



Washington County

M A R Y L A N D



Ten Year Capital Improvement Plan

Fiscal Year 2024

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Washington County Commissioners



JOHN F. BARR, a fourth-term County Commissioner, was first elected in 2006. He was raised in Boonsboro, Maryland, and is a Master Electrician in five states. In high school, Barr worked for his father as a field technician at M/L Electric, Inc., which was founded in 1927. In 1979, he formed the management team overseeing the service department. In 1984, Barr bought the company from his father and changed the name to Ellsworth Electric, Inc. He remained president and owner until his son purchased the business in 2020. Barr is active in various service organizations and community projects. He also served a one-year term as President of the Maryland Association of Counties (MACo) in 2016. He still assists at MACo events as past president.



JEFFREY A. "JEFF" CLINE, a fourth-term County Commissioner, is a resident of Williamsport, Maryland. He is a graduate of Williamsport High School and Hagerstown Community College. Cline has experience as a realtor since 2003. He graduated from the Maryland Association of Realtors' 2008 Leadership Academy and received the Graduate of Realtor Institute (GRI) designation. Cline served on the Williamsport Town Council from 2005 to 2009. He is also a graduate of Leadership Washington County Class 26.



RANDALL E. "RANDY" WAGNER, a second-term County Commissioner, was born and raised in Washington County. Wagner graduated from North Hagerstown High School and is a veteran of the United States Coast Guard, where he served for 4 years. 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 MD for 8 years. He has served the local community as a realtor for the past 21 years and is a licensed private pilot. He also served on the Animal Control Board and held the position as Vice Chair for 8 years. He currently serves on the Airport Advisory Board, Planning Commission, Health Advisory Board, Women's Commission, Agriculture Preservation Board, Black Rock Golf Course Board, and the Emergency Services Advisory Council. Wagner is a lifelong member of St. Mary Catholic Church and is married to Patricia Wagner. Patti and Randy have 3 daughters and 7 grandchildren.



WAYNE K. KEEFER, a third-term County Commissioner, is a life-long resident of Washington County. A graduate of Hancock Middle-Senior High School, Keefer continued his education locally at Hagerstown Community College, then earned his B.S. and M.B.A. from Frostburg State University. He also graduated from the Academy for Excellence in Local Government Certificate Program. Keefer has over a decade of experience as a community banker with roles in consumer lending and corporate accounting; he is currently the Assistant Vice President / Controller for a local bank. He has also taught courses in business, economics, banking, and finance as an adjunct professor with his alma mater, FSU, and with the West Virginia School of Banking; he also holds a Maryland Real Estate License. An active member of the community, he has served in leadership roles with many non-profit organizations. Keefer lives in his hometown of Hancock with his wife, Janine, and daughter, Lillie.



DEREK HARVEY, Colonel, USA (*Retired*), worked on Capitol Hill as the Lead Investigator and Senior Advisor to the House Permanent Select Intelligence Committee, and in the White House National Security Council under President Donald J. Trump. Airborne Ranger Infantry Officer and decorated ARMY Colonel, including a Bronze Star and multiple Meritorious Service Medals, he transitioned into government service as a Senior Intelligence Executive. He has been an adjunct professor for the University of Maryland, Central Texas College, and a Fellow at Carnegie Mellon University. As a Professor and Research Institute Director at the University of South Florida, he focused on supporting local governments with insights to help with smarter decision-making. Elected to the Board of County Commissioners in 2022, he is a Member of the Morris Frock American Legion, and resides in Smithsburg with his wife, Beth, and their three children.



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Vision and Mission Statements

Vision Statement

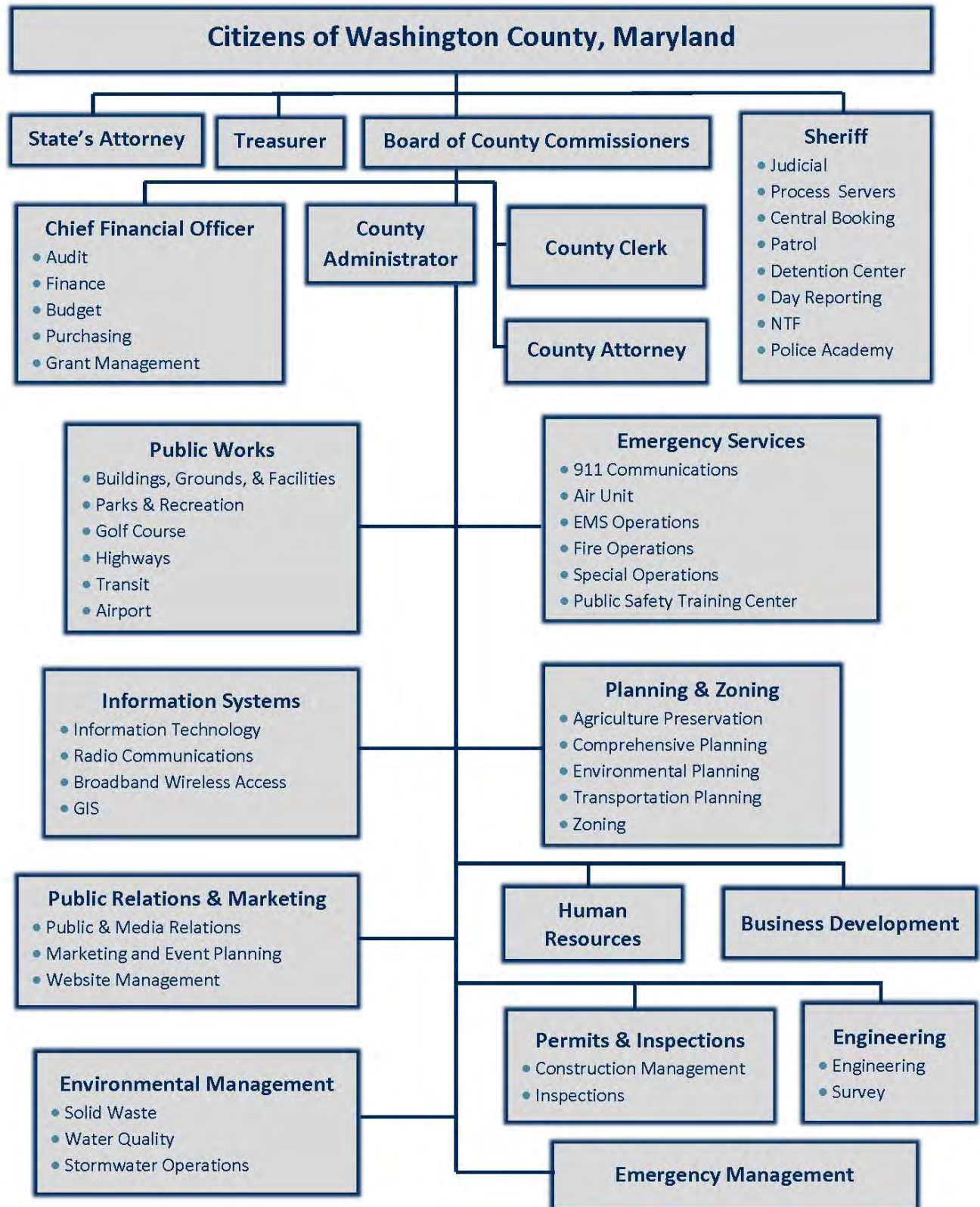
The vision of Washington County Government is to become the regional leader in providing and coordinating efficient and effective public services in an open and cooperative manner.

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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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, 16 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 Mummers 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.

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 flights twice weekly to St Pete-Clearwater (PIE) nine months of the year and to Myrtle Beach (MYR) for three months of the summer season. The airfield also offers fixed base operation services to general aviation, corporate and military aircraft. There are nearly 20 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, Western Maryland's largest health care provider, is located at the crossroads of Western Maryland, Southern Pennsylvania and the Eastern Panhandle of West Virginia. With over 3,000 employees, 500 medical staff members and 250 volunteers, Meritus Health services over 200,000 residents of the tristate region. Meritus Medical Center has 327 beds and Meritus Medical group has over 160 providers.

The Washington County Health Department, which provides various health services to the citizens of Washington County, employs a total of 150 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 106 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, and three full-time department heads who oversee the daily operational components of Emergency Services in Washington County. The division has 116 full-time and 23 part-time personnel working directly within the division serving citizens of Washington County.

A new Public Safety Training Center ("PSTC") became operational in 2022 with daily oversight being provided by DES, in collaboration with the Washington County Sheriff's Office. The PSTC is staffed by seven full-time employees who are split among fire, EMS and law enforcement training initiatives. The PSTC also serves as host to the Washington County Law Enforcement Academy and the Division of Emergency Services Paramedic Training Program, which both involve academic connections to Hagerstown Community College. The PSTC also serves as host to the Division of Emergency Services Firefighter Recruit Academy. Various courses sponsored by the Maryland Fire and Rescue Institute are also hosted at the PSTC. The PSTC will provide the opportunity for enhanced training and collaboration between Fire, Emergency Medical Services and law enforcement agencies throughout Washington County and the Tri-State area. The new PSTC encompasses 49 acres boasting academic classrooms, fire and law enforcement areas for tactical training exercises and a defensive driving track.

The County's Office of Emergency Medical Services ("EMS") is overseen by a deputy director - operations and includes 13 full-time advanced life support ("ALS") technicians and five part-time ALS technicians. The team deploys four highly specialized ALS chase units which support the eight independent emergency medical services companies.

Emergency Management is overseen by a director with an emergency planner and emergency specialist, responsible for mitigation, planning, response, and recovery from natural and technical disasters. Washington County has a Local Planning Committee, overseen by Emergency Management, that coordinates disaster planning, conducts drills to exercise the County Emergency Operations Plan, and oversees a community outreach program consisting of home chemical safety training, citizen preparedness, and pertinent educational programs.

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 & Economic Development

The Washington County Department of Business & Economic Development (the “DBED”) is dedicated to creating and sustaining a positive pro-business climate. The DBED currently has five 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 DBED 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 DBED 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 DBED 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
2022	155,590
2025 projected	157,440
2030 projected	164,900
2035 projected	172,600

Sources: Projections by the Maryland Department of Planning 2021

Population Statistics

Age:	19 & under	27.10%
	20-64 (workforce age)	55.30%
	65 & older	17.60%
	Median Age	44.0
Gender:	Male	51.10%
	Female	48.90%
Race:	White	80.90%
	Black	13.20%
	Other	5.90%

Sources: U.S. Census Bureau, 2021

Housing

2022 Median Selling Price	
Washington County	\$280,000
Maryland	\$385,000

Sources: Maryland Association of Realtors 2022.

Households

Number of Households	60,104
Number of Family Households	40,557
Number of Non-Family Households	19,547

Sources: U.S. Census Bureau, 2021 American Community Survey

County Income

Per Capita Income	\$33,682
Median Household Income	\$67,349

Sources: U.S. Census Bureau, 2021

County Employment Statistics

Civilian Labor Force	72,466
Employed	70,538
Unemployed	1,928
County Rate	2.7%
State Rate	2.7%

Source: MD Department of Labor, Licensing & Regulation March 2023.

Education Facilities in Washington County

Higher Education:

Hagerstown Community College
Univ. System of MD at Hagerstown

Primary Education:

26 Elementary Schools
7 Middle Schools
8 Senior High Schools
1 Middle/Senior High School
1 Technical High School
1 Evening High School
1 Outdoor Education
2 Special Education
Pupil/Teacher Ratio: 12.1
Public Enrollment: 22,171
39 Private Schools

Source: Washington County Board of Education.

Top 15 Employers in Washington County

<u>Employer</u>	<u>Employment</u>
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	1,836
6 Amazon	1,500
7 Washington County Govt.	1,118
8 FedEx Ground	900
9 Bowman Group, LLP	830
10 Federal Government	582
11 Walmart	565
12 Arc of Washington County	550
13 Hagerstown Comm. College	545
14 Merkle Response Svc., Inc	545
15 Brook lane Health Services	485

Source: Maryland Department of Commerce.

County Industry Series

<u>Industry</u>	<u>Total Establishments</u>
Trade, Transportation, Utilities	990
Professional & Business Svc	601
Education & Health	474
Leisure & Hospitality	454
Construction	370
Financial Activities	365
Other Services	349
Manufacturing	155
Local Government	68
Information	54
Federal Government	39
Natural Resources & Mining	31
State Government	12
Unclassified	15
Total	3,977

Source: Dept. of Labor, as of June 30, 2022.



County Water Quality Systems

	<u>Total # of Services</u>
Full - Service Water	1,350
Full - Service Sewer	7,542
Collection Service Sewer	3,997
Total	12,889

Source: Washington County Department of Budget and Finance as of June 30, 2022.

County Building Permits

	<u>Number</u>	<u>Value (000's)</u>
Residential New	249	\$94,213
Other Permits	1,024	\$314,319
Total	1,273	\$408,532

Source: Washington County Department of Plan Review and Permitting. Calendar Year 2022.

**Top 20 Largest Taxpayers in Washington County
as of June 30, 2022
Ranked by Assessed Value**

<u>Taxpayer</u>	<u>Assessed Value</u>
1 NP Hagerstown Industrial	\$ 120,248,000
2 Potomac Edison	103,917,950
3 Preylock Hagerstown, LLC	103,824,633
4 PR Valley Limited Partnership	88,630,840
5 Bowman Group	87,076,101
6 Stag Industrial Holdings LLC	86,024,900
7 FedEx Ground Package System	75,836,443
8 Creekside Logistics	49,845,767
9 LNC SNP Hagerstown Multi, LLC	47,943,667
10 Western Hagerstown (Ind & Dist)	46,288,167
11 Walmart Stores/Wal-Mart R.E. Sam's East	45,057,970
12 Ghattas Enterprise Maugans Ave	43,552,533
13 Outlet Village of Hagerstown	43,521,300
14 Mack Truck/Volvo Group	38,804,707
15 Crec Hagerstown Owner, LLC	36,161,600
16 Cortpark, LLC	34,676,500
17 Interstate 81 Hagerstown Property	30,357,433
18 GP Hagerstown Limited Ptshp.	30,151,133
19 Intelstate US, LLC	28,833,670
20 Shenandoah Personal Communications	11,558,660

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. The above assessed value includes real and personal property.

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.

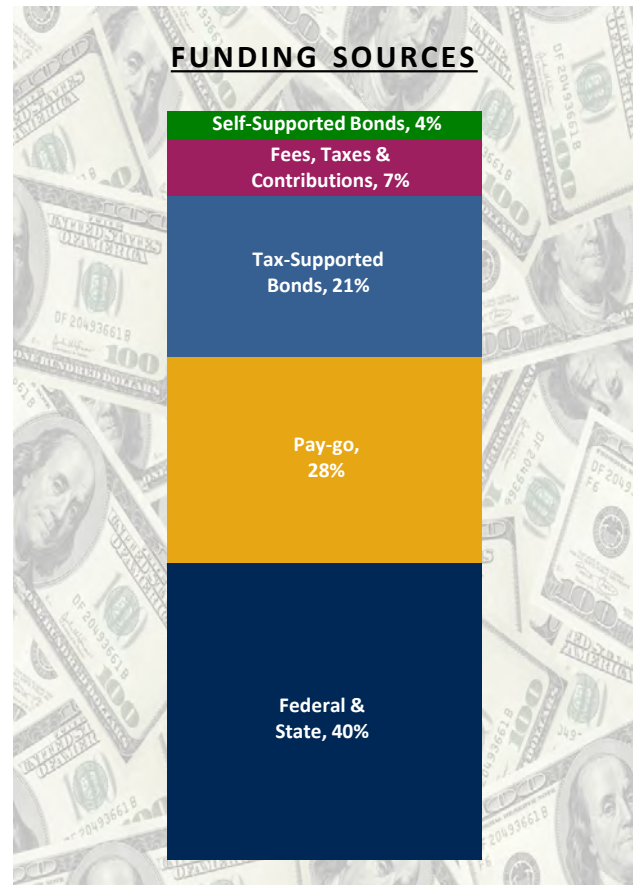
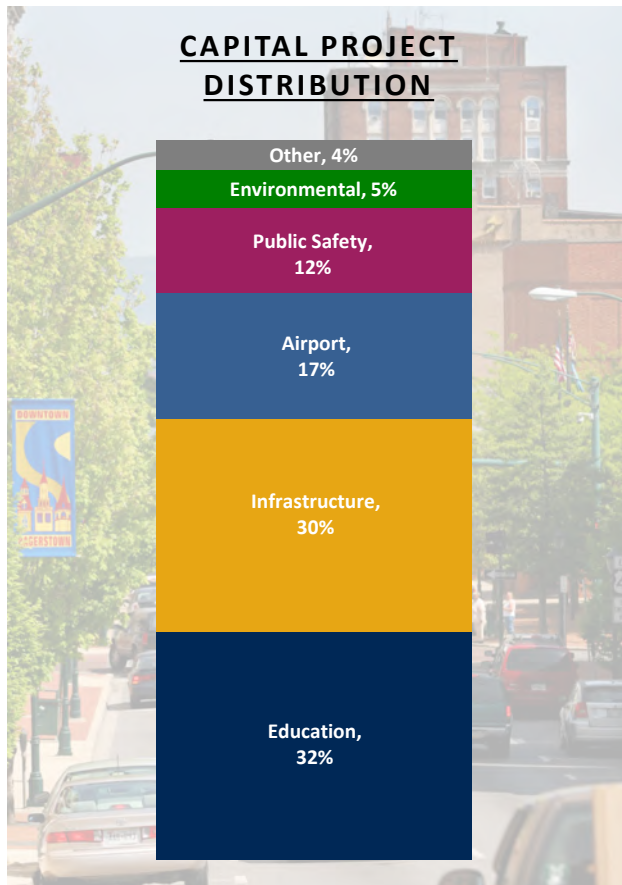


Fiscal Year 2024 Overview



Fiscal Year 2024 Capital Improvement Budget Overview

A graphic illustration of planned capital project distribution and funding sources for fiscal year 2024 is shown below. The fiscal year 2024 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 2024 is approximately \$19.9 million.

