	15,000	15,000	15,000	15,000	75,000
<b>Total Funding</b>	<b>290,339</b>	<b>140,339</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>75,000</b>

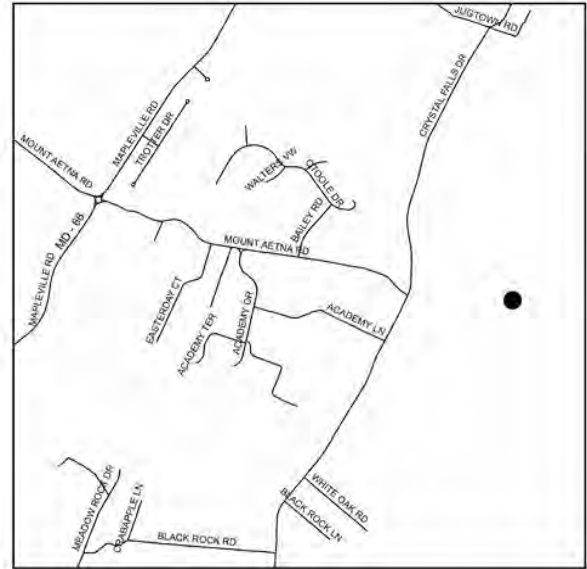


**Project Title** Mt Aetna Water System Improvements

**Project ID** LIN043

**Full-time Employees** 0

**Operating Costs** \$0



**Project Description** The project includes general plant and system improvements.

**Project Assumptions** Seeking grant funding from MDE.

**Project Justification** The project includes the replacement and upgrade of aging infrastructure and manufacturer recommendations.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	729,000	130,000	599,000	0	0	0	0	0
<b>Total Cost</b>	<b>729,000</b>	<b>130,000</b>	<b>599,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Self-Supported Bond	654,000	105,000	549,000	0	0	0	0	0
State Grant	75,000	25,000	50,000	0	0	0	0	0
<b>Total Funding</b>	<b>729,000</b>	<b>130,000</b>	<b>599,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                **Sharpsburg Well**

**Project ID**                 LIN047

**Full-time Employees**     0

**Operating Costs**         \$0

**Project Description**      The project will drill a well to supplement Sharpsburg's water supply.

**Project Assumptions**     Assumes the use of \$300K in approved ARPA funds.

**Project Justification**      The well has the potential to decrease operational cost up to \$100,000. The well will also provide an additional source of water for the town of Sharpsburg.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	330,000	30,000	300,000	0	0	0	0	0
<b>Total Cost</b>	<b>330,000</b>	<b>30,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
General Fund	30,000	30,000	0	0	0	0	0	0
Federal Grant	300,000	0	300,000	0	0	0	0	0
<b>Total Funding</b>	<b>330,000</b>	<b>30,000</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Project Title**                      **WQ Main Replacement**

**Project ID**                         LIN048

**Full-time Employees**         0

**Operating Costs**                \$0

**Project Description**            The project will replace aging water mains in various water distribution systems.

**Project Assumptions**         Pending grant funding approval.

**Project Justification**          Replacement is needed due to the age and deterioration of the water mains.

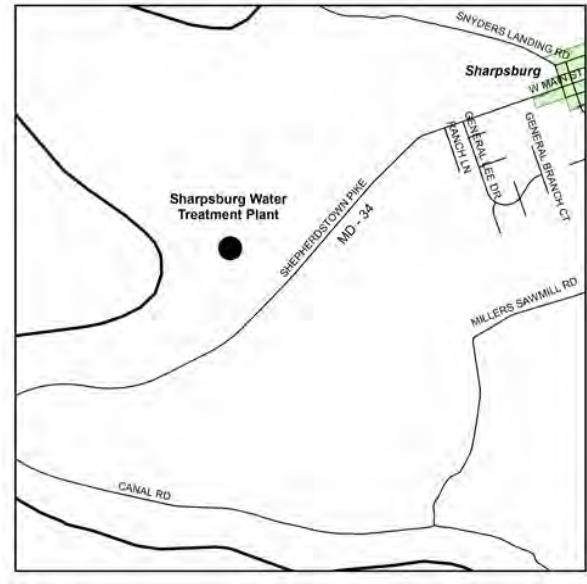
	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	2,366,000	0	566,000	100,000	100,000	0	0	1,600,000
<b>Total Cost</b>	<b>2,366,000</b>	<b>0</b>	<b>566,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>
<b>Funding Sources:</b>								
Self-Supported Bond	2,241,000	0	516,000	75,000	75,000	0	0	1,575,000
State Grant	125,000	0	50,000	25,000	25,000	0	0	25,000
<b>Total Funding</b>	<b>2,366,000</b>	<b>0</b>	<b>566,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>

**Project Title**                **Sharpsburg Water Treatment Plant**

**Project ID**                 TRP023

**Full-time Employees**    0

**Operating Costs**         \$0



**Project Description**      The project includes Sharpsburg Water Treatment Plant upgrades required by Federal and State regulations.

**Project Justification**     Regulations continue to become more restrictive, thus requiring the plant to be upgraded to ensure compliance with Drinking Water Regulations.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	655,343	65,343	0	0	0	590,000	0	0
<b>Total Cost</b>	<b>655,343</b>	<b>65,343</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>590,000</b>	<b>0</b>	<b>0</b>
<b>Funding Sources:</b>								
Self-Supported Bond	655,343	65,343	0	0	0	590,000	0	0
<b>Total Funding</b>	<b>655,343</b>	<b>65,343</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>590,000</b>	<b>0</b>	<b>0</b>

**Project Title** General WTP Improvements

**Project ID** TRP025

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project involves general upgrades to water treatment plants including electrical systems and equipment.

**Project Justification** Upgrades are required to address aging equipment, maintain a high level of water quality, and address Federal and State regulations.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	1,391,000	69,000	242,000	290,000	0	0	290,000	500,000
<b>Total Cost</b>	<b>1,391,000</b>	<b>69,000</b>	<b>242,000</b>	<b>290,000</b>	<b>0</b>	<b>0</b>	<b>290,000</b>	<b>500,000</b>
<b>Funding Sources:</b>								
Cascade Fund	13,000	13,000	0	0	0	0	0	0
Water Fund	16,000	16,000	0	0	0	0	0	0
Self-Supported Bond	1,362,000	40,000	242,000	290,000	0	0	290,000	500,000
<b>Total Funding</b>	<b>1,391,000</b>	<b>69,000</b>	<b>242,000</b>	<b>290,000</b>	<b>0</b>	<b>0</b>	<b>290,000</b>	<b>500,000</b>

**Project Title** Highfield/Sharpsburg Water Storage Tank

**Full-time Employees** 0

**Operating Costs** \$0

**Project Description** The project includes rehabilitation of the existing water storage tanks.

**Project Justification** Rehabilitation of the tank structures is required as they age to extend their life expectancy and for the continuation of operations.

	Total	Prior Appr.	2023	2024	2025	2026	2027	Future
<b>Project Costs:</b>								
Construction	336,000	0	0	0	0	0	0	336,000
<b>Total Cost</b>	<b>336,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>336,000</b>
<b>Funding Sources:</b>								
Self-Supported Bond	336,000	0	0	0	0	0	0	336,000
<b>Total Funding</b>	<b>336,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>336,000</b>



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Washington County

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