The ten-year operating budget impact for major projects approved in the fiscal year 2024 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
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	922	1,669	1.07%	1.56%	5.18%	6.66%	0.17%	0.26%
2023 estimated	1,047	1,669	1.15%	1.53%	6.03%	6.66%	0.17%	0.26%
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
2024	1,080	1,669	1.18%	1.53%	6.44%	6.66%	0.18%	0.26%
2025	1,102	1,669	1.19%	1.53%	6.60%	6.66%	0.19%	0.26%
2026	1,119	1,669	1.20%	1.53%	6.60%	6.66%	0.19%	0.26%
2027	1,135	1,669	1.21%	1.53%	6.61%	6.66%	0.19%	0.26%
2028	1,149	1,669	1.22%	1.53%	6.79%	6.66%	0.20%	0.26%
2029	1,158	1,669	1.22%	1.53%	6.24%	6.66%	0.18%	0.26%
2030	1,175	1,669	1.23%	1.53%	6.23%	6.66%	0.18%	0.26%
2031	1,191	1,669	1.23%	1.53%	6.50%	6.66%	0.19%	0.26%
2032	1,199	1,669	1.23%	1.53%	6.50%	6.66%	0.19%	0.26%
2033	1,206	1,669	1.23%	1.53%	6.54%	6.66%	0.19%	0.26%
2034	1,210	1,669	1.23%	1.53%	6.51%	6.66%	0.19%	0.26%
2035	1,212	1,669	1.22%	1.53%	6.49%	6.66%	0.20%	0.26%
2036	1,213	1,669	1.21%	1.53%	6.40%	6.66%	0.19%	0.26%
2037	1,213	1,669	1.20%	1.53%	6.35%	6.66%	0.19%	0.26%
2038	1,211	1,669	1.19%	1.53%	6.32%	6.66%	0.19%	0.26%
2039	1,208	1,669	1.18%	1.53%	6.29%	6.66%	0.19%	0.26%
2040	1,203	1,669	1.17%	1.53%	6.24%	6.66%	0.19%	0.26%
2041	1,197	1,669	1.15%	1.53%	6.19%	6.66%	0.19%	0.26%
2042	1,189	1,669	1.14%	1.53%	6.21%	6.66%	0.20%	0.26%
2043	1,178	1,669	1.12%	1.53%	6.21%	6.66%	0.20%	0.26%
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

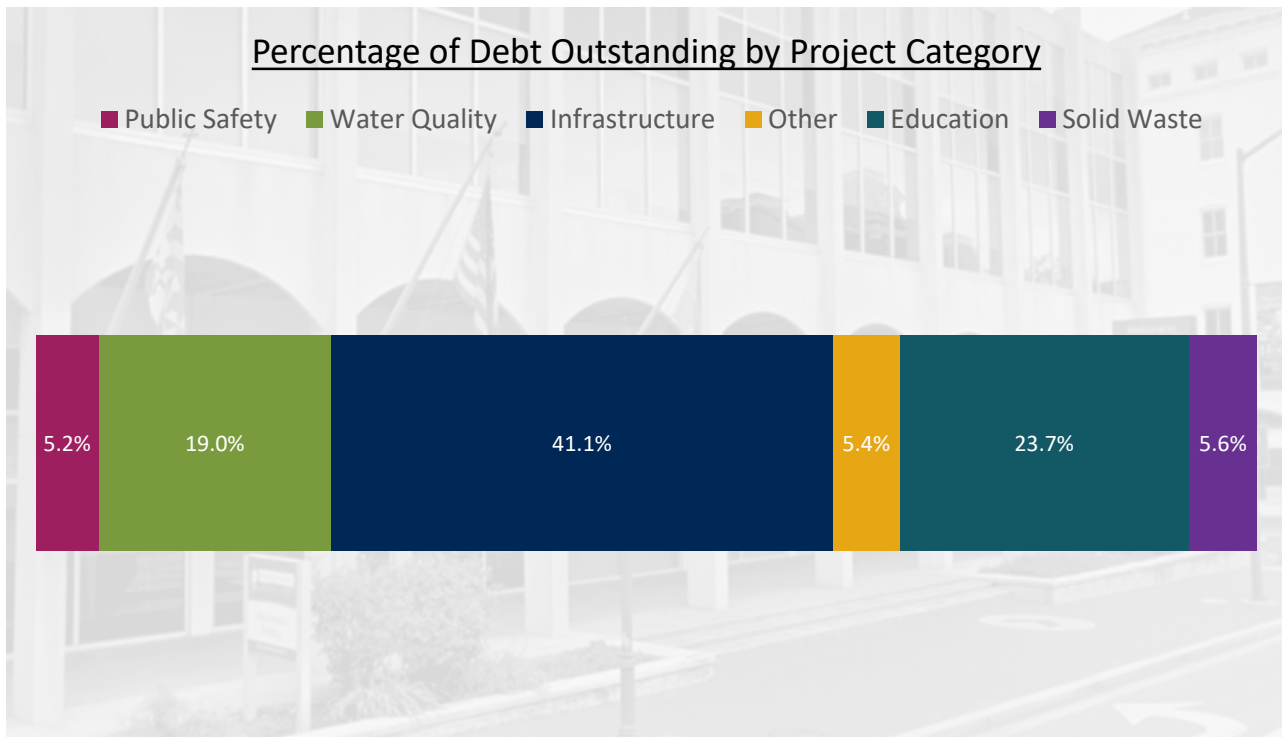
There are multiple factors that can affect the County's affordability to incur future indebtedness, including the County's economy and the availability of adequate financial resources. For that reason, the financial ratios and analysis used, take into account the entire County financial condition, as 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.

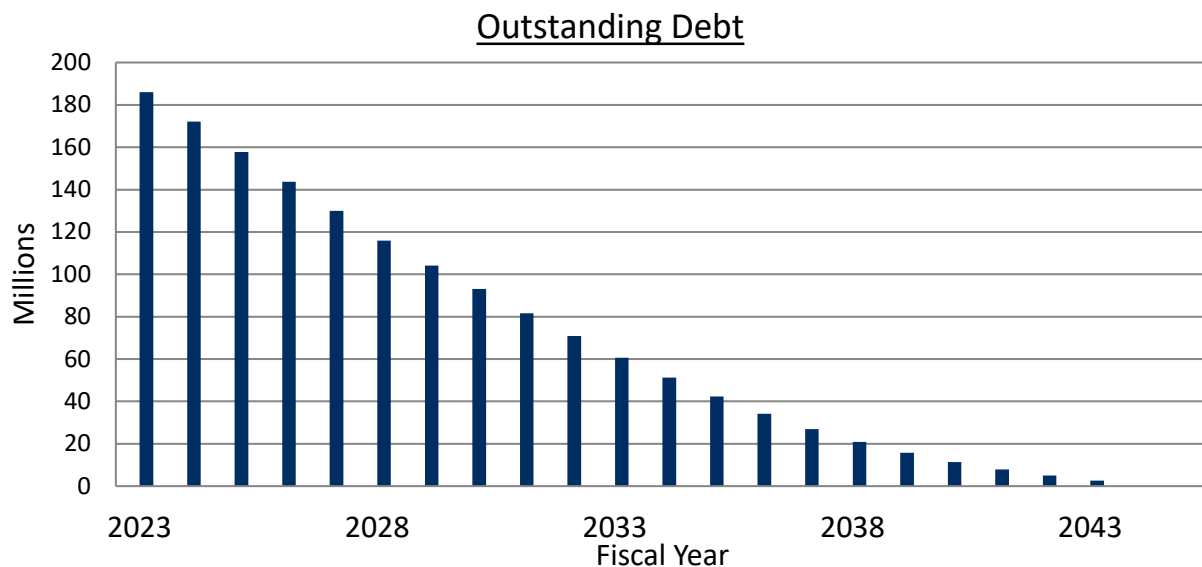
Outstanding Debt

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, 2023, by project category:



The following graph illustrates the current outstanding debt as of June 30, 2023.



The table below shows the current outstanding balance as of June 30, 2023, and the estimated impact of debt service on the Operating Budget for FY 2024.

Current Debt Balance and FY 2024 Principal and Interest Costs

Description	FY 2023 Balance	FY 2024 Principal	FY 2024 Interest	Total Debt Service
General Fund:				
2012 Refunding Bonds	364,000	364,000	14,560	378,560
2013 Public Improvement Bonds	7,475,000	585,000	215,475	800,475
2013 Refunding Bonds	3,734,918	1,472,748	78,470	1,551,218
2014 Public Improvement Bonds	9,695,000	640,000	341,188	981,188
2015 Public Improvement Bonds	8,836,998	527,814	324,994	852,808
2015 Refunding Bonds	10,478,723	1,960,787	379,933	2,340,720
2016 Public Improvement Bonds	9,249,333	526,290	270,654	796,944
2016 Refunding Bonds	4,411,216	663,035	130,108	793,143
2017 Public Improvement Bonds	9,866,473	496,372	331,898	828,270
2018 Public Improvement Bonds	10,380,393	459,786	383,450	843,236
2019 Public Improvement Bonds	10,832,457	428,249	363,944	792,193
2020 Public Improvement Bonds	8,419,591	333,992	252,513	586,505
2020 Refunding Bonds	4,828,228	500,351	228,903	729,254
2020 B Refunding Bonds	12,827,275	1,220,788	231,525	1,452,313
2021 Public Improvement Bonds	10,428,749	371,747	322,999	694,746
2022 Public Improvement Bonds	9,280,002	281,657	409,946	691,603
2023 Public Improvement Bonds	11,040,000	0	296,567	296,567
MD Water Quality Resh Capping Ph 1	1,132,353	278,877	11,324	290,201
Total General Fund Existing Debt	\$ 143,280,709	\$11,111,493	\$ 4,588,451	\$ 15,699,944
2024 Planned Debt:				
2024 Public Improvement Bonds	12,000,000			
Total General Fund Debt	\$ 155,280,709	\$11,111,493	\$4,588,451	\$15,699,944
Solid Waste:				
2013 Refunding Bonds	45,082	22,252	930	23,182
2015 Refunding Bonds	876,125	167,606	31,693	199,299
2016 Public Improvement Bonds	79,390	4,517	2,323	6,840
2016 Refunding Bonds	635,140	95,466	18,733	114,199
2017 Public Improvement Bonds	938,959	47,238	31,586	78,824
2018 Public Improvement Bonds	737,008	32,645	27,225	59,870
2019 Public Improvement Bonds	230,190	9,100	7,734	16,834
2020 Public Improvement Bonds	25,409	1,008	762	1,770
2020 Refunding Bonds	1,911,198	198,058	90,608	288,666
2020 B Refunding Bonds	1,772,107	168,654	31,985	200,639
2023 Public Improvement Bonds	320,000	0	8,644	8,644
MD Water Quality 40 West Cell 3	242,393	146,164	2,666	148,830
Total Solid Waste Existing Debt	\$7,813,001	\$892,708	\$254,889	\$1,147,597
2024 Planned Debt:				
2024 Public Improvement Bonds	940,000			
Total Solid Waste Debt	\$8,753,001	\$892,708	\$254,889	\$1,147,597

Description	FY 2023 Balance	FY 2024 Principal	FY 2024 Interest	Total Debt Service
Airport:				
2012 Refunding Bonds	56,000	56,000	2,240	58,240
Total Airport Existing Debt	\$56,000	\$56,000	\$2,240	\$58,240
Water Quality:				
2015 Public Improvement Bonds	2,548,002	152,186	93,706	245,892
2015 Refunding Bonds	470,151	86,608	17,074	103,682
2016 Public Improvement Bonds	6,576,276	374,192	192,435	566,627
2016 Refunding Bonds	1,473,644	221,499	43,465	264,964
2017 Public Improvement Bonds	524,568	26,390	17,646	44,036
2018 Public Improvement Bonds	1,412,599	62,569	52,181	114,750
2019 Public Improvement Bonds	952,354	37,650	31,997	69,647
2020 Public Improvement Bonds	4,875,000	115,000	133,875	248,875
2020 Refunding Bonds	835,574	86,591	39,614	126,205
2020 B Refunding Bonds	3,210,618	305,559	57,950	363,509
2021 Public Improvement Bonds	91,251	3,253	2,826	6,079
2022 Public Improvement Bonds	6,534,998	198,343	288,685	487,028
2023 Public Improvement Bonds	2,530,000	0	67,918	67,918
MD Water Qual. Pretreat. Refinancing 2004	11,063	11,063	44	11,107
MD Water Quality Halfway I & I	121,089	29,822	1,211	31,033
MD Water Quality Winebrenner	1,705,339	125,000	13,643	138,643
MD Water Quality Conococheague	1,058,361	67,164	7,409	74,573
Total Water Quality Existing Debt	\$34,930,887	\$1,902,889	\$1,061,679	\$2,964,568
2024 Planned Debt:				
2024 Public Improvement Bonds	1,115,000			
MD Water Quality Smithsburg WwTP - ENR Upgrades	3,972,170			
Total Water Quality Debt	\$40,018,057	\$1,902,889	\$1,061,679	\$2,964,568
Total Existing and 2024 Planned Debt	\$ 204,107,767	\$13,963,090	\$5,907,258	\$19,870,348

Bonded Limit Summary as of June 30, 2023

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, 2023, the unused authorization available for issuance of general obligation bonds was \$29,320,096.

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, 2023

Assessed Value of Property in Washington County	\$14,159,259,000
Debt Limit: % of Assessed Value	10%
Water Quality Borrowing Limitation	1,415,925,900
Water Quality Debt	34,930,887
Debt Margin	1,380,995,013
Ratio of Water Quality Debt to Assessed Value	0.25%

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

Description	Fiscal Year		
	2022 Actual	2023 Budget	2024 Budget
Revenue (By Major Type):			
Fees	\$11,687,203	\$2,600,000	\$3,215,000
Grants	4,653,544	36,369,000	22,224,000
Other	195,740	4,096,000	1,045,000
Bonds	17,049,831	15,100,000	14,055,000
Subtotal	33,586,319	58,165,000	40,539,000
Transfers	36,530,739	6,115,000	8,965,000
Capital Reserves	-	1,122,000	6,500,000
Total Revenue	70,117,058	65,402,000	56,004,000
Expenditures (By Function):			
Education	4,359,520	20,535,000	17,718,000
Public Safety	10,058,399	6,286,000	6,587,000
Court System	-	-	-
General Government	4,265,787	1,053,000	1,378,000
Parks and Recreation	1,289,675	6,586,000	685,000
Water Quality	1,546,284	10,889,000	1,865,000
Roads/Infrastructure	11,234,579	18,117,000	16,632,000
Solid Waste	277,089	488,000	1,154,000
Transit System	2,063,113	-	165,000
Airport	647,199	1,423,000	9,795,000
Golf Course	64,474	25,000	25,000
Total Expenditures	35,806,119	65,402,000	56,004,000
Net Difference	\$34,310,939	-	-

Project Detail of Major Projects (≥ \$500,000) - Fiscal Year 2024

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.	\$12,791,000	\$0
Taxiway F Rehabilitation	Project involves the full-length rehabilitation of Taxiway F including replacement of existing light fixture with LED technology.	6,000,000	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.	5,000,000	0
Halfway Boulevard Extended	The project involves the construction of a new four-lane open section roadway, including a large culvert, connecting the existing Halfway Boulevard to MD Route 63. Intersection improvements at Halfway Boulevard extended and MD Route 63 include a traffic signal.	3,000,000	2,000
PSTC Tactical Village /Simulation Training Area	This project assumes construction of a high bay storage/training building, site work, canine agility training area, Class B (propane) gas fire fighting props, pavilion bathroom complex with outside classroom area, vehicle extrication, trench rescue, confined space training area, outdoor track, pump pad/drifted pit, and drone flying area.	2,250,000	0
D.M. Bowman Family Workforce Training Center	Purchased in 2021 with the intent of having hands on industrial trades. This project will include moving the Commercial Vehicle Training program along with new driving ranges and hands on classrooms. The Valley Mall location will be related to the Training Center along with their courses and staff to offer workforce and continuing education courses. ABC Institute will also be leasing space and relocating to this building. Currently HCC has designed the building and is completing interior demolition.	1,800,000	0
Replacement Elementary School	This project will build a new elementary school and replace two existing elementary schools. The new school will be a 4-round, 78,538 SF facility that will accommodate 628 students.	1,500,000	0

Project Name	Project Description	Project Budget	Operating Impact
Eastern Boulevard Widening Phase I	This project will widen Eastern Boulevard from MD Route 64 (Jefferson Boulevard) to Security Road from the existing 2-lane roadway to a 4-lane divided roadway. This project includes drainage improvements and traffic signal modifications.	\$1,500,000	\$3,000
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.	1,500,000	1,000
Highway - Vehicle & Equipment Replacement Program	This project will replace vehicles and heavy/specialized equipment for maintenance and construction activity.	1,284,000	0
Law Enforcement - Vehicle & Equipment Replacement Program	This project is for the replacement of public safety fleet inventory.	1,129,000	0
Patrol Services Relocation Renovation	Relocation of Patrol Services to the County's Phoenix Color Building. The first phase of the project is the renovation of the Special Services Building (former Phoenix Color) so that Patrol can move into the 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 or 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.	1,100,000	0
Runway 9/27 Lighting and Signage Replacement	This project will replace the current lighting with energy efficient lighting.	1,060,000	0
Second Entrance Drive Widening Project	This 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 the building and low direct access to the athletic fields. Signage will also be updated across campus.	1,040,000	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 \$2.5 million.	1,000,000	0

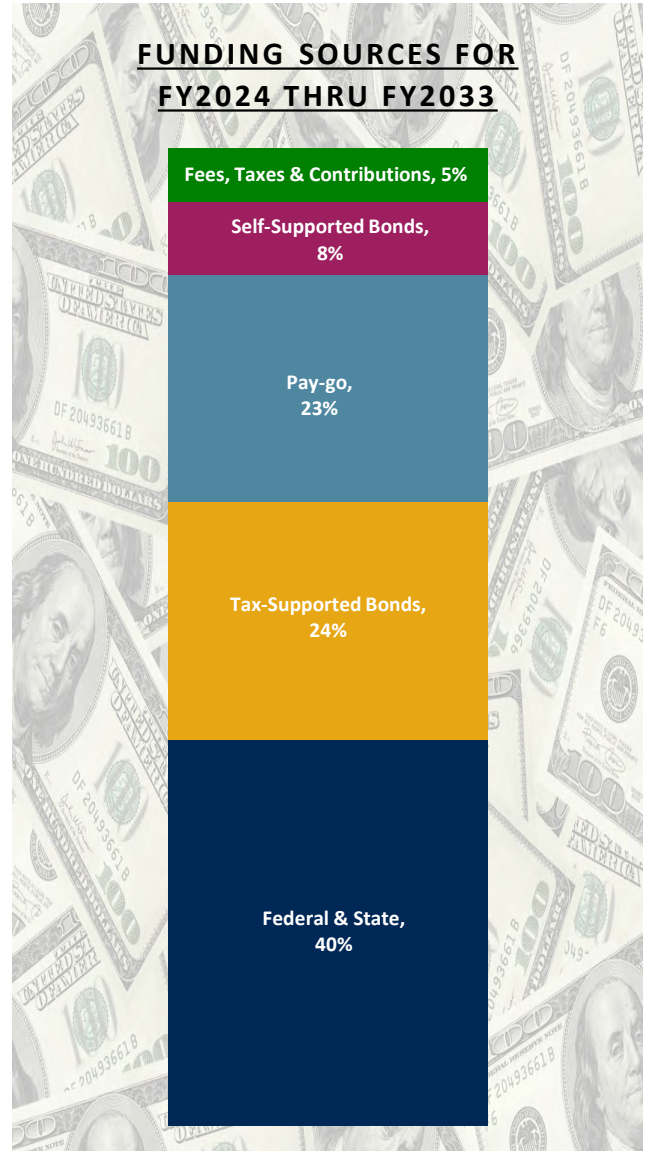
Project Name	Project Description	Project Budget	Operating Impact
Eastern Boulevard at Antietam Drive Improvements	This project will provide intersection improvements including the installation of a traffic signal. This project will connect the Eastern Boulevard Widening Phase II project with the Eastern Boulevard Extended project.	\$1,000,000	\$2,000
Air Traffic Control Tower	This project is to construct a new Air Traffic Control Tower to replace the existing aging facility on a nearby site.	700,000	0
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.	700,000	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.	700,000	0
Terminal Building Expansion	This project will provide additional support space of 4,800 SF for airline operations, improvements, modernization and eastward expansion of the land-side ticketing lobby.	600,000	20,000
ATC Renovation	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. The bridge that connects the ATC and CBES buildings will also be updated.	562,000	2,000
Agriculture Education Center Indoor Multipurpose Building	Approximately a 36,000 - 45,000 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. The facility size will be determined by the availability of onsite water and sewer capacity.	550,000	55,000
40 West Landfill Pretreatment Facility	This project will construct a pretreatment facility at the 40 West Landfill and construct a sewer line from the facility to the existing sewer line along MD RTE 63 for transport of treated leachate to the WWTP.	500,000	152,000

Ten Year Summary



Ten Year Capital Improvement Plan Graphs

The following graphs illustrate the projects by category and the funding sources that are currently scheduled for FY2024 thru FY2033. 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 \$562,602,000.



Capital Improvement Ten Year Summary

Fiscal Year 2024 - 2033

	Total	Prior Appr.	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future
Project Costs								
Airport	42,759,959	1,717,959	9,795,000	5,785,000	17,325,000	1,496,000	427,000	6,214,000
Bridges	30,777,906	10,420,906	1,988,000	1,504,000	3,283,000	1,570,000	884,000	11,128,000
Drainage	20,229,987	7,100,987	750,000	1,150,000	1,232,000	2,038,000	1,235,000	6,724,000
Education	253,768,806	25,583,806	17,718,000	25,368,000	27,651,000	42,516,000	21,264,000	93,668,000
General Government	17,584,992	3,941,992	1,378,000	2,675,000	1,405,000	1,405,000	905,000	5,875,000
Parks & Recreation	22,231,208	5,526,208	710,000	2,815,000	5,145,000	1,570,000	1,605,000	4,860,000
Public Safety	89,338,226	26,309,226	6,587,000	8,710,000	5,432,000	5,109,000	4,304,000	32,887,000
Railroad Crossings	2,082,450	936,450	0	0	0	200,000	0	946,000
Road Improvement	145,850,911	37,999,911	13,894,000	9,887,000	10,971,000	10,102,000	12,997,000	50,000,000
Solid Waste	15,867,716	136,716	1,154,000	8,641,000	5,241,000	95,000	95,000	505,000
Transit	10,308,777	2,813,777	165,000	0	480,000	1,275,000	585,000	4,990,000
Water Quality	51,399,497	17,110,497	1,865,000	2,237,000	2,174,000	1,849,000	2,805,000	23,359,000
TOTAL	702,200,435	139,598,435	56,004,000	68,772,000	80,339,000	69,225,000	47,106,000	241,156,000
Funding Sources								
General Fund	108,895,836	40,145,836	6,250,000	6,500,000	6,500,000	6,750,000	6,750,000	36,000,000
Highway Fund	5,319,000	319,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Cascade Fund	12,342	12,342	0	0	0	0	0	0
Solid Waste Fund	1,145,042	97,042	214,000	69,000	70,000	95,000	95,000	505,000
Utility Admin Fund	2,070,279	536,279	360,000	108,000	109,000	114,000	115,000	728,000
Water Fund	743,239	268,239	340,000	15,000	15,000	15,000	15,000	75,000
Sewer Fund	4,594,116	2,344,116	350,000	350,000	325,000	230,000	125,000	870,000
Airport Fund	3,994,460	498,460	951,000	785,000	627,000	157,000	157,000	819,000
Tax-Supported Bond	164,383,128	27,383,128	12,000,000	13,000,000	14,000,000	14,000,000	14,000,000	70,000,000
Self-Supported Bond	48,410,951	6,022,951	2,055,000	10,011,000	6,896,000	1,175,000	825,000	21,426,000
State Loan	3,972,170	3,972,170	0	0	0	0	0	0
Transfer Tax	26,002,606	5,002,606	3,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Excise Tax - Schools	1,487,031	567,031	0	0	385,000	385,000	150,000	0
Excise Tax - Roads	1,747,620	487,620	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	110,000	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Excise Tax - Non-Residential	854,473	354,473	50,000	50,000	50,000	50,000	50,000	250,000
APFO Fees - Roads	405,644	405,644	0	0	0	0	0	0
Capital Reserve - General	35,096,000	1,122,000	6,500,000	3,084,000	7,392,000	5,348,000	3,260,000	8,390,000
Capital Reserve - Transfer Tax	5,795,000	500,000	0	915,000	1,380,000	1,000,000	0	2,000,000
Capital Reserve - Excise Tax - Schools	1,770,000	0	0	0	770,000	1,000,000	0	0
Capital Reserve - Excise Tax - Non-Residential	5,797,812	272,812	0	1,525,000	1,000,000	3,000,000	0	0
Capital Reserve - APFO Fees - Schools	1,000,000	0	0	0	0	1,000,000	0	0
Federal Grant	77,423,034	27,440,034	9,502,000	5,464,000	18,091,000	2,619,000	1,224,000	13,083,000
State Grant	192,983,437	20,685,437	12,722,000	23,800,000	19,814,000	29,622,000	15,975,000	70,365,000
Contributions	7,868,215	1,122,215	1,045,000	431,000	250,000	0	1,700,000	3,320,000
TOTAL	702,200,435	139,598,435	56,004,000	68,772,000	80,339,000	69,225,000	47,106,000	241,156,000

Project Detail of Major Projects (≥ \$10 Million) – Fiscal Years 2024 - 2033

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.	\$129,917,000
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.	58,000,000
Replacement Elementary School	The project will build a new elementary school that will replace two existing elementary schools. The new school will be a 4-round, 78,538 sq. ft. facility that would accommodate 628 students.	44,096,000
Patrol Services Relocation Renovation	Relocation of Patrol Services to the County's Phoenix Color Building. The first phase of the project is the renovation of the Special Services Building (former Phoenix Color) so that Patrol can move into the 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 or 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.	17,000,000
PSTC Tactical Village/ Simulation Training Area	Construction of a tactical village and simulation training area to support the Public Safety Training Center.	16,750,000
Williamsport Library Replacement	The project will construct a new 25,000 sq. ft. library to serve the town of Williamsport and surrounding area.	15,571,000
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.	15,500,000
Highway - Vehicle & Equipment Replacement Program	This project will replace vehicles and heavy/specialized equipment for maintenance and construction activity.	14,935,000

Project Name	Project Description	Ten Year Project Budget
ATC Renovation	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.	\$14,211,000
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.	14,150,000
Law Enforcement - Vehicle & Equipment Replacement Program	This project is for the replacement of public safety fleet inventory.	11,209,000
Eastern Boulevard Extended	The project involves the construction of a new roadway connecting Eastern Boulevard at Antietam Drive and Leitersburg 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.	10,603,000
40 West Landfill Pretreatment Facility	Construct a pretreatment facility at the 40 West Landfill and construct a sewer line from the facility to the existing sewer line along MD RTE 63 for transport of treated leachate to the WWTP.	10,600,000

Capital Improvement Ten Year Detail

Fiscal Year 2024 - 2033

	Budget Year				Ten Year Capital Program			
	Total	Prior Appr.	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future
Project Costs								
Airport								
Air Traffic Control Tower	7,000,000	0	700,000	0	6,300,000	0	0	0
T-Hangar 1, 2, & 3 Replacement	532,000	173,000	34,000	35,000	35,000	36,000	37,000	182,000
Airport Systemic Improvement Projects	1,319,227	136,227	378,000	405,000	50,000	50,000	50,000	250,000
Terminal Building Expansion	6,000,000	0	600,000	0	5,400,000	0	0	0
Airport Security System Enhancements	197,165	177,165	20,000	0	0	0	0	0
Capital Equipment - Airport	4,237,567	931,567	195,000	363,000	650,000	1,410,000	40,000	648,000
Taxiway F Rehabilitation	6,300,000	300,000	6,000,000	0	0	0	0	0
Runway 2/20 Rehabilitation	3,847,000	0	323,000	3,524,000	0	0	0	0
Runway 9/27 Lighting and Signage Replacement	1,060,000	0	1,060,000	0	0	0	0	0
T-Hangar Taxi Lanes Rehabilitation	1,500,000	0	150,000	1,350,000	0	0	0	0
Taxiway A Rehabilitation	4,016,000	0	335,000	0	3,681,000	0	0	0
Snow Removal Equipment Storage Building Expansion	3,514,000	0	0	0	0	0	300,000	3,214,000
Taxiway G Rehabilitation	1,920,000	0	0	0	0	0	0	1,920,000
Taxiway H Rehabilitation	1,317,000	0	0	108,000	1,209,000	0	0	0
Airport Total	42,759,959	1,717,959	9,795,000	5,785,000	17,325,000	1,496,000	427,000	6,214,000
Bridges								
Bridge Inspection and Inventory	697,806	48,806	175,000	0	24,000	0	200,000	250,000
Crystal Falls Drive W3051	2,898,500	2,498,500	400,000	0	0	0	0	0
Keedysville Road Bridge W5651	2,964,600	2,564,600	400,000	0	0	0	0	0
Cleaning & Painting of Steel Bridges	358,000	108,000	100,000	0	0	0	0	150,000
Halfway Boulevard Bridges W0912	5,489,000	4,489,000	0	1,000,000	0	0	0	0
Country Store Lane Culvert 16/06	335,000	35,000	300,000	0	0	0	0	0
Gardenhour Road Bridge W2431	2,695,000	500,000	275,000	0	1,920,000	0	0	0
Greenspring Furnace Road Culvert 15/15	567,000	40,000	0	0	265,000	262,000	0	0
Kretsinger Road Culvert 14/01	443,000	137,000	306,000	0	0	0	0	0
Lanes Road Culvert 15/12	417,000	0	32,000	385,000	0	0	0	0
Appletown Road Bridge W2184	979,000	0	0	0	0	0	0	979,000
Ashton Road Culvert 04/06	559,000	0	0	0	0	0	0	559,000
Bowie Road Culvert	405,000	0	0	0	0	0	0	405,000
Burnside Bridge Road Culvert 01/03	461,000	0	0	0	160,000	301,000	0	0
Draper Road Culvert 04/07	589,000	0	0	0	0	0	0	589,000
Draper Road Culvert 04/08	530,000	0	0	0	0	0	0	530,000
Greenbrier Road Culvert 16/14	268,000	0	0	0	0	0	0	268,000
Gruber Road Bridge 04/10	396,000	0	0	0	0	0	0	396,000
Harpers Ferry Road Culvert 11/02	757,000	0	0	0	115,000	642,000	0	0
Henline Road Culvert 05/05	429,000	0	0	0	0	15,000	414,000	0
Hoffman's Inn Road Culvert 05/06	313,000	0	0	0	0	0	0	313,000
Long Hollow Road Culvert 05/07	416,000	0	0	0	66,000	350,000	0	0
Mercersburg Road Culvert 04/16	484,000	0	0	0	0	0	0	484,000
Mooresville Road Culvert 15/21	446,000	0	0	0	0	0	0	446,000
Poplar Grove Road Bridge W2432	1,955,000	0	0	0	0	0	0	1,955,000
Remsburg Road Culvert	387,000	0	0	119,000	268,000	0	0	0
Rinehart Road Culvert 14/03	465,000	0	0	0	465,000	0	0	0
Stone Masonry Bridge Repairs	270,000	0	0	0	0	0	270,000	0
Taylors Landing Road Bridge W7101	1,379,000	0	0	0	0	0	0	1,379,000
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
Bridges Total	30,777,906	10,420,906	1,988,000	1,504,000	3,283,000	1,570,000	884,000	11,128,000

	Budget Year		Ten Year Capital Program					
	Total	Prior Appr.	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future
Project Costs								
<u>Drainage</u>								
Stream Restoration at Various Locations	2,306,782	1,056,782	0	250,000	0	250,000	0	750,000
Stormwater Retrofits	14,594,205	5,744,205	700,000	800,000	900,000	900,000	900,000	4,650,000
Drainage Improvements at Various Locations	850,000	300,000	50,000	50,000	50,000	50,000	50,000	300,000
Broadfording Church Road Culvert	231,000	0	0	0	57,000	174,000	0	0
Draper Road Drainage Improvements	609,000	0	0	0	0	0	0	609,000
Fort Ritchie Dam Repairs	200,000	0	0	50,000	150,000	0	0	0
Harpers Ferry Road Drainage, 3600 Block	525,000	0	0	0	75,000	450,000	0	0
Shank Road Drainage	214,000	0	0	0	0	214,000	0	0
Trego Mountain Road Drainage	415,000	0	0	0	0	0	0	415,000
University Road Culvert	285,000	0	0	0	0	0	285,000	0
Drainage Total	20,229,987	7,100,987	750,000	1,150,000	1,232,000	2,038,000	1,235,000	6,724,000
<u>Education</u>								
Board of Education								
Capital Maintenance - BOE	149,435,314	19,518,314	12,791,000	15,060,000	5,152,000	11,536,000	13,915,000	71,463,000
Replacement Elementary School	44,096,000	0	1,500,000	0	19,813,000	19,833,000	2,950,000	0
Board of Education Total	193,531,314	19,518,314	14,291,000	15,060,000	24,965,000	31,369,000	16,865,000	71,463,000
Hagerstown Community College								
Second Entrance Drive Widening Project	6,979,000	5,939,000	1,040,000	0	0	0	0	0
D.M. Bowman Family Workforce Training Center	1,800,000	0	1,800,000	0	0	0	0	0
ARCC Renovation	14,150,000	0	0	0	0	0	0	14,150,000
ATC Renovation	14,211,000	0	562,000	9,149,000	900,000	900,000	900,000	1,800,000
Campus Road & Parking Lot Overlays	1,000,000	0	0	0	0	0	0	1,000,000
Career Programs Roof Replacement	4,800,000	0	0	0	0	0	0	4,800,000
Multi-Roof Project	1,250,000	0	0	500,000	0	500,000	0	250,000
Hagerstown Community College Total	44,190,000	5,939,000	3,402,000	9,649,000	900,000	1,400,000	900,000	22,000,000
Public Libraries								
Systemic Projects - Library	426,492	76,492	25,000	25,000	30,000	30,000	35,000	205,000
Williamsport Library Replacement	15,621,000	50,000	0	634,000	1,756,000	9,717,000	3,464,000	0
Public Libraries Total	16,047,492	126,492	25,000	659,000	1,786,000	9,747,000	3,499,000	205,000
Education Total	253,768,806	25,583,806	17,718,000	25,368,000	27,651,000	42,516,000	21,264,000	93,668,000
<u>General Government</u>								
Cost of Bond Issuance	978,000	80,000	88,000	90,000	90,000	90,000	90,000	450,000
Systemic Improvements - Building	7,768,007	1,068,007	700,000	1,000,000	1,000,000	1,000,000	500,000	2,500,000
Facilities Roof Repairs	2,600,000	1,500,000	200,000	200,000	100,000	100,000	100,000	400,000
Equipment and Vehicle Wash Facility	325,000	75,000	0	250,000	0	0	0	0
Stormwater Management and Watershed Services Office Building	1,100,000	0	200,000	900,000	0	0	0	0
Information Systems Replacement Program	1,276,653	151,653	75,000	100,000	100,000	100,000	100,000	650,000
Financial System Management & Upgrades	255,709	105,709	15,000	15,000	15,000	15,000	15,000	75,000
County Wireless Infrastructure	37,000	17,000	0	20,000	0	0	0	0
General - Equipment and Vehicle Replacement Program	1,944,623	944,623	100,000	100,000	100,000	100,000	100,000	500,000
Courthouse Courtroom 1 Renovation	1,300,000	0	0	0	0	0	0	1,300,000
General Government Total	17,584,992	3,941,992	1,378,000	2,675,000	1,405,000	1,405,000	905,000	5,875,000

	Budget Year				Ten Year Capital Program			
	Total	Prior Appr.	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future
Project Costs								
<u>Parks and Recreation</u>								
Black Rock Capital Equipment Program	389,618	54,618	25,000	100,000	25,000	25,000	25,000	135,000
Agriculture Education Center Indoor Multipurpose Building	8,670,000	4,050,000	550,000	1,270,000	2,800,000	0	0	0
Hardcourt Playing Surfaces	339,963	204,963	0	15,000	15,000	15,000	15,000	75,000
Ag Center Land Development	2,198,000	198,000	0	1,000,000	1,000,000	0	0	0
Park Equipment/Surfacing	1,400,731	700,731	0	0	175,000	0	175,000	350,000
Replacement, Various Locations								
Parking Lot Repair/Overlay, Various Locations	525,896	75,896	0	50,000	50,000	50,000	50,000	250,000
Antietam Creek Water Trail	357,000	242,000	15,000	50,000	50,000	0	0	0
Ag Center Show Area Floor	50,000	0	50,000	0	0	0	0	0
Recreational Field Bleachers	70,000	0	70,000	0	0	0	0	0
Black Rock Bunker Rehabilitation	250,000	0	0	0	250,000	0	0	0
Conococheague Creek Water Trail	310,000	0	0	0	10,000	180,000	120,000	0
Doubs Woods Disc Golf	50,000	0	0	0	0	0	0	50,000
Kemps Mill Park Trails	100,000	0	0	0	100,000	0	0	0
Marty Snook Park Multimodal Trail and Parking	700,000	0	0	0	100,000	300,000	300,000	0
Marty Snook Park Pool Renovation and Accessible Entrance	750,000	0	0	0	350,000	400,000	0	0
Mt. Briar Wetland Preserve Trails and Conservation Area	100,000	0	0	100,000	0	0	0	0
North Central County Park	5,400,000	0	0	100,000	0	500,000	800,000	4,000,000
Park Entrances and Security Upgrades	200,000	0	0	0	100,000	100,000	0	0
Pen Mar-Fort Ritchie-Cascade Trail Connection	290,000	0	0	50,000	120,000	0	120,000	0
Regional Park Dog Park	80,000	0	0	80,000	0	0	0	0
Parks and Recreation Total	22,231,208	5,526,208	710,000	2,815,000	5,145,000	1,570,000	1,605,000	4,860,000
<u>Public Safety</u>								
Detention Center - Systemic Projects	5,272,173	872,173	190,000	700,000	700,000	450,000	500,000	1,860,000
Burn Building - PSTC Training Center	2,500,000	1,500,000	1,000,000	0	0	0	0	0
Patrol Services Relocation Renovation	17,500,000	500,000	1,100,000	2,900,000	3,000,000	3,000,000	2,000,000	5,000,000
Communication Tower(s) Various	576,806	266,806	90,000	0	110,000	0	110,000	0
P25 UHF Public Safety Radio	12,600,000	11,075,000	0	1,525,000	0	0	0	0
Communications System Upgrade								
Portable Radio Replacement Program - Sheriff	1,320,105	114,105	114,000	116,000	118,000	120,000	120,000	618,000
Portable Radio Replacement Program - Emergency Services	4,435,000	2,435,000	200,000	200,000	200,000	200,000	200,000	1,000,000
PSTC Apparatus Operator / Defensive Driving Track	2,250,000	0	250,000	2,000,000	0	0	0	0
PSTC Tactical Village / Simulation Training Area	16,750,000	0	2,250,000	0	0	0	0	14,500,000
Law Enforcement - Vehicle & Equipment Replacement Program	13,274,053	2,065,053	1,129,000	1,000,000	1,030,000	1,060,000	1,090,000	5,900,000
Emergency Services Equipment & Vehicle Program	9,600,089	7,375,089	200,000	205,000	210,000	215,000	220,000	1,175,000
Canteen/Rehab Unit Replacement	534,000	90,000	48,000	48,000	48,000	48,000	48,000	204,000
Incident Safety Officer Vehicle Replacement Program	176,000	16,000	16,000	16,000	16,000	16,000	16,000	80,000
Police Indoor Firing Range	750,000	0	0	0	0	0	0	750,000
911 Center Building Expansion	1,800,000	0	0	0	0	0	0	1,800,000
Public Safety Total	89,338,226	26,309,226	6,587,000	8,710,000	5,432,000	5,109,000	4,304,000	32,887,000

	Budget Year				Ten Year Capital Program			
	Total	Prior Appr.	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future
Project Costs								
<u>Railroad Crossings</u>								
Railroad Crossing Improvements	2,082,450	936,450	0	0	0	200,000	0	946,000
Railroad Crossings Total	2,082,450	936,450	0	0	0	200,000	0	946,000
<u>Road Improvement</u>								
Intersection & Signal Improvements	2,770,177	520,177	0	750,000	0	0	750,000	750,000
Transportation ADA	1,776,774	376,774	100,000	500,000	100,000	100,000	100,000	500,000
Pavement Maintenance and Rehab Program	67,141,399	9,141,399	5,000,000	5,000,000	6,000,000	6,000,000	6,000,000	30,000,000
Longmeadow Road	2,105,000	0	0	0	310,000	432,000	518,000	845,000
Eastern Boulevard Extended	10,603,000	0	0	0	359,000	1,970,000	2,700,000	5,574,000
Eastern Blvd Widening Phase I	10,467,100	8,967,100	1,500,000	0	0	0	0	0
Eastern Boulevard Widening Phase II	6,772,300	2,691,300	385,000	1,274,000	2,422,000	0	0	0
Eastern Blvd at Antietam Drive Improvements	4,506,000	3,006,000	1,000,000	500,000	0	0	0	0
Professional Boulevard Extended Phase III	3,353,000	1,853,000	1,500,000	0	0	0	0	0
Halfway Boulevard Extended	9,473,000	6,473,000	3,000,000	0	0	0	0	0
Wright Road	3,948,000	2,673,000	125,000	650,000	500,000	0	0	0
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	0	461,000	0
Mt Aetna Road Spot Improvements	2,422,000	0	0	0	0	0	0	2,422,000
Robinwood Drive Sidewalk Extension	750,000	0	0	0	0	250,000	500,000	0
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	17,233,161	2,298,161	1,284,000	1,213,000	1,280,000	1,350,000	1,424,000	8,384,000
Road Improvement Total	145,850,911	37,999,911	13,894,000	9,887,000	10,971,000	10,102,000	12,997,000	50,000,000
<u>Solid Waste</u>								
Contingency - Solid Waste	604,042	64,042	30,000	35,000	35,000	60,000	60,000	320,000
40 West Landfill - Cell 5 Construction	4,083,000	0	440,000	3,472,000	171,000	0	0	0
40 West Landfill Pretreatment Facility	10,600,000	0	500,000	5,100,000	5,000,000	0	0	0
SW Equipment & Vehicle Replacement	580,674	72,674	184,000	34,000	35,000	35,000	35,000	185,000
Solid Waste Total	15,867,716	136,716	1,154,000	8,641,000	5,241,000	95,000	95,000	505,000
<u>Transit</u>								
Vehicle Preventive Maintenance	3,495,307	495,307	0	0	375,000	375,000	375,000	1,875,000
Fixed Route Bus Replacement Program	5,842,317	2,242,317	0	0	0	900,000	0	2,700,000
ADA Bus Replacement	632,305	2,305	0	0	105,000	0	210,000	315,000
Support Vehicles	113,848	73,848	40,000	0	0	0	0	0
Transportation Development Plan	225,000	0	125,000	0	0	0	0	100,000
Transit Total	10,308,777	2,813,777	165,000	0	480,000	1,275,000	585,000	4,990,000

	Budget Year			Ten Year Capital Program				
	Total	Prior Appr.	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future
Project Costs								
<u>Water Quality</u>								
<u>Utility Administration</u>								
Contingency - Utility Admin	157,400	29,400	0	0	0	0	0	128,000
General Building Improvements	964,000	70,000	400,000	494,000	0	0	0	0
SCADA Replacement	250,000	0	250,000	0	0	0	0	0
Lab Equipment Replacement	436,117	185,117	30,000	23,000	24,000	24,000	25,000	125,000
WQ Equip/Vehicle Replacement Program	1,194,162	289,162	80,000	85,000	85,000	90,000	90,000	475,000
Utility Administration Total	3,001,679	573,679	760,000	602,000	109,000	114,000	115,000	728,000
<u>Wastewater Utility</u>								
Contingency - Sewer	211,939	11,939	0	0	0	0	0	200,000
Replace Grinder Pumps	1,190,000	125,000	125,000	125,000	125,000	125,000	90,000	475,000
Pump Station Upgrades - Various Stations	5,755,447	2,320,447	100,000	200,000	885,000	0	750,000	1,500,000
Collection System Rehabilitation Project	3,976,121	156,121	0	670,000	0	900,000	0	2,250,000
Sandy Hook Collection System Upgrades	175,000	125,000	25,000	25,000	0	0	0	0
Smithsburg WWTP ENR Upgrade	26,881,087	11,381,087	0	0	0	0	0	15,500,000
General WwTP Improvements	1,122,500	22,500	250,000	300,000	250,000	300,000	0	0
Heavy Sewer EQP and VEH Replacement	1,310,807	375,807	200,000	200,000	200,000	105,000	35,000	195,000
Potomac Edison Pump Station & Force Main	1,700,000	0	0	0	0	0	1,700,000	0
Wastewater Utility Total	42,322,901	14,517,901	700,000	1,520,000	1,460,000	1,430,000	2,575,000	20,120,000
<u>Water Utility</u>								
Sharpsburg Water Meter Cradle Replacement	1,000,000	1,000,000	0	0	0	0	0	0
Water Meter Replacement	293,239	143,239	15,000	15,000	15,000	15,000	15,000	75,000
WQ Main Replacement	2,366,000	566,000	100,000	100,000	0	0	100,000	1,500,000
Sharpsburg Water Treatment Plant	645,336	55,336	0	0	590,000	0	0	0
General WTP Improvements	1,434,342	254,342	290,000	0	0	290,000	0	600,000
Highfield/Sharpsburg Water Storage Tank	336,000	0	0	0	0	0	0	336,000
Water Utility Total	6,074,917	2,018,917	405,000	115,000	605,000	305,000	115,000	2,511,000
Water Quality Total	51,399,497	17,110,497	1,865,000	2,237,000	2,174,000	1,849,000	2,805,000	23,359,000
TOTAL	702,200,435	139,598,435	56,004,000	68,772,000	80,339,000	69,225,000	47,106,000	241,156,000

	Budget Year				Ten Year Capital Program			
	Total	Prior Appr.	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future
Funding Sources								
General Fund	108,895,836	40,145,836	6,250,000	6,500,000	6,500,000	6,750,000	6,750,000	36,000,000
Highway Fund	5,319,000	319,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Cascade Fund	12,342	12,342	0	0	0	0	0	0
Solid Waste Fund	1,145,042	97,042	214,000	69,000	70,000	95,000	95,000	505,000
Utility Admin Fund	2,070,279	536,279	360,000	108,000	109,000	114,000	115,000	728,000
Water Fund	743,239	268,239	340,000	15,000	15,000	15,000	15,000	75,000
Sewer Fund	4,594,116	2,344,116	350,000	350,000	325,000	230,000	125,000	870,000
Airport Fund	3,994,460	498,460	951,000	785,000	627,000	157,000	157,000	819,000
Tax-Supported Bond	164,383,128	27,383,128	12,000,000	13,000,000	14,000,000	14,000,000	14,000,000	70,000,000
Self-Supported Bond	48,410,951	6,022,951	2,055,000	10,011,000	6,896,000	1,175,000	825,000	21,426,000
State Loan	3,972,170	3,972,170	0	0	0	0	0	0
Transfer Tax	26,002,606	5,002,606	3,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Excise Tax - Schools	1,487,031	567,031	0	0	385,000	385,000	150,000	0
Excise Tax - Roads	1,747,620	487,620	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	110,000	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Excise Tax - Non-Residential	854,473	354,473	50,000	50,000	50,000	50,000	50,000	250,000
APFO Fees - Roads	405,644	405,644	0	0	0	0	0	0
Capital Reserve - General	35,096,000	1,122,000	6,500,000	3,084,000	7,392,000	5,348,000	3,260,000	8,390,000
Capital Reserve - Transfer Tax	5,795,000	500,000	0	915,000	1,380,000	1,000,000	0	2,000,000
Capital Reserve - Excise Tax - Schools	1,770,000	0	0	0	770,000	1,000,000	0	0
Capital Reserve - Excise Tax - Non-Residential	5,797,812	272,812	0	1,525,000	1,000,000	3,000,000	0	0
Capital Reserve - APFO Fees - Schools	1,000,000	0	0	0	0	1,000,000	0	0
Federal Grant	77,423,034	27,440,034	9,502,000	5,464,000	18,091,000	2,619,000	1,224,000	13,083,000
State Grant	192,983,437	20,685,437	12,722,000	23,800,000	19,814,000	29,622,000	15,975,000	70,365,000
Contributions	7,868,215	1,122,215	1,045,000	431,000	250,000	0	1,700,000	3,320,000
TOTAL	702,200,435	139,598,435	56,004,000	68,772,000	80,339,000	69,225,000	47,106,000	241,156,000

Airport



Airport Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

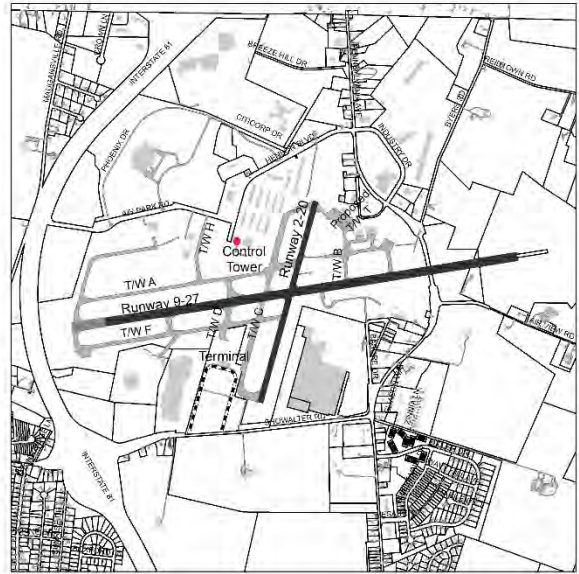
		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
44	Air Traffic Control Tower	7,000,000	0	700,000	0	6,300,000	0	0	0
45	T-Hangar 1, 2, & 3 Replacement	532,000	173,000	34,000	35,000	35,000	36,000	37,000	182,000
46	Airport Systemic Improvement Projects	1,319,227	136,227	378,000	405,000	50,000	50,000	50,000	250,000
47	Terminal Building Expansion	6,000,000	0	600,000	0	5,400,000	0	0	0
48	Airport Security System Enhancements	197,165	177,165	20,000	0	0	0	0	0
49	Capital Equipment - Airport	4,237,567	931,567	195,000	363,000	650,000	1,410,000	40,000	648,000
50	Taxiway F Rehabilitation	6,300,000	300,000	6,000,000	0	0	0	0	0
51	Runway 2/20 Rehabilitation	3,847,000	0	323,000	3,524,000	0	0	0	0
52	Runway 9/27 Lighting and Signage Replacement	1,060,000	0	1,060,000	0	0	0	0	0
53	T-Hangar Taxi Lane Rehabilitation	1,500,000	0	150,000	1,350,000	0	0	0	0
54	Taxiway A Rehabilitation	4,016,000	0	335,000	0	3,681,000	0	0	0
55	Snow Removal Equipment Storage Building Expansion	3,514,000	0	0	0	0	0	300,000	3,214,000
56	Taxiway G Rehabilitation	1,920,000	0	0	0	0	0	0	1,920,000
57	Taxiway H Rehabilitation	1,317,000	0	0	108,000	1,209,000	0	0	0
TOTAL		42,759,959	1,717,959	9,795,000	5,785,000	17,325,000	1,496,000	427,000	6,214,000
Funding Sources									
	General Fund	85,016	85,016	0	0	0	0	0	0
	Airport Fund	3,994,460	498,460	951,000	785,000	627,000	157,000	157,000	819,000
	Federal Grant	36,107,993	784,993	8,350,000	4,484,000	15,831,000	1,269,000	270,000	5,119,000
	State Grant	2,572,490	349,490	494,000	516,000	867,000	70,000	0	276,000
TOTAL		42,759,959	1,717,959	9,795,000	5,785,000	17,325,000	1,496,000	427,000	6,214,000

Project Title **Air Traffic Control Tower Replacement**

Project ID BLD085

Full-time Employees 0

Operating Costs \$0



Project Description This project is to construct a new Air Traffic Control Tower to replace the existing aging facility on a nearby site.

Project Assumptions Pending grant funding approval: 100% FAA share.

Project Justification The current tower was designed for the shorter 5,461' primary runway at HGR. After the runway length extension to 7,000' - the ATC tower cab became too low in height to provide sufficient line-of-sight for Air Traffic Controllers. This also contributes to operational runway 02-20. The existing tower also has age-related and obsolescence issues with computer networks radios, restrictions on the use of our crosswind secondary windows, utilities, etc.

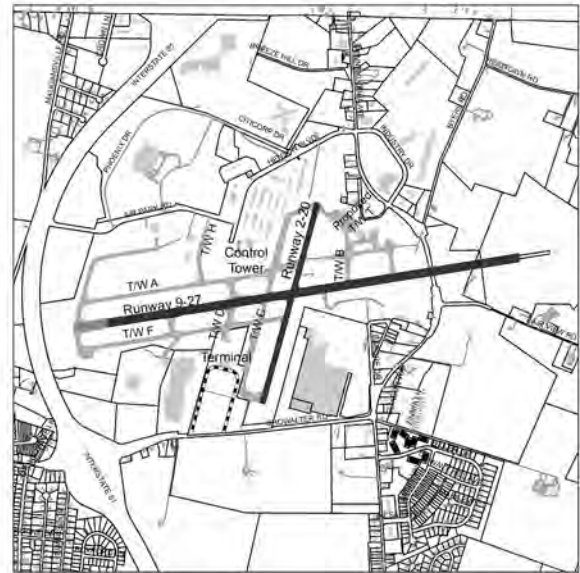
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	6,300,000	0	0	0	6,300,000	0	0	0
Engineering and Design	700,000	0	700,000	0	0	0	0	0
Total Cost	7,000,000	0	700,000	0	6,300,000	0	0	0
Funding Sources:								
Federal Grant	7,000,000	0	700,000	0	6,300,000	0	0	0
Total Funding	7,000,000	0	700,000	0	6,300,000	0	0	0

Project Title T-Hangar 1, 2 and 3 Replacement

Project ID BLD087

Full-time Employees 0

Operating Costs \$0

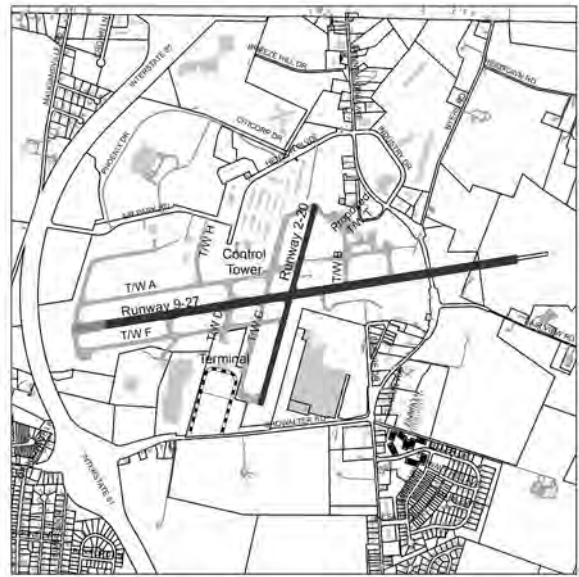


Project Description This project includes the demolition of existing T-hangars and the construction of new replacement T-hangars 1, 2 and 3. The total building size is 38,400 SF.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	482,000	123,000	34,000	35,000	35,000	36,000	37,000	182,000
Engineering and Design	50,000	50,000	0	0	0	0	0	0
Total Cost	532,000	173,000	34,000	35,000	35,000	36,000	37,000	182,000
Funding Sources:								
Airport Fund	532,000	173,000	34,000	35,000	35,000	36,000	37,000	182,000
Total Funding	532,000	173,000	34,000	35,000	35,000	36,000	37,000	182,000

Project Title **Airport Systemic Improvement Projects****Project ID** BLD088**Full-time Employees** 0**Operating Costs** \$0**Project Description** This Project will replace or refurbish various infrastructure systems at the airport.

FY24: Bldg. #22 Hanger Roof coating replacement; Stormwater Study and demolition of 14616 Pennsylvania Ave. Building.

FY25: Airport I-81 Billboard display sign.

FY26: Airport Showalter Road digital gateway entrance sign.

Project Assumptions Local Funding only. These projects are non-grant eligible.**Project Justification** An ongoing replacement/rehabilitation plan is necessary for all airport facilities. Airport will contribute funds on an annual basis to provide for this rehabilitation and replacement plan.

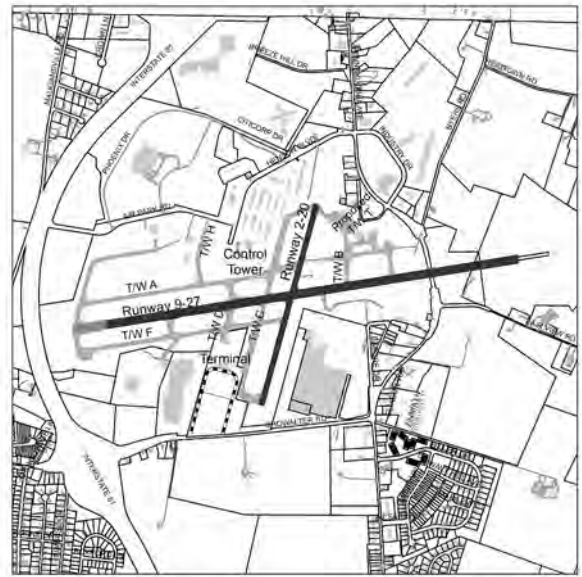
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,319,227	136,227	378,000	405,000	50,000	50,000	50,000	250,000
Total Cost	1,319,227	136,227	378,000	405,000	50,000	50,000	50,000	250,000
Funding Sources:								
Airport Fund	1,319,227	136,227	378,000	405,000	50,000	50,000	50,000	250,000
Total Funding	1,319,227	136,227	378,000	405,000	50,000	50,000	50,000	250,000

Project Title Terminal Building Expansion Project

Project ID BLD115

Full-time Employees 0

Operating Costs \$20,000



Project Description Airport would seek 95% funding under the FAA's Airport Terminal Program (ATP-BIL). This competitive grant program opportunity could provide additional support space (4,800 SF) for airline operations, improvements, modernization and eastward expansion of the land-side ticketing lobby.

Project Assumptions Pending grant funding approval: 95% FAA share 2.5% MAA share 2.5% Local share

Project Justification Currently, the airport lacks sufficient airline office and ground crew support space to accommodate any potential new-entrant airlines.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	5,400,000	0	0	0	5,400,000	0	0	0
Engineering and Design	600,000	0	600,000	0	0	0	0	0
Total Cost	6,000,000	0	600,000	0	5,400,000	0	0	0
Funding Sources:								
Airport Fund	165,000	0	30,000	0	135,000	0	0	0
Federal Grant	5,700,000	0	570,000	0	5,130,000	0	0	0
State Grant	135,000	0	0	0	135,000	0	0	0
Total Funding	6,000,000	0	600,000	0	5,400,000	0	0	0

Project Title **Airport Security System Enhancements**

Project ID COM026

Full-time Employees 0

Operating Costs \$0

Project Description The airport has developed a security system upgrade and replacement program for the airport security and Virtual Monitoring System. This project for FY24 is an upgrade for the Terminal Virtual Monitoring System.

Project Assumptions Project will utilize local funds.

Project Justification Technology, hardware and software is ever-changing and in order to keep up with the changes, constant upgrades and replacements will need to be made.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	197,165	177,165	20,000	0	0	0	0	0
Total Cost	197,165	177,165	20,000	0	0	0	0	0
Funding Sources:								
Airport Fund	83,041	63,041	20,000	0	0	0	0	0
State Grant	114,124	114,124	0	0	0	0	0	0
Total Funding	197,165	177,165	20,000	0	0	0	0	0

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

Project Description The planned purchase for FY24: Purchasing 1 Track Loader with multiple attachments and 2 mowers with mowing decks. FY25: Purchase of an Infrared FLIR Camera, four replacement Self Contained Breathing Apparatus bottles, Firefighting tools (Cutter, Spreader, Ram), Automatic Gate replacement (w/6 openers), and the purchase of a runway de-icing vehicle. 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.

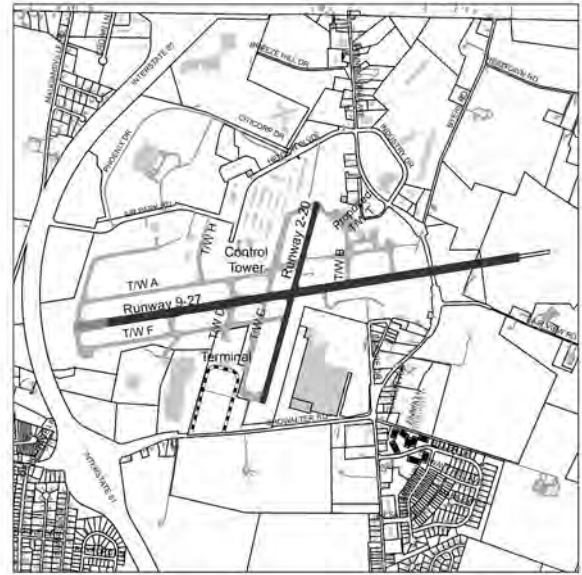
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	4,237,567	931,567	195,000	363,000	650,000	1,410,000	40,000	648,000
Total Cost	4,237,567	931,567	195,000	363,000	650,000	1,410,000	40,000	648,000
Funding Sources:								
General Fund	55,016	55,016	0	0	0	0	0	0
Airport Fund	659,192	126,192	49,000	91,000	162,000	71,000	40,000	120,000
Federal Grant	2,282,993	514,993	0	0	0	1,269,000	0	499,000
State Grant	1,240,366	235,366	146,000	272,000	488,000	70,000	0	29,000
Total Funding	4,237,567	931,567	195,000	363,000	650,000	1,410,000	40,000	648,000

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.

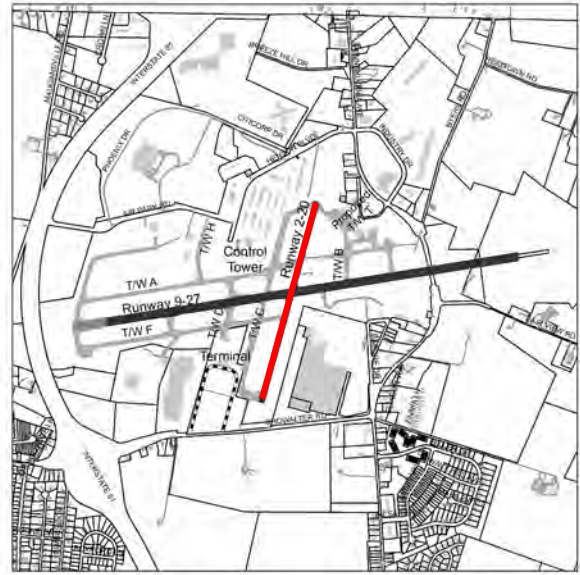
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	6,000,000	0	6,000,000	0	0	0	0	0
Engineering and Design	300,000	300,000	0	0	0	0	0	0
Total Cost	6,300,000	300,000	6,000,000	0	0	0	0	0
Funding Sources:								
General Fund	30,000	30,000	0	0	0	0	0	0
Airport fund	300,000	0	300,000	0	0	0	0	0
Federal Grant	5,670,000	270,000	5,400,000	0	0	0	0	0
State Grant	300,000	0	300,000	0	0	0	0	0
Total Funding	6,300,000	300,000	6,000,000	0	0	0	0	0

Project Title Runway 2/20 Rehabilitation

Project ID RUN021

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, 5% State, 5% Local. 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	3,524,000	0	0	3,524,000	0	0	0	0
Engineering and Design	323,000	0	323,000	0	0	0	0	0
Total Cost	3,847,000	0	323,000	3,524,000	0	0	0	0
Funding Sources:								
Airport fund	208,000	0	32,000	176,000	0	0	0	0
Federal Grant	3,463,000	0	291,000	3,172,000	0	0	0	0
State Grant	176,000	0	0	176,000	0	0	0	0
Total Funding	3,847,000	0	323,000	3,524,000	0	0	0	0

Project Title Runway 9/27 Lighting and Signage Replacement

Project ID RUN022

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, 5% State, 5% Local. 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.

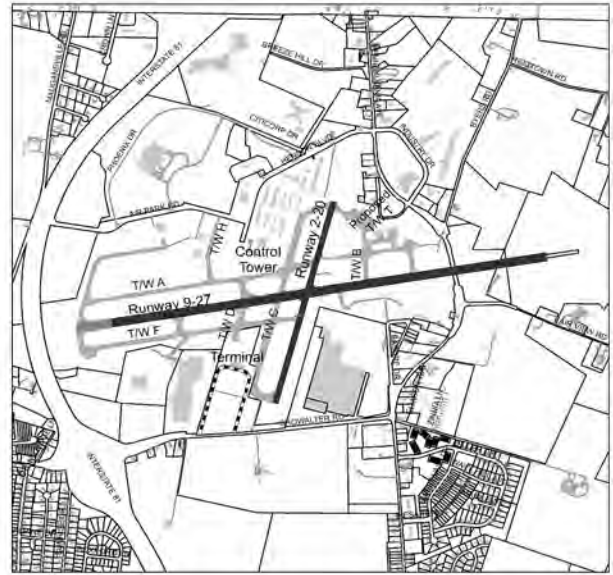
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Engineering and Design	1,060,000	0	1,060,000	0	0	0	0	0
Total Cost	1,060,000	0	1,060,000	0	0	0	0	0
Funding Sources:								
General Fund	59,000	0	59,000	0	0	0	0	0
Federal Grant	953,000	0	953,000	0	0	0	0	0
State Grant	48,000	0	48,000	0	0	0	0	0
Total Funding	1,060,000	0	1,060,000	0	0	0	0	0

Project Title T-Hanger Taxi Lane Rehabilitation

Project ID RUN023

Full-time Employees 0

Operating Costs \$0



Project Description This project includes the rehabilitation of the taxi lanes from taxiway A to the T-Hanger area.

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

Project Justification The taxi lanes are near the end of useful life and need rehabilitated.

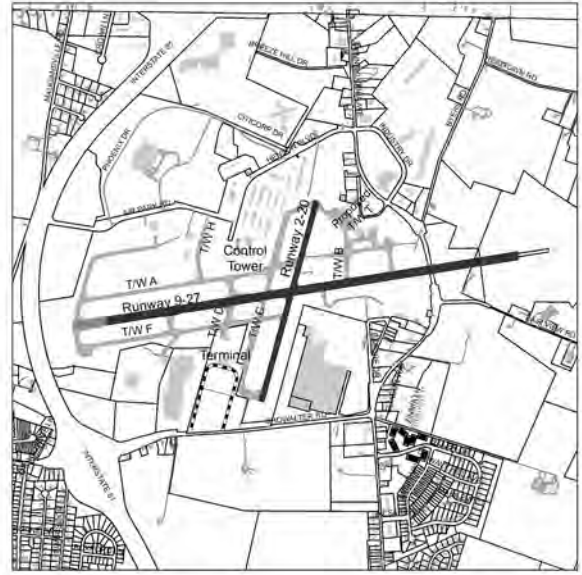
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,350,000	0	0	1,350,000	0	0	0	0
Engineering and Design	150,000	0	150,000	0	0	0	0	0
Total Cost	1,500,000	0	150,000	1,350,000	0	0	0	0
Funding Sources:								
Airport Fund	82,000	0	15,000	67,000	0	0	0	0
Federal Grant	1,350,000	0	135,000	1,215,000	0	0	0	0
State Grant	68,000	0	0	68,000	0	0	0	0
Total Funding	1,500,000	0	150,000	1,350,000	0	0	0	0

Project Title Taxiway A Rehabilitation

Project ID RUN024

Full-time Employees 0

Operating Costs \$175,000



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

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

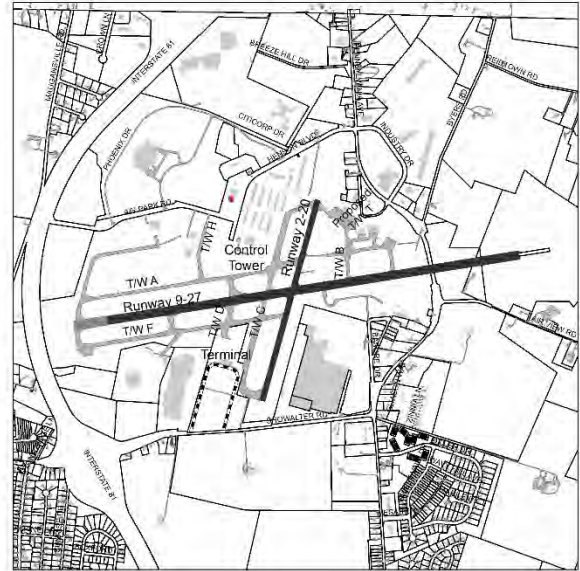
Project Justification The last rehabilitation of the taxiway was completed in 2001. This will make the existing surface over 20 years old and it will have met the end of its useful life and will be ready for rehabilitation.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Hardware/Software	3,681,000	0	0	0	3,681,000	0	0	0
Engineering and Design	335,000	0	335,000	0	0	0	0	0
Total Cost	4,016,000	0	335,000	0	3,681,000	0	0	0
Funding Sources:								
Airport Fund	218,000	0	34,000	0	184,000	0	0	0
Federal Grant	3,614,000	0	301,000	0	3,313,000	0	0	0
State Grant	184,000	0	0	0	184,000	0	0	0
Total Funding	4,016,000	0	335,000	0	3,681,000	0	0	0

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

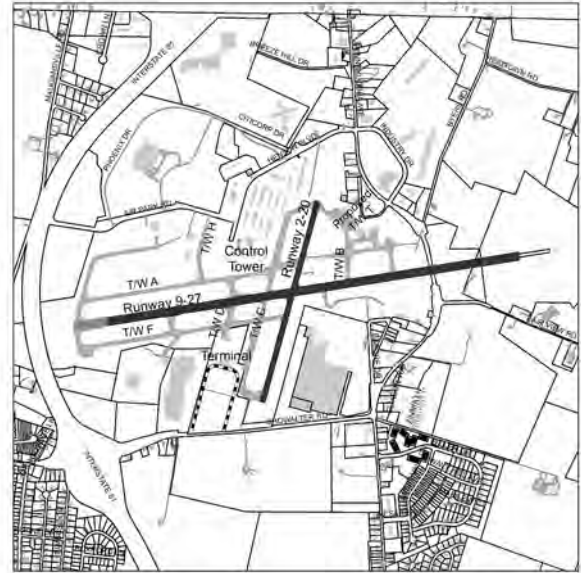
Project Justification The existing facility is filled to capacity. Future FAA approved Snow Removal Equipment plans allow for the addition of snow removal vehicles. The addition to the facility is required to accommodate the additional vehicles.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	3,214,000	0	0	0	0	0	0	3,214,000
Engineering and Design	300,000	0	0	0	0	0	300,000	0
Total Cost	3,514,000	0	0	0	0	0	300,000	3,214,000
Funding Sources:								
Airport Fund	191,000	0	0	0	0	0	30,000	161,000
Federal Grant	3,162,000	0	0	0	0	0	270,000	2,892,000
State Grant	161,000	0	0	0	0	0	0	161,000
Total Funding	3,514,000	0	0	0	0	0	300,000	3,214,000

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

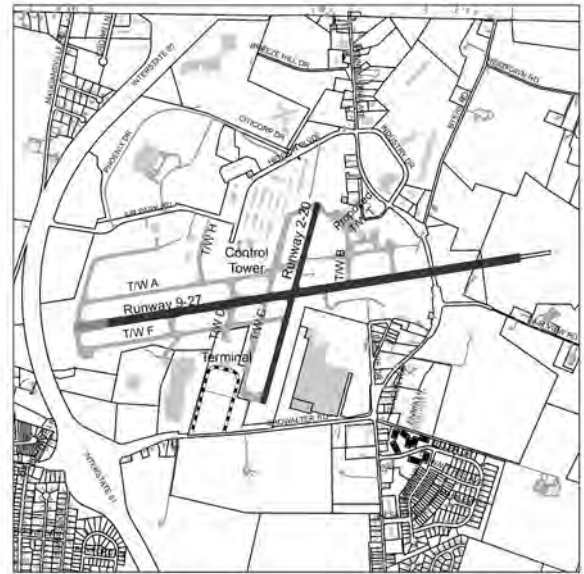
Project Justification The last rehabilitation of the taxiway was completed in 2008. This will make the existing surface approximately 20 years old in 2027 and it will have met the end of its useful life and will be ready for rehabilitation.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
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
Total Cost	1,920,000	0	0	0	0	0	0	1,920,000
Funding Sources:								
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
Total Funding	1,920,000	0	0	0	0	0	0	1,920,000

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 need rehabilitated.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,209,000	0	0	0	1,209,000	0	0	0
Engineering and Design	108,000	0	0	108,000	0	0	0	0
Total Cost	1,317,000	0	0	108,000	1,209,000	0	0	0
Funding Sources:								
Airport Fund	72,000	0	0	11,000	61,000	0	0	0
Federal Grant	1,185,000	0	0	97,000	1,088,000	0	0	0
State Grant	60,000	0	0	0	60,000	0	0	0
Total Funding	1,317,000	0	0	108,000	1,209,000	0	0	0



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Bridges



Bridges

Capital Improvement Ten Year Summary

Fiscal Year 2024 - 2033

		Budget Year				Ten Year Capital Program			
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
60	Bridge Inspection and Inventory	697,806	48,806	175,000	0	24,000	0	200,000	250,000
61	Crystal Falls Drive W3051	2,898,500	2,498,500	400,000	0	0	0	0	0
62	Keedysville Road Bridge W5651	2,964,600	2,564,600	400,000	0	0	0	0	0
63	Cleaning & Painting of Steel Bridges	358,000	108,000	100,000	0	0	0	0	150,000
64	Halfway Boulevard Bridges W0912	5,489,000	4,489,000	0	1,000,000	0	0	0	0
65	Country Store Lane Culvert 16/06	335,000	35,000	300,000	0	0	0	0	0
66	Gardenhour Road Bridge W2431	2,695,000	500,000	275,000	0	1,920,000	0	0	0
67	Greenspring Furnace Road Culvert 15/15	567,000	40,000	0	0	265,000	262,000	0	0
68	Kretsinger Road Culvert 14/01	443,000	137,000	306,000	0	0	0	0	0
69	Lanes Road Culvert 15/12	417,000	0	32,000	385,000	0	0	0	0
70	Appletown Road Bridge W2184	979,000	0	0	0	0	0	0	979,000
71	Ashton Road Culvert 04/06	559,000	0	0	0	0	0	0	559,000
72	Bowie Road Culvert	405,000	0	0	0	0	0	0	405,000
73	Burnside Bridge Road Culvert 01/03	461,000	0	0	0	160,000	301,000	0	0
74	Draper Road Culvert 04/07	589,000	0	0	0	0	0	0	589,000
75	Draper Road Culvert 04/08	530,000	0	0	0	0	0	0	530,000
76	Greenbrier Road Culvert 16/14	268,000	0	0	0	0	0	0	268,000
77	Gruber Road Bridge 04/10	396,000	0	0	0	0	0	0	396,000
78	Harpers Ferry Road Culvert 11/02	757,000	0	0	0	115,000	642,000	0	0
79	Henline Road Culvert 05/05	429,000	0	0	0	0	15,000	414,000	0
80	Hoffman's Inn Road Culvert 05/06	313,000	0	0	0	0	0	0	313,000
81	Long Hollow Road Culvert 05/07	416,000	0	0	0	66,000	350,000	0	0
82	Mercersburg Road Culvert 04/16	484,000	0	0	0	0	0	0	484,000
83	Mooreville Road Culvert 15/21	446,000	0	0	0	0	0	0	446,000
84	Poplar Grove Road Bridge W2432	1,955,000	0	0	0	0	0	0	1,955,000
85	Remsburg Road Culvert	387,000	0	0	119,000	268,000	0	0	0
86	Rinehart Road Culvert 14/03	465,000	0	0	0	465,000	0	0	0
87	Stone Masonry Bridge Repairs	270,000	0	0	0	0	0	270,000	0
88	Taylor's Landing Road Bridge W7101	1,379,000	0	0	0	0	0	0	1,379,000
89	Willow Road Culvert 05/10	323,000	0	0	0	0	0	0	323,000
90	Yarrowsburg Road Bridge W6191	2,102,000	0	0	0	0	0	0	2,102,000
TOTAL		30,777,906	10,420,906	1,988,000	1,504,000	3,283,000	1,570,000	884,000	11,128,000
Funding Sources									
General Fund		2,364,406	552,406	501,000	0	24,000	39,000	470,000	778,000
Tax-Supported Bond		12,817,717	1,823,717	32,000	0	1,739,000	1,531,000	414,000	7,278,000
Transfer Tax		994,983	379,983	615,000	0	0	0	0	0
Capital Reserve - General		704,000	0	0	704,000	0	0	0	0
Federal Grant		13,896,800	7,664,800	840,000	800,000	1,520,000	0	0	3,072,000
TOTAL		30,777,906	10,420,906	1,988,000	1,504,000	3,283,000	1,570,000	884,000	11,128,000

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.

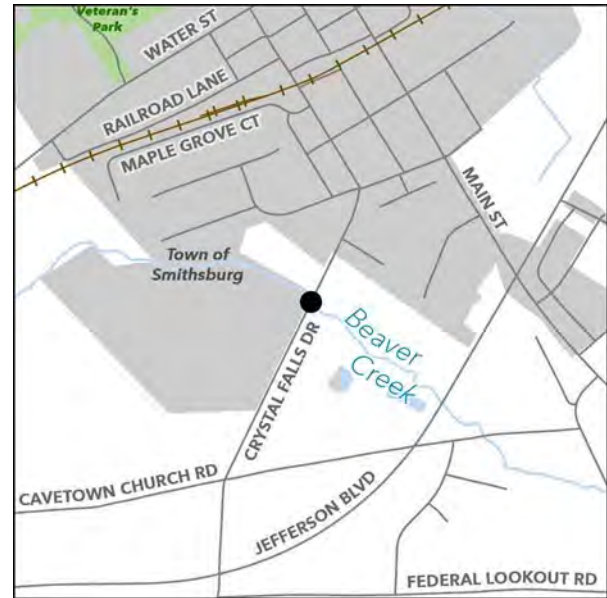
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Other	697,806	48,806	175,000	0	24,000	0	200,000	250,000
Total Cost	697,806	48,806	175,000	0	24,000	0	200,000	250,000
Funding Sources:								
General Fund	697,806	48,806	175,000	0	24,000	0	200,000	250,000
Total Funding	697,806	48,806	175,000	0	24,000	0	200,000	250,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,353,000	1,953,000	400,000	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
Total Cost	2,898,500	2,498,500	400,000	0	0	0	0	0

Funding Sources:								
General Fund	138,000	58,000	80,000	0	0	0	0	0
Tax-Supported Bond	720,717	720,717	0	0	0	0	0	0
Transfer Tax	67,983	67,983	0	0	0	0	0	0
Federal Grant	1,971,800	1,651,800	320,000	0	0	0	0	0
Total Funding	2,898,500	2,498,500	400,000	0	0	0	0	0

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.	2024	2025	2026	2027	2027	Future
Project Costs:								
Construction	2,526,000	2,126,000	400,000	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
Total Cost	2,964,600	2,564,600	400,000	0	0	0	0	0
Funding Sources:								
General Fund	417,600	337,600	80,000	0	0	0	0	0
Tax-Supported Bond	219,000	219,000	0	0	0	0	0	0
Federal Grant	2,328,000	2,008,000	320,000	0	0	0	0	0
Total Funding	2,964,600	2,564,600	400,000	0	0	0	0	0

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.

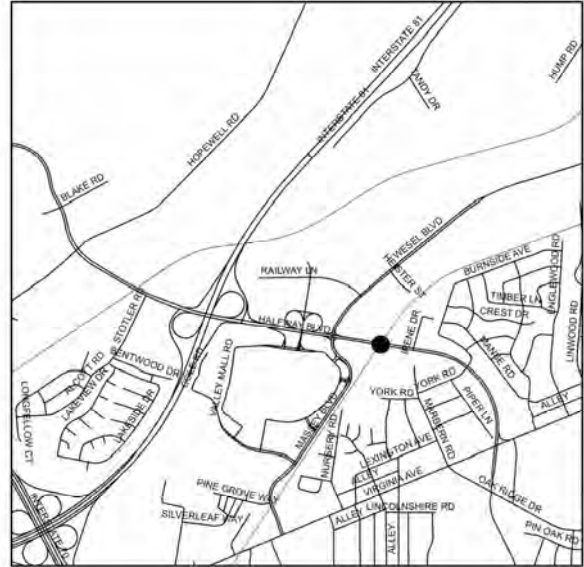
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	317,000	67,000	100,000	0	0	0	0	150,000
Inspection	41,000	41,000	0	0	0	0	0	0
Total Cost	358,000	108,000	100,000	0	0	0	0	150,000
Funding Sources:								
General Fund	358,000	108,000	100,000	0	0	0	0	150,000
Total Funding	358,000	108,000	100,000	0	0	0	0	150,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	4,489,000	3,489,000	0	1,000,000	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
Total Cost	5,489,000	4,489,000	0	1,000,000	0	0	0	0
Funding Sources:								
Tax-Supported Bond	884,000	884,000	0	0	0	0	0	0
Capital Reserve - General	200,000	0	0	200,000	0	0	0	0
Federal Grant	4,405,000	3,605,000	0	800,000	0	0	0	0
Total Funding	5,489,000	4,489,000	0	1,000,000	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	300,000	0	300,000	0	0	0	0	0
Engineering and Design	25,000	25,000	0	0	0	0	0	0
Land Acquisition	10,000	10,000	0	0	0	0	0	0
Total Cost	335,000	35,000	300,000	0	0	0	0	0
Funding Sources:								
Tax-Supported Bond	32,000	0	32,000	0	0	0	0	0
Transfer Tax	303,000	35,000	268,000	0	0	0	0	0
Total Funding	335,000	35,000	300,000	0	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,700,000	0	0	0	1,700,000	0	0	0
Engineering and Design	750,000	500,000	250,000	0	0	0	0	0
Inspection	200,000	0	0	0	200,000	0	0	0
Land Acquisition	25,000	0	25,000	0	0	0	0	0
Utilities	20,000	0	0	0	20,000	0	0	0
Total Cost	2,695,000	500,000	275,000	0	1,920,000	0	0	0

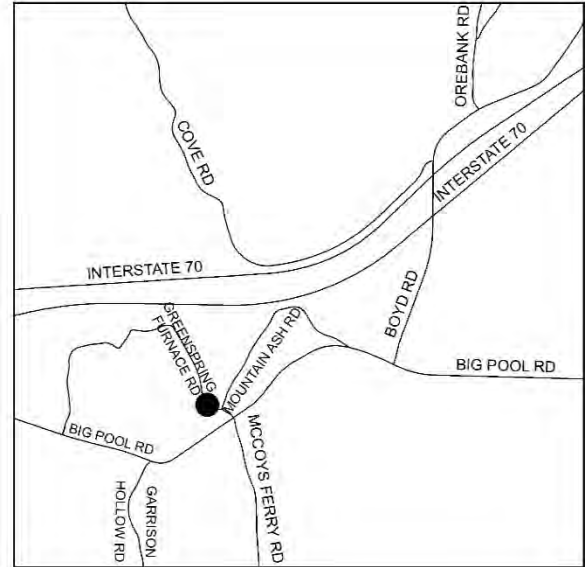
Funding Sources:								
Tax-Supported Bond	400,000	0	0	0	400,000	0	0	0
Transfer Tax	175,000	100,000	75,000	0	0	0	0	0
Federal Grant	2,120,000	400,000	200,000	0	1,520,000	0	0	0
Total Funding	2,695,000	500,000	275,000	0	1,920,000	0	0	0

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.

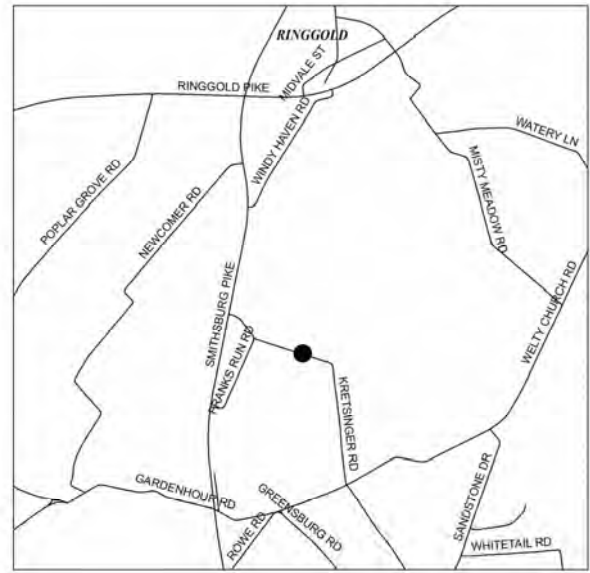
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	496,000	0	0	0	265,000	231,000	0	0
Inspection	31,000	0	0	0	0	31,000	0	0
Land Acquisition	15,000	15,000	0	0	0	0	0	0
Utilities	25,000	25,000	0	0	0	0	0	0
Total Cost	567,000	40,000	0	0	265,000	262,000	0	0
Funding Sources:								
General Fund	39,000	0	0	0	0	39,000	0	0
Tax-Supported Bond	488,000	0	0	0	265,000	223,000	0	0
Transfer Tax	40,000	40,000	0	0	0	0	0	0
Total Funding	567,000	40,000	0	0	265,000	262,000	0	0

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.

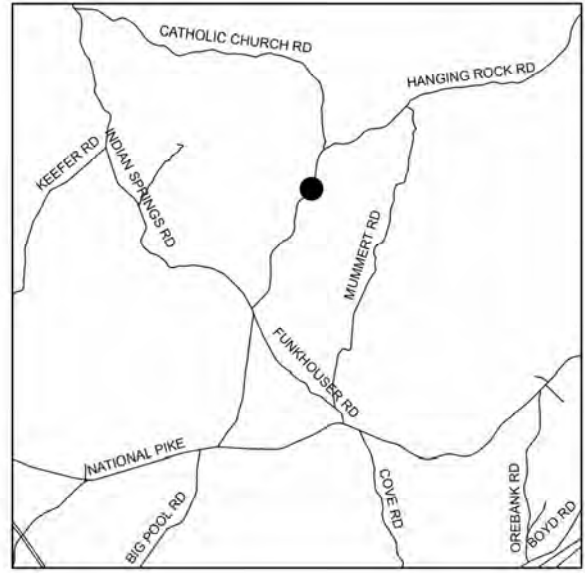
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	351,000	106,000	245,000	0	0	0	0	0
Inspection	31,000	0	31,000	0	0	0	0	0
Land Acquisition	20,000	10,000	10,000	0	0	0	0	0
Utilities	41,000	21,000	20,000	0	0	0	0	0
Total Cost	443,000	137,000	306,000	0	0	0	0	0
Funding Sources:								
Tax-Supported Bond	66,000	0	66,000	0	0	0	0	0
Transfer Tax	377,000	137,000	240,000	0	0	0	0	0
Total Funding	443,000	137,000	306,000	0	0	0	0	0

Project Title Lanes Road Culvert 15/12

Project ID BRG093

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 concrete culvert with a concrete box culvert, headwalls, and traffic barrier.

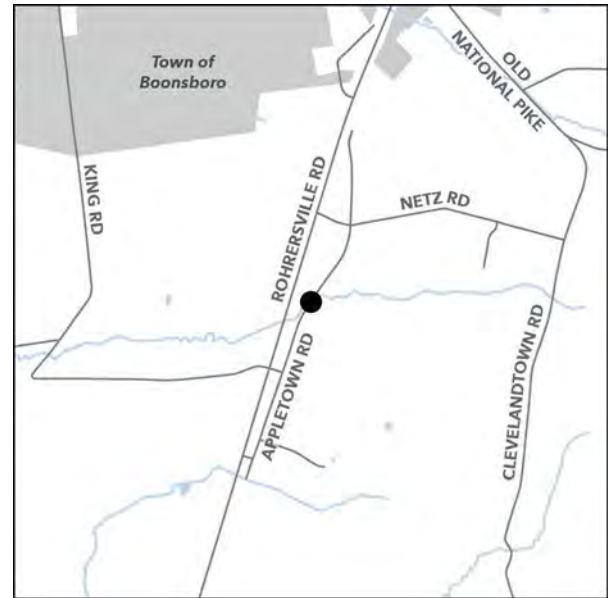
Project Justification The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	354,000	0	0	354,000	0	0	0	0
Inspection	31,000	0	0	31,000	0	0	0	0
Land Acquisition	11,000	0	11,000	0	0	0	0	0
Utilities	21,000	0	21,000	0	0	0	0	0
Total Cost	417,000	0	32,000	385,000	0	0	0	0
Funding Sources:								
Transfer Tax	32,000	0	32,000	0	0	0	0	0
Capital Reserve - General	385,000	0	0	385,000	0	0	0	0
Total Funding	417,000	0	32,000	385,000	0	0	0	0

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.

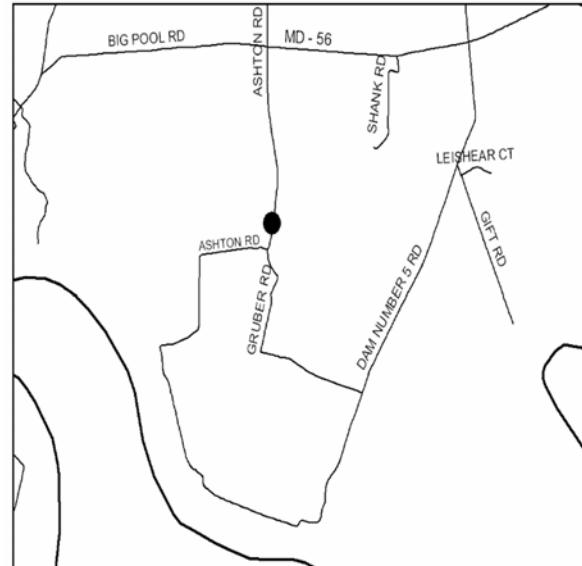
Project Justification This project is needed to replace a structure that is near the end of its useful life. The Bridge Sufficiency Rating is 38.0 out of a maximum possible score of 100. The bridge is classified as structurally deficient and scour critical.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	875,000	0	0	0	0	0	0	875,000
Inspection	44,000	0	0	0	0	0	0	44,000
Land Acquisition	20,000	0	0	0	0	0	0	20,000
Utilities	40,000	0	0	0	0	0	0	40,000
Total Cost	979,000	0	0	0	0	0	0	979,000
Funding Sources:								
General Fund	128,000	0	0	0	0	0	0	128,000
Tax-Supported Bond	851,000	0	0	0	0	0	0	851,000
Total Funding	979,000	0	0	0	0	0	0	979,000

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.

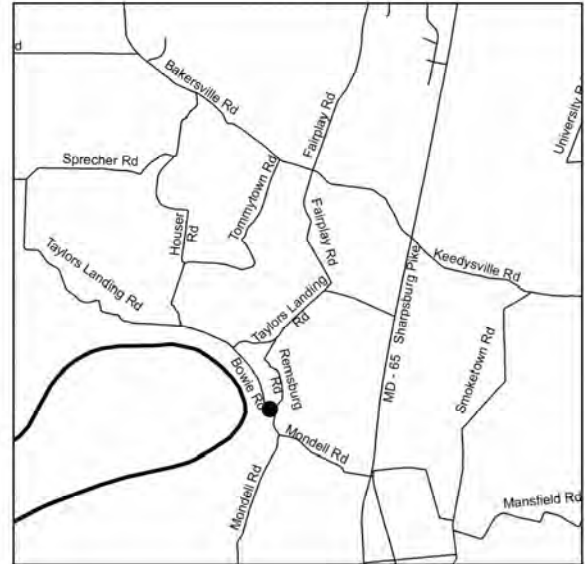
Project Justification The project is needed to replace a structure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	473,000	0	0	0	0	0	0	473,000
Inspection	44,000	0	0	0	0	0	0	44,000
Land Acquisition	12,000	0	0	0	0	0	0	12,000
Utilities	30,000	0	0	0	0	0	0	30,000
Total Cost	559,000	0	0	0	0	0	0	559,000
Funding Sources:								
Tax-Supported Bond	559,000	0	0	0	0	0	0	559,000
Total Funding	559,000	0	0	0	0	0	0	559,000

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.

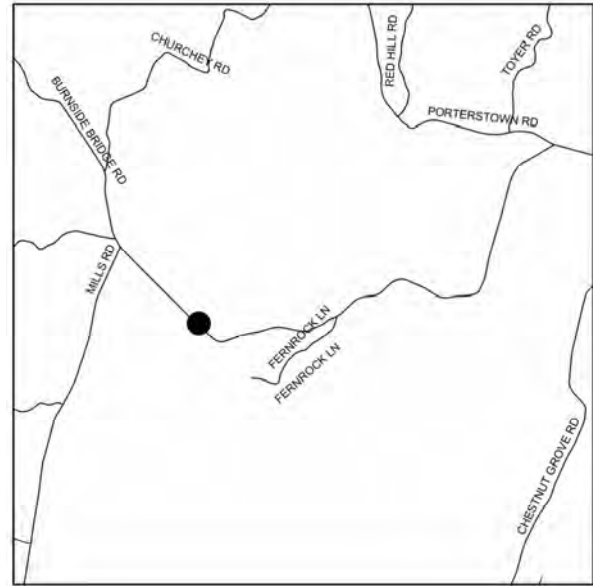
Project Justification The project is needed to replace a structure that is near the end of its useful life and to increase the structure size to reduce frequency of roadway overtopping.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	336,000	0	0	0	0	0	0	336,000
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
Total Cost	405,000	0	0	0	0	0	0	405,000
Funding Sources:								
General Fund	100,000	0	0	0	0	0	0	100,000
Tax-Supported Bond	305,000	0	0	0	0	0	0	305,000
Total Funding	405,000	0	0	0	0	0	0	405,000

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, Grid E-4). The project will replace the concrete slab with a precast concrete box culvert and headwalls.

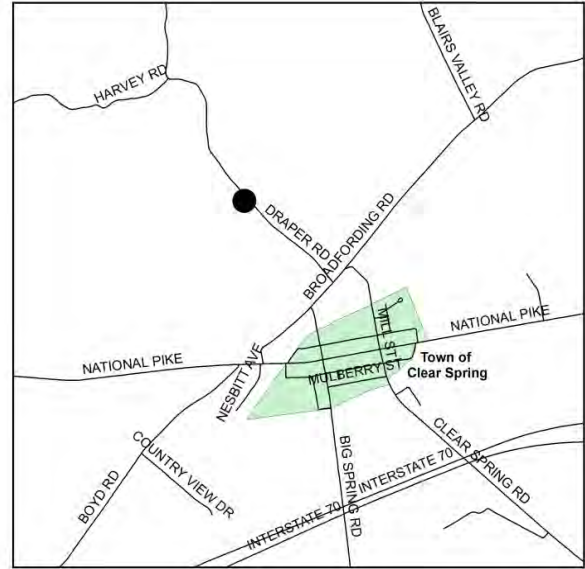
Project Justification The project is needed to replace a structure that is near the end of its useful life and to improve safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	374,000	0	0	0	105,000	269,000	0	0
Inspection	32,000	0	0	0	0	32,000	0	0
Land Acquisition	15,000	0	0	0	15,000	0	0	0
Utilities	40,000	0	0	0	40,000	0	0	0
Total Cost	461,000	0	0	0	160,000	301,000	0	0
Funding Sources:								
Tax-Supported Bond	461,000	0	0	0	160,000	301,000	0	0
Total Funding	461,000	0	0	0	160,000	301,000	0	0

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.

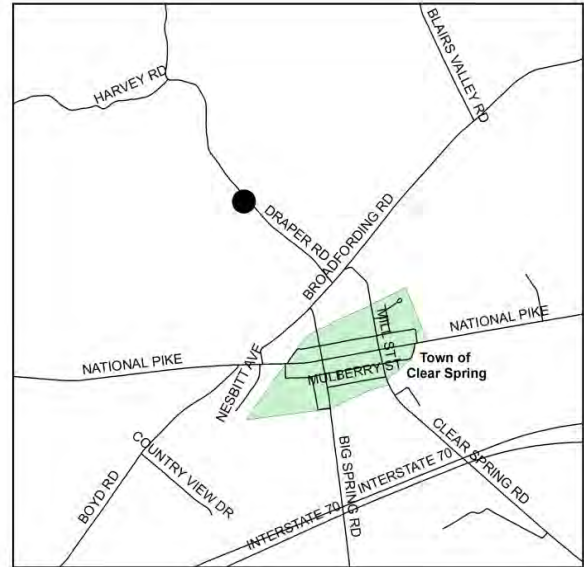
Project Justification The project is needed to replace a structure that is near the end of its useful life. Due to the structure type, no practical long term repair options exist. Traffic barrier upgrades will also improve traffic safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	500,000	0	0	0	0	0	0	500,000
Inspection	44,000	0	0	0	0	0	0	44,000
Land Acquisition	15,000	0	0	0	0	0	0	15,000
Utilities	30,000	0	0	0	0	0	0	30,000
Total Cost	589,000	0	0	0	0	0	0	589,000
Funding Sources:								
General Fund	8,000	0	0	0	0	0	0	8,000
Tax-Supported Bond	581,000	0	0	0	0	0	0	581,000
Total Funding	589,000	0	0	0	0	0	0	589,000

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.

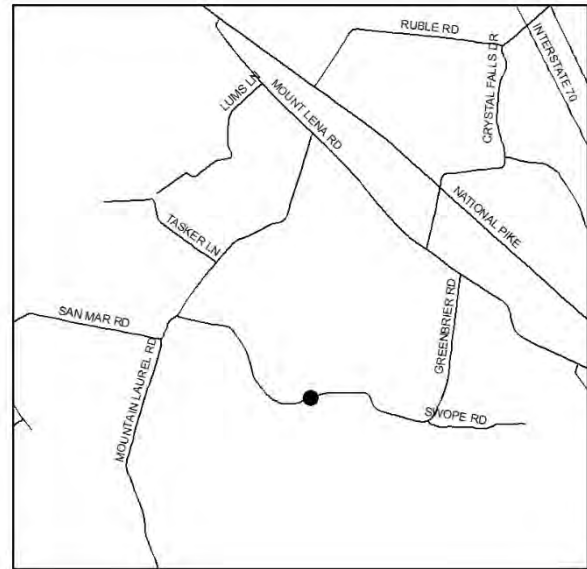
Project Justification The project is needed to replace a structure that is near the end of its useful life. Due to the structure type, no practical long term repair options exist. Traffic barrier upgrades will also improve traffic safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	435,000	0	0	0	0	0	0	435,000
Inspection	45,000	0	0	0	0	0	0	45,000
Land Acquisition	20,000	0	0	0	0	0	0	20,000
Utilities	30,000	0	0	0	0	0	0	30,000
Total Cost	530,000	0	0	0	0	0	0	530,000
Funding Sources:								
Tax-Supported Bond	530,000	0	0	0	0	0	0	530,000
Total Funding	530,000	0	0	0	0	0	0	530,000

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.

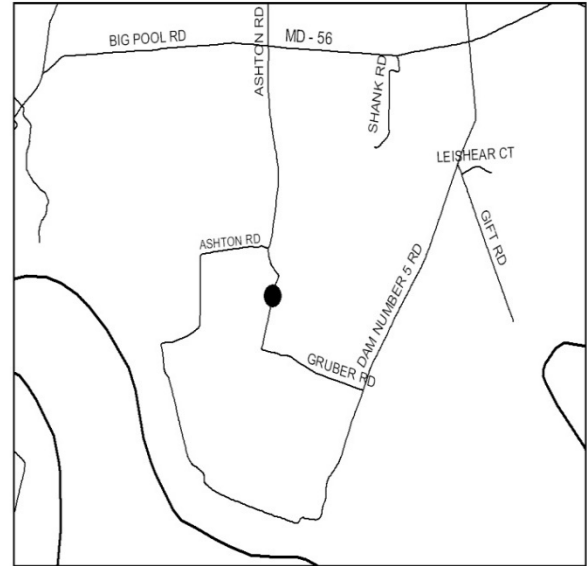
Project Justification The structure needs to be replaced due to its advanced deterioration as it is nearing the end of its useful life. Due to the structure type, no practical long term repair options exist.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	233,000	0	0	0	0	0	0	233,000
Inspection	35,000	0	0	0	0	0	0	35,000
Total Cost	268,000	0	0	0	0	0	0	268,000
Funding Sources:								
Tax-Supported Bond	268,000	0	0	0	0	0	0	268,000
Total Funding	268,000	0	0	0	0	0	0	268,000

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.

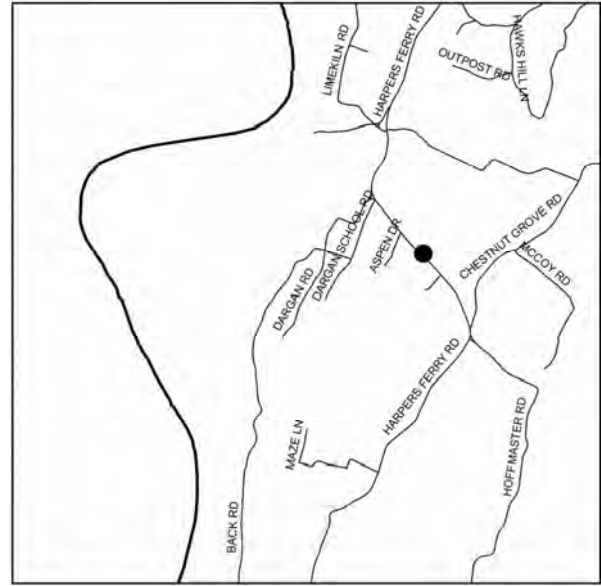
Project Justification The project is needed to replace a superstructure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	350,000	0	0	0	0	0	0	350,000
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
Total Cost	396,000	0	0	0	0	0	0	396,000
Funding Sources:								
Tax-Supported Bond	396,000	0	0	0	0	0	0	396,000
Total Funding	396,000	0	0	0	0	0	0	396,000

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.

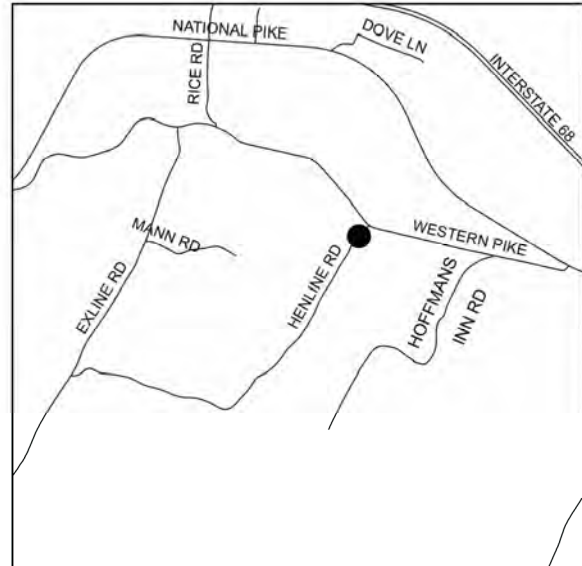
Project Justification The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	662,000	0	0	0	60,000	602,000	0	0
Inspection	40,000	0	0	0	0	40,000	0	0
Land Acquisition	15,000	0	0	0	15,000	0	0	0
Utilities	40,000	0	0	0	40,000	0	0	0
Total Cost	757,000	0	0	0	115,000	642,000	0	0
Funding Sources:								
Tax-Supported Bond	757,000	0	0	0	115,000	642,000	0	0
Total Funding	757,000	0	0	0	115,000	642,000	0	0

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.

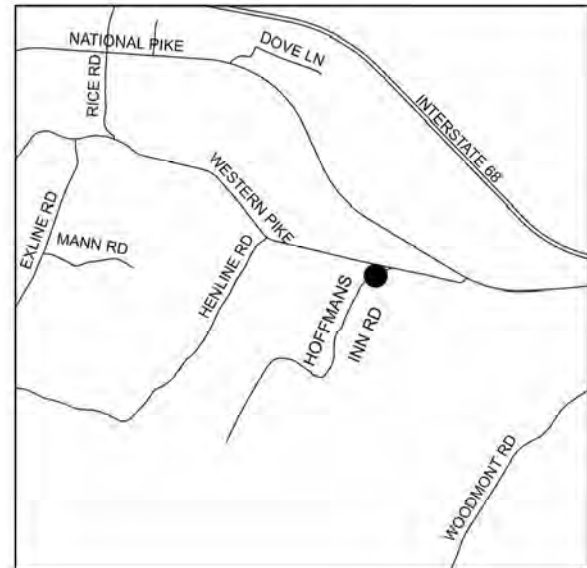
Project Justification The project is needed to replace a structure that is near the end of its useful life and to improve vehicle safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	389,000	0	0	0	0	0	389,000	0
Inspection	25,000	0	0	0	0	0	25,000	0
Land Acquisition	15,000	0	0	0	0	15,000	0	0
Total Cost	429,000	0	0	0	0	15,000	414,000	0
Funding Sources:								
Tax-Supported Bond	429,000	0	0	0	0	15,000	414,000	0
Total Funding	429,000	0	0	0	0	15,000	414,000	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
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
Total Cost	313,000	0	0	0	0	0	0	313,000
Funding Sources:								
Tax-Supported Bond	313,000	0	0	0	0	0	0	313,000
Total Funding	313,000	0	0	0	0	0	0	313,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	349,000	0	0	0	33,000	316,000	0	0
Inspection	34,000	0	0	0	0	34,000	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
Total Cost	416,000	0	0	0	66,000	350,000	0	0
Funding Sources:								
Tax-Supported Bond	416,000	0	0	0	66,000	350,000	0	0
Total Funding	416,000	0	0	0	66,000	350,000	0	0

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.

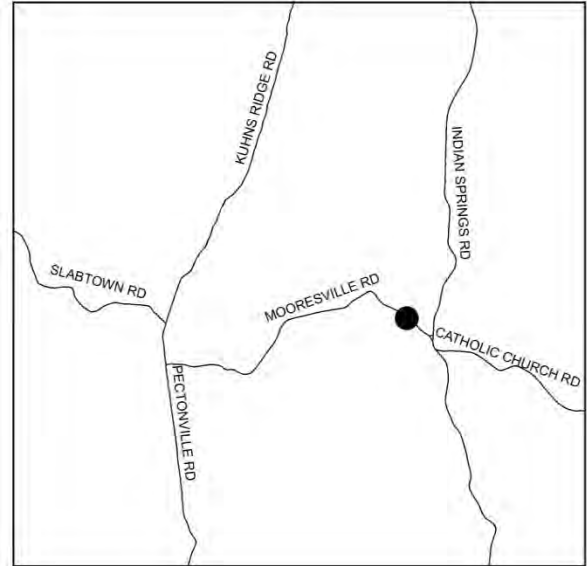
Project Justification The project is needed to replace a structure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	432,000	0	0	0	0	0	0	432,000
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
Total Cost	484,000	0	0	0	0	0	0	484,000
Funding Sources:								
Tax-Supported Bond	484,000	0	0	0	0	0	0	484,000
Total Funding	484,000	0	0	0	0	0	0	484,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	368,000	0	0	0	0	0	0	368,000
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
Total Cost	446,000	0	0	0	0	0	0	446,000
Funding Sources:								
General Fund	142,000	0	0	0	0	0	0	142,000
Tax-Supported Bond	304,000	0	0	0	0	0	0	304,000
Total Funding	446,000	0	0	0	0	0	0	446,000

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.

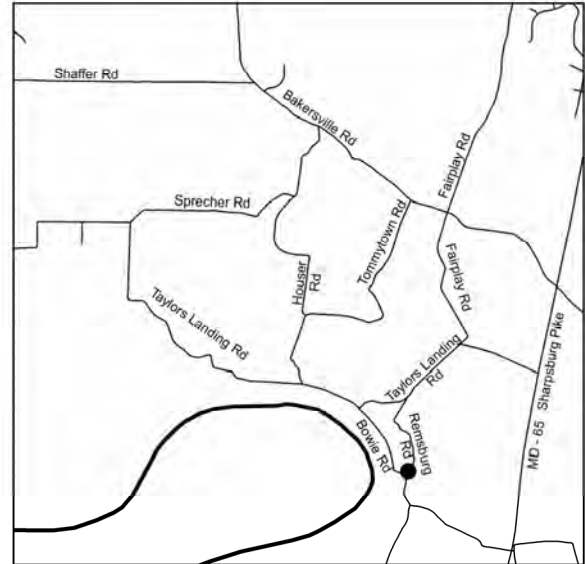
Project Justification The project is needed to replace a structure that is nearing the end of its useful life and to improve safety. Due to the structure type, no practical long term repair options exist. The Bridge Sufficiency Rating is 67.9 out of a maximum possible score of 100 and the bridge is classified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

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,800,000	0	0	0	0	0	0	1,800,000
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
Total Cost	1,955,000	0	0	0	0	0	0	1,955,000
Funding Sources:								
Tax-Supported Bond	515,000	0	0	0	0	0	0	515,000
Federal Grant	1,440,000							1,440,000
Total Funding	1,955,000	0	0	0	0	0	0	1,955,000

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.

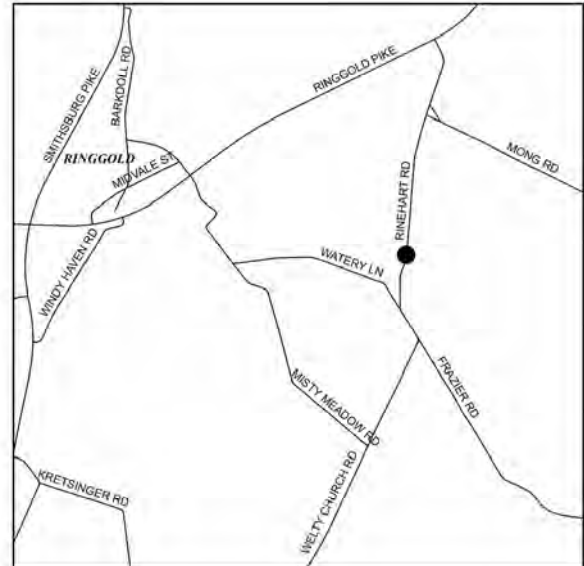
Project Justification The project is needed to replace a structure that is near the end of its useful life and will increase the structure size to reduce the frequency of roadway overtopping.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	319,000	0	0	84,000	235,000	0	0	0
Inspection	33,000	0	0	0	33,000	0	0	0
Land Acquisition	12,000	0	0	12,000	0	0	0	0
Utilities	23,000	0	0	23,000	0	0	0	0
Total Cost	387,000	0	0	119,000	268,000	0	0	0
Funding Sources:								
Tax-Supported Bond	268,000	0	0	0	268,000	0	0	0
Capital Reserve - General	119,000	0	0	119,000	0	0	0	0
Total Funding	387,000	0	0	119,000	268,000	0	0	0

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 concrete box culvert, headwalls, and 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	403,000	0	0	0	403,000	0	0	0
Inspection	31,000	0	0	0	31,000	0	0	0
Land Acquisition	10,000	0	0	0	10,000	0	0	0
Utilities	21,000	0	0	0	21,000	0	0	0
Total Cost	465,000	0	0	0	465,000	0	0	0
Funding Sources:								
Tax-Supported Bond	465,000	0	0	0	465,000	0	0	0
Total Funding	465,000	0	0	0	465,000	0	0	0

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).

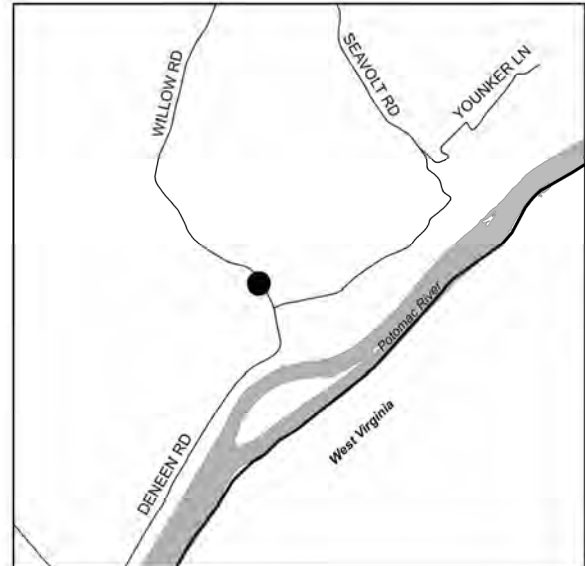
Project Justification This project is needed to extend the useful life of the structures in a cost-effective manner and to preserve the structures in a serviceable condition.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	200,000	0	0	0	0	0	200,000	0
Inspection	55,000	0	0	0	0	0	55,000	0
Land Acquisition	15,000	0	0	0	0	0	15,000	0
Total Cost	270,000	0	0	0	0	0	270,000	0
Funding Sources:								
General Fund	270,000	0	0	0	0	0	270,000	0
Total Funding	270,000	0	0	0	0	0	270,000	0

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, headwalls, and traffic barrier.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
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
Total Cost	323,000	0	0	0	0	0	0	323,000
Funding Sources:								
Tax-Supported Bond	323,000	0	0	0	0	0	0	323,000
Total Funding	323,000	0	0	0	0	0	0	323,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
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
Total Cost	2,102,000	0	0	0	0	0	0	2,102,000
Funding Sources:								
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
Total Funding	2,102,000	0	0	0	0	0	0	2,102,000

Drainage



Drainage Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year			Ten Year Capital Program			
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs								
92 Stream Restoration at Various Locations	2,306,782	1,056,782	0	250,000	0	250,000	0	750,000
93 Stormwater Retrofits	14,594,205	5,744,205	700,000	800,000	900,000	900,000	900,000	4,650,000
94 Drainage Improvements at Various Locations	850,000	300,000	50,000	50,000	50,000	50,000	50,000	300,000
95 Broadfording Church Road Culvert	231,000	0	0	0	57,000	174,000	0	0
96 Draper Road Drainage Improvements	609,000	0	0	0	0	0	0	609,000
97 Fort Ritchie Dam Repairs	200,000	0	0	50,000	150,000	0	0	0
98 Harpers Ferry Road Drainage, 3600 Block	525,000	0	0	0	75,000	450,000	0	0
99 Shank Road Drainage	214,000	0	0	0	0	214,000	0	0
100 Trego Mountain Road Drainage	415,000	0	0	0	0	0	0	415,000
101 University Road Culvert	285,000	0	0	0	0	0	285,000	0
TOTAL	20,229,987	7,100,987	750,000	1,150,000	1,232,000	2,038,000	1,235,000	6,724,000
Funding Sources								
General Fund	8,731,619	3,081,619	250,000	600,000	450,000	700,000	450,000	3,200,000
Tax-Supported Bond	3,848,530	1,569,530	0	0	132,000	838,000	285,000	1,024,000
Transfer Tax	6,180,000	1,180,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Capital Reserve - General	200,000	0	0	50,000	150,000	0	0	0
Federal Grant	1,000,000	1,000,000	0	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
TOTAL	20,229,987	7,100,987	750,000	1,150,000	1,232,000	2,038,000	1,235,000	6,724,000

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 FY25, 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,306,782	1,056,782	0	250,000	0	250,000	0	750,000
Total Cost	2,306,782	1,056,782	0	250,000	0	250,000	0	750,000
Funding Sources:								
General Fund	2,056,782	806,782	0	250,000	0	250,000	0	750,000
State Grant	250,000	250,000	0	0	0	0	0	0
Total Funding	2,306,782	1,056,782	0	250,000	0	250,000	0	750,000

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.

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

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	11,100,205	5,066,205	416,000	510,000	604,000	598,000	593,000	3,313,000
Engineering and Design	408,000	127,000	27,000	28,000	28,000	29,000	29,000	140,000
Other	2,721,000	429,000	234,000	239,000	244,000	249,000	254,000	1,072,000
Land Acquisition	365,000	122,000	23,000	23,000	24,000	24,000	24,000	125,000
Total Cost	14,594,205	5,744,205	700,000	800,000	900,000	900,000	900,000	4,650,000

Funding Sources:								
General Fund	5,824,837	1,974,837	200,000	300,000	400,000	400,000	400,000	2,150,000
Tax-Supported Bond	1,569,530	1,569,530	0	0	0	0	0	0
Transfer Tax	6,180,000	1,180,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Federal Grant	1,000,000	1,000,000	0	0	0	0	0	0
Contributions	19,838	19,838	0	0	0	0	0	0
Total Funding	14,594,205	5,744,205	700,000	800,000	900,000	900,000	900,000	4,650,000

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).

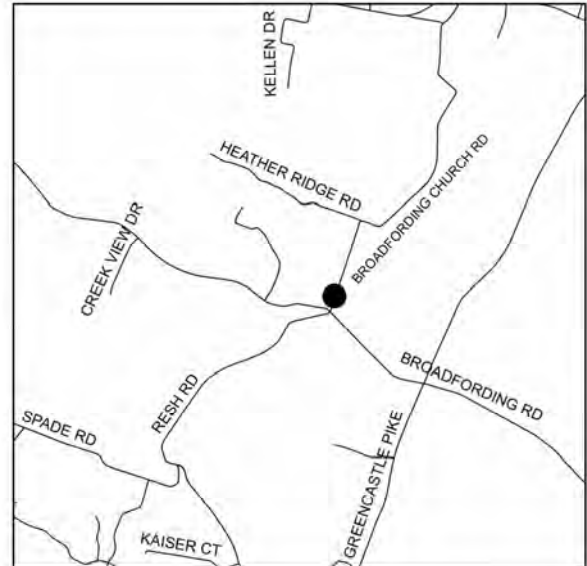
Project Justification These projects are needed to correct drainage issues in County right of way.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	770,000	270,000	40,000	50,000	40,000	50,000	40,000	280,000
Inspection	40,000	15,000	5,000	0	5,000	0	5,000	10,000
Land Acquisition	40,000	15,000	5,000	0	5,000	0	5,000	10,000
Total Cost	850,000	300,000	50,000	50,000	50,000	50,000	50,000	300,000
Funding Sources:								
General Fund	850,000	300,000	50,000	50,000	50,000	50,000	50,000	300,000
Total Funding	850,000	300,000	50,000	50,000	50,000	50,000	50,000	300,000

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.

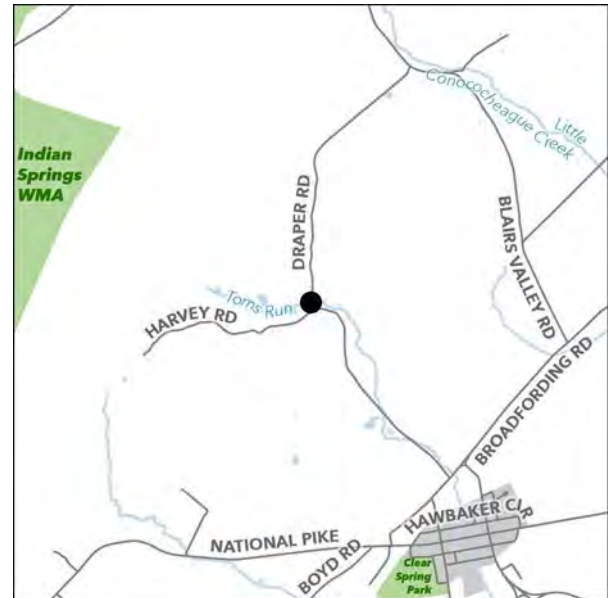
Project Justification The project is needed to replace a structure that is near the end of its useful life and improve vehicle safety.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	192,000	0	0	0	49,000	143,000	0	0
Inspection	31,000	0	0	0	0	31,000	0	0
Land Acquisition	5,000	0	0	0	5,000	0	0	0
Utilities	3,000	0	0	0	3,000	0	0	0
Total Cost	231,000	0	0	0	57,000	174,000	0	0
Funding Sources:								
Tax-Supported Bond	231,000	0	0	0	57,000	174,000	0	0
Total Funding	231,000	0	0	0	57,000	174,000	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	525,000	0	0	0	0	0	0	525,000
Inspection	44,000	0	0	0	0	0	0	44,000
Land Acquisition	20,000	0	0	0	0	0	0	20,000
Utilities	20,000	0	0	0	0	0	0	20,000
Total Cost	609,000	0	0	0	0	0	0	609,000
Funding Sources:								
Tax-Supported Bond	609,000	0	0	0	0	0	0	609,000
Total Funding	609,000	0	0	0	0	0	0	609,000

Project Title Fort Ritchie Dam Repairs

Full-time Employees 0

Operating Costs \$0



Project Description Upper and Lower Lake Royer Dams are in need of repairs as documented in the latest dam evaluation inspection report.

Project Assumptions The Dam Safety Division of the Maryland Department of Environment conducts periodic dam inspections to attempt to detect any early signs of deterioration that may affect the safe operation of the dam and to identify maintenance items, if performed routinely, can save costly repairs.

Project Justification The Dam Safety Division of the Maryland Department of Environment regulates dams in accordance with Sections 5-501 through 5-514, Annotated Code of Maryland, Environmental Article, and promotes safe design, maintenance, and operation in accordance with national and local best practices.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	150,000	0	0	0	150,000	0	0	0
Engineering and Design	50,000	0	0	50,000	0	0	0	0
Total Cost	200,000	0	0	50,000	150,000	0	0	0
Funding Sources:								
Capital Reserve - General	200,000	0	0	50,000	150,000	0	0	0
Total Funding	200,000	0	0	50,000	150,000	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	425,000	0	0	0	65,000	360,000	0	0
Inspection	38,000	0	0	0	0	38,000	0	0
Land Acquisition	10,000	0	0	0	10,000	0	0	0
Utilities	52,000	0	0	0	0	52,000	0	0
Total Cost	525,000	0	0	0	75,000	450,000	0	0
Funding Sources:								
Tax-Supported Bond	525,000	0	0	0	75,000	450,000	0	0
Total Funding	525,000	0	0	0	75,000	450,000	0	0

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.

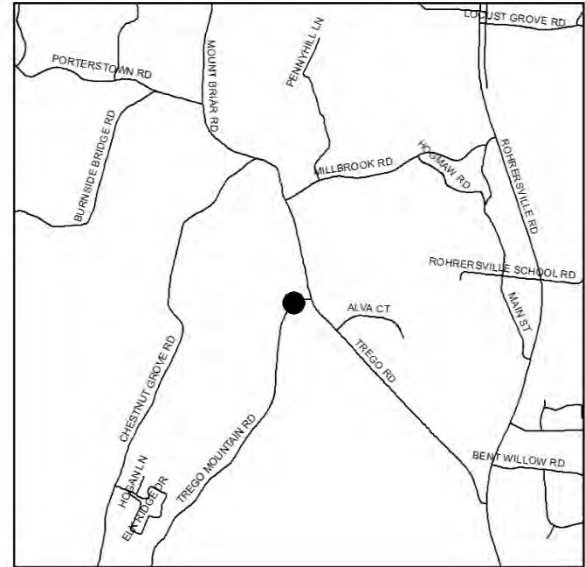
Project Justification The existing retaining wall is collapsing into the adjacent stream. Failure of the wall will cause properties to become inaccessible for emergency services and will cause more costly damage.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	191,000	0	0	0	0	191,000	0	0
Inspection	21,000	0	0	0	0	21,000	0	0
Land Acquisition	2,000	0	0	0	0	2,000	0	0
Total Cost	214,000	0	0	0	0	214,000	0	0
Funding Sources:								
Tax-Supported Bond	214,000	0	0	0	0	214,000	0	0
Total Funding	214,000	0	0	0	0	214,000	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	352,000	0	0	0	0	0	0	352,000
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
Total Cost	415,000	0	0	0	0	0	0	415,000
Funding Sources:								
Tax-Supported Bond	415,000	0	0	0	0	0	0	415,000
Total Funding	415,000	0	0	0	0	0	0	415,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	259,000	0	0	0	0	0	259,000	0
Inspection	21,000	0	0	0	0	0	21,000	0
Land Acquisition	5,000	0	0	0	0	0	5,000	0
Total Cost	285,000	0	0	0	0	0	285,000	0
Funding Sources:								
Tax-Supported Bond	285,000	0	0	0	0	0	285,000	0
Total Funding	285,000	0	0	0	0	0	285,000	0



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Education



Education Capital Improvement Ten Year Summary Fiscal Year 2024 – 2033

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
	<u>Education</u>								
	Board of Education								
106	Capital Maintenance - BOE	149,435,314	19,518,314	12,791,000	15,060,000	5,152,000	11,536,000	13,915,000	71,463,000
107	Replacement Elementary School	44,096,000	0	1,500,000	0	19,813,000	19,833,000	2,950,000	0
	Board of Education Total	193,531,314	19,518,314	14,291,000	15,060,000	24,965,000	31,369,000	16,865,000	71,463,000
	Hagerstown Community College								
110	Second Entrance Drive Widening Project	6,979,000	5,939,000	1,040,000	0	0	0	0	0
111	D.M. Bowman Family Workforce Training Center	1,800,000	0	1,800,000	0	0	0	0	0
112	ARCC Renovation	14,150,000	0	0	0	0	0	0	14,150,000
113	ATC Renovation	14,211,000	0	562,000	9,149,000	900,000	900,000	900,000	1,800,000
114	Campus Road & Parking Lot Overlays	1,000,000	0	0	0	0	0	0	1,000,000
115	Career Programs Roof Replacement	4,800,000	0	0	0	0	0	0	4,800,000
116	Multi-Roof Project	1,250,000	0	0	500,000	0	500,000	0	250,000
	Hagerstown Community College Total	44,190,000	5,939,000	3,402,000	9,649,000	900,000	1,400,000	900,000	22,000,000
	Public Libraries								
118	Systemic Projects - Library	426,492	76,492	25,000	25,000	30,000	30,000	35,000	205,000
119	Williamsport Library Replacement	15,621,000	50,000	0	634,000	1,756,000	9,717,000	3,464,000	0
	Public Libraries Total	16,047,492	126,492	25,000	659,000	1,786,000	9,747,000	3,499,000	205,000
	TOTAL	253,768,806	25,583,806	17,718,000	25,368,000	27,651,000	42,516,000	21,264,000	93,668,000
	Funding Sources								
	General Fund	2,315,444	1,498,444	15,000	15,000	20,000	587,000	25,000	155,000
	Tax-Supported Bond	55,610,331	8,073,331	5,940,000	4,000,000	3,263,000	4,934,000	4,900,000	24,500,000
	Transfer Tax	0	0	0	0	0	0	0	0
	Excise Tax - Schools	1,487,031	567,031	0	0	385,000	385,000	150,000	0
	Excise Tax - Library	110,000	10,000	10,000	10,000	10,000	10,000	10,000	50,000
	Capital Reserve - General	12,606,000	0	1,500,000	191,000	4,527,000	5,348,000	1,040,000	0
	Capital Reserve - Transfer Tax	1,500,000	500,000	0	0	0	1,000,000	0	0
	Capital Reserve - Excise Tax - Schools	1,770,000	0	0	0	770,000	1,000,000	0	0
	Capital Reserve - Excise Tax - Non-Residential	1,000,000	0	0	0	1,000,000	0	0	0
	Capital Reserve - APFO Fees - Schools	1,000,000	0	0	0	0	1,000,000	0	0
	State Grant	170,623,000	13,839,000	9,353,000	20,721,000	17,676,000	28,252,000	15,139,000	65,643,000
	Contributions	5,747,000	1,096,000	900,000	431,000	0	0	0	3,320,000
	TOTAL	253,768,806	25,583,806	17,718,000	25,368,000	27,651,000	42,516,000	21,264,000	93,668,000



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Board of Education Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
106	Capital Maintenance - BOE	149,435,314	19,518,314	12,791,000	15,060,000	5,152,000	11,536,000	13,915,000	71,463,000
107	Replacement Elementary School	44,096,000	0	1,500,000	0	19,813,000	19,833,000	2,950,000	0
TOTAL		193,531,314	19,518,314	14,291,000	15,060,000	24,965,000	31,369,000	16,865,000	71,463,000
Funding Sources									
	General Fund	1,757,952	1,381,952	0	0	0	376,000	0	0
	Tax-Supported Bond	45,430,331	7,033,331	4,000,000	4,000,000	2,363,000	4,034,000	4,000,000	20,000,000
	Excise Tax - Schools	1,487,031	567,031	0	0	385,000	385,000	150,000	0
	Capital Reserve - General	8,124,000	0	1,500,000	0	4,000,000	2,624,000	0	0
	Capital Reserve - Transfer Tax	1,500,000	500,000	0	0	0	1,000,000	0	0
	Capital Reserve - Excise Tax - Schools	1,770,000	0	0	0	770,000	1,000,000	0	0
	Capital Reserve - Excise Tax - Non-Residential	1,000,000	0	0	0	1,000,000	0	0	0
	Capital Reserve - APFO Fees - Schools	1,000,000	0	0	0	0	1,000,000	0	0
	State Grant	131,276,000	9,850,000	8,791,000	11,060,000	16,447,000	20,950,000	12,715,000	51,463,000
	Contributions	186,000	186,000	0	0	0	0	0	0
TOTAL		193,531,314	19,518,314	14,291,000	15,060,000	24,965,000	31,369,000	16,865,000	71,463,000

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 FY24 to support the following projects: Chiller/boiler replacements at E. Russell Hicks Middle, Clear Spring High, and Eastern Elementary, electrical distribution replacements at Springfield Middle, Hancock Middle/High, and Smithsburg Middle, and HVAC replacement at Pleasant Valley Elementary.

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

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	149,435,314	19,518,314	12,791,000	15,060,000	5,152,000	11,536,000	13,915,000	71,463,000
Total Cost	149,435,314	19,518,314	12,791,000	15,060,000	5,152,000	11,536,000	13,915,000	71,463,000
Funding Sources:								
General Fund	1,381,952	1,381,952	0	0	0	0	0	0
Tax-Supported Bond	43,950,331	7,033,331	4,000,000	4,000,000	1,518,000	3,399,000	4,000,000	20,000,000
Excise Tax - Schools	567,031	567,031	0	0	0	0	0	0
Capital Reserve - Transfer Tax	500,000	500,000	0	0	0	0	0	0
State Grant	102,850,000	9,850,000	8,791,000	11,060,000	3,634,000	8,137,000	9,915,000	51,463,000
Contributions	186,000	186,000	0	0	0	0	0	0
Total Funding	149,435,314	19,518,314	12,791,000	15,060,000	5,152,000	11,536,000	13,915,000	71,463,000

Project Title Replacement Elementary School

Project ID SCH035

Full-time Employees 0

Operating Costs \$0



Project Description The project will build a new elementary school that will replace two existing elementary schools. The new school will be a 4-round, 78,538 sq ft facility that would accommodate 628 students.

Project Assumptions Project site to be on Board of Education property on Downsville Pike.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	2,571,000	0	1,200,000	0	1,100,000	200,000	71,000	0
Construction	39,366,000	0	300,000	0	18,713,000	18,833,000	1,520,000	0
Equipment/Furniture	2,159,000	0	0	0	0	800,000	1,359,000	0
Total Cost	44,096,000	0	1,500,000	0	19,813,000	19,833,000	2,950,000	0

Funding Sources:								
General Fund	376,000	0	0	0	0	376,000	0	0
Tax-Supported Bond	1,480,000	0	0	0	845,000	635,000	0	0
Excise Tax - Schools	920,000	0	0	0	385,000	385,000	150,000	0
Capital Reserve - General	8,124,000	0	1,500,000	0	4,000,000	2,624,000	0	0
Capital Reserve - Transfer Tax	1,000,000	0	0	0	0	1,000,000	0	0
Capital Reserve - Excise Tax - Schools	1,770,000	0	0	0	770,000	1,000,000	0	0
Capital Reserve - Excise Tax - Non-Residential	1,000,000	0	0	0	1,000,000	0	0	0
Capital Reserve - APFO Fees - Schools	1,000,000	0	0	0	0	1,000,000	0	0
State Grant	28,426,000	0	0	0	12,813,000	12,813,000	2,800,000	0
Total Funding	44,096,000	0	1,500,000	0	19,813,000	19,833,000	2,950,000	0



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Hagerstown Community College Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

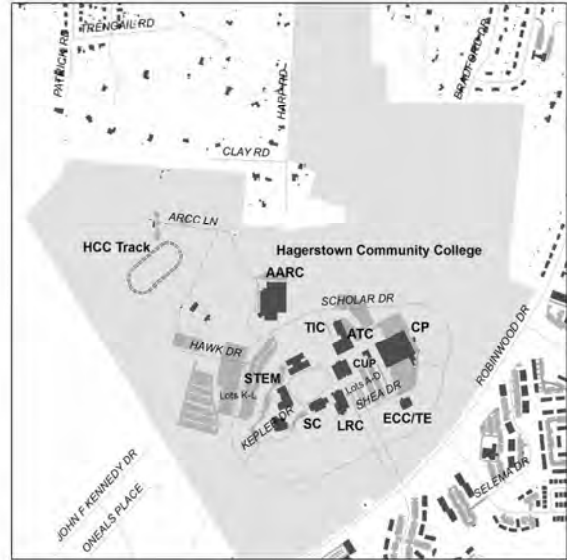
		Budget Year		Ten Year Capital Program				
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs								
110 Second Entrance Drive Widening Project	6,979,000	5,939,000	1,040,000	0	0	0	0	0
111 D.M. Bowman Family Workforce Training Center	1,800,000	0	1,800,000	0	0	0	0	0
112 ARCC Renovation	14,150,000	0	0	0	0	0	0	14,150,000
113 ATC Renovation	14,211,000	0	562,000	9,149,000	900,000	900,000	900,000	1,800,000
114 Campus Road & Parking Lot Overlays	1,000,000	0	0	0	0	0	0	1,000,000
115 Career Programs Roof Replacement	4,800,000	0	0	0	0	0	0	4,800,000
116 Multi-Roof Project	1,250,000	0	0	500,000	0	500,000	0	250,000
TOTAL	44,190,000	5,939,000	3,402,000	9,649,000	900,000	1,400,000	900,000	22,000,000
Funding Sources								
Tax-Supported Bond	10,180,000	1,040,000	1,940,000	0	900,000	900,000	900,000	4,500,000
State Grant	28,449,000	3,989,000	562,000	9,218,000	0	500,000	0	14,180,000
Contributions	5,561,000	910,000	900,000	431,000	0	0	0	3,320,000
TOTAL	44,190,000	5,939,000	3,402,000	9,649,000	900,000	1,400,000	900,000	22,000,000

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 57% funding from the State and 30% 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.

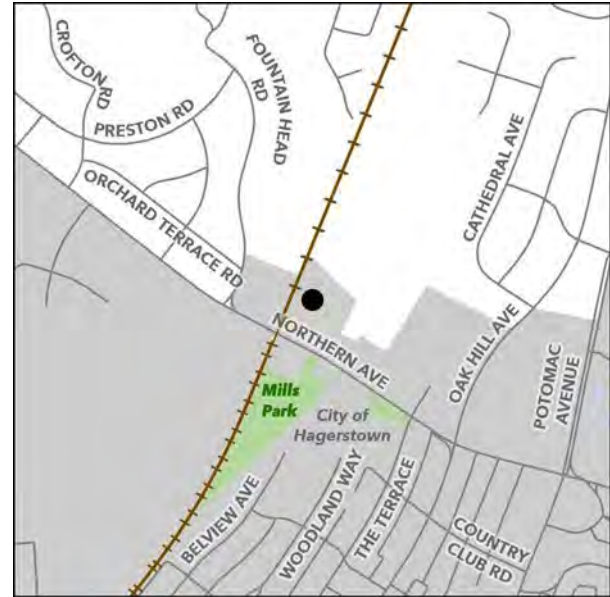
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	399,000	399,000	0	0	0	0	0	0
Construction	6,580,000	5,540,000	1,040,000	0	0	0	0	0
Total Cost	6,979,000	5,939,000	1,040,000	0	0	0	0	0
Funding Sources:								
Tax-Supported Bond	2,080,000	1,040,000	1,040,000	0	0	0	0	0
State Grant	3,988,000	3,989,000	0	0	0	0	0	0
Contributions	910,000	910,000	0	0	0	0	0	0
Total Funding	6,978,000	5,939,000	1,040,000	0	0	0	0	0

Project Title D.M. Bowman Family
Workforce Training Center

Project ID COL031

Full-time Employees 0

Operating Costs \$0



Project Description The D.M. Bowman Family Workforce Training Center (Northern Avenue College) was purchased in 2021 with the intent of having hands on industrial trades. The project will include moving the Commercial Vehicle Training program along with new driving ranges and hands on classrooms. The Valley Mall location will be relocated to the Training Center along with their courses and staff to offer workforce and continuing education courses. ABC Institute will also be leasing space and relocating to this building. Currently HCC has designed the building and is completing interior demolition. Construction is expected to begin in the spring.

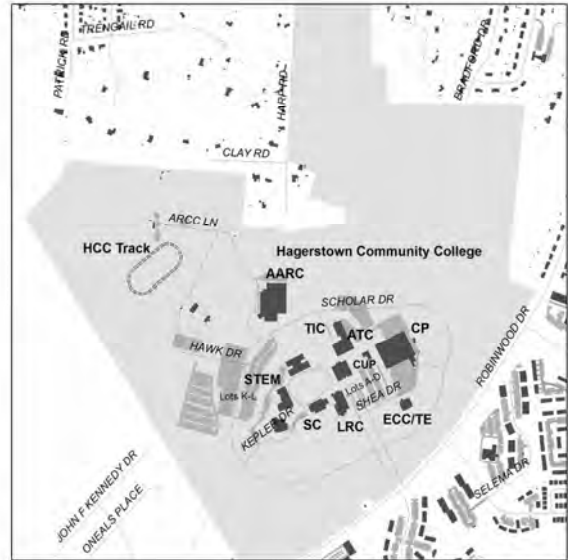
Project Justification This project will support programs that are critical to the local economy by providing trained and certified students ready for the transportation and warehousing industry.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,800,000	0	1,800,000	0	0	0	0	0
Total Cost	1,800,000	0	1,800,000	0	0	0	0	0
Funding Sources:								
Tax-Supported Bond	900,000	0	900,000	0	0	0	0	0
Contributions	900,000	0	900,000	0	0	0	0	0
Total Funding	1,800,000	0	1,800,000	0	0	0	0	0

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 and 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.

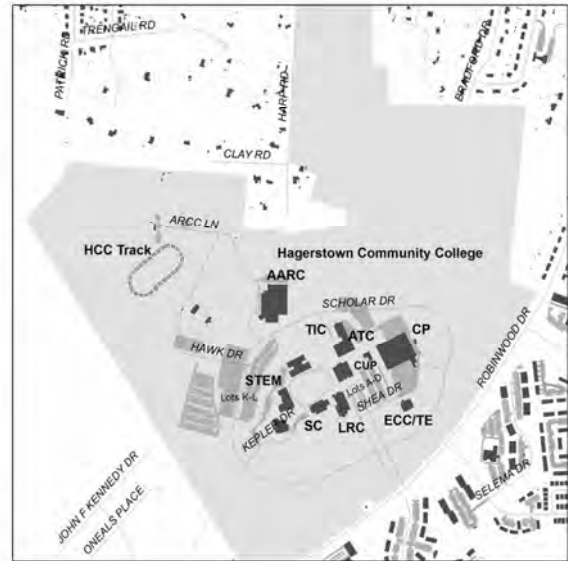
Project Justification Building and fields are old and in need of repair.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	1,175,000	0	0	0	0	0	0	1,175,000
Construction	12,975,000	0	0	0	0	0	0	12,975,000
Total Cost	14,150,000	0	0	0	0	0	0	14,150,000
Funding Sources:								
Tax-Supported Bond	1,035,000	0	0	0	0	0	0	1,035,000
State Grant	9,795,000	0	0	0	0	0	0	9,795,000
Contributions	3,320,000	0	0	0	0	0	0	3,320,000
Total Funding	14,150,000	0	0	0	0	0	0	14,150,000

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 65%.

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.

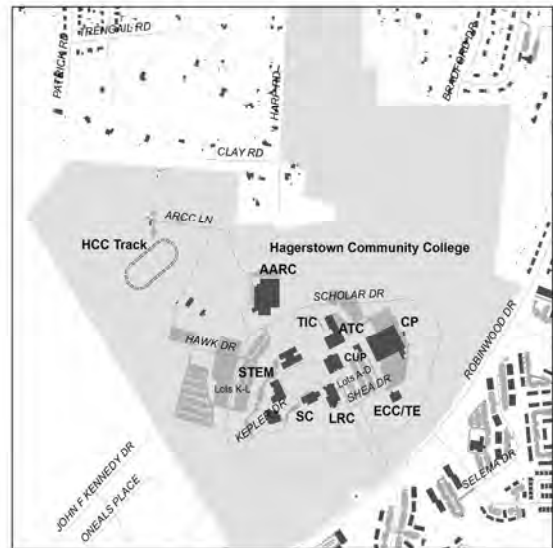
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	861,000	0	562,000	299,000	0	0	0	0
Construction	12,300,000	0	0	7,800,000	900,000	900,000	900,000	1,800,000
Equipment/Furniture	1,050,000	0	0	1,050,000	0	0	0	0
Total Cost	14,211,000	0	562,000	9,149,000	900,000	900,000	900,000	1,800,000

Funding Sources:								
Tax-Supported Bond	4,500,000	0	0	0	900,000	900,000	900,000	1,800,000
State Grant	9,280,000	0	562,000	8,718,000	0	0	0	0
Contributions	431,000	0	0	431,000	0	0	0	0
Total Funding	14,211,000	0	562,000	9,149,000	900,000	900,000	900,000	1,800,000

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 Assumes 100% state funding.

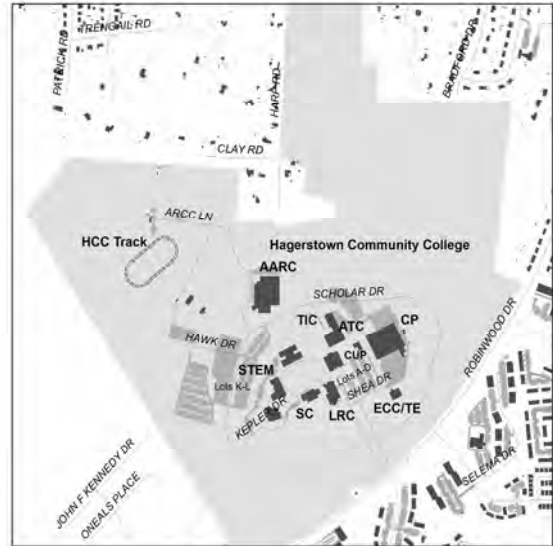
Project Justification This project is vital to the upkeep of the roads on campus as they continue to age and deteriorate. Repairing roadways and parking lots is costly and time consuming. If the project is not funded, the College may need to limit traffic on the east side of campus because the poor condition 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,000,000	0	0	0	0	0	0	1,000,000
Total Cost	1,000,000	0	0	0	0	0	0	1,000,000
Funding Sources:								
State Grant	1,000,000	0	0	0	0	0	0	1,000,000
Total Funding	1,000,000	0	0	0	0	0	0	1,000,000

Project Title Career Programs Renovation and Roof Replacement

Full-time Employees 0

Operating Costs \$0



Project Description Replace the roof on the Career Programs Building. The roof at the time of replacement will be out of warranty and reaching the end of its lifespan. The roof will be replaced with an Energy Star rated modified bitumen system. Also included will be new flashing and gutters.

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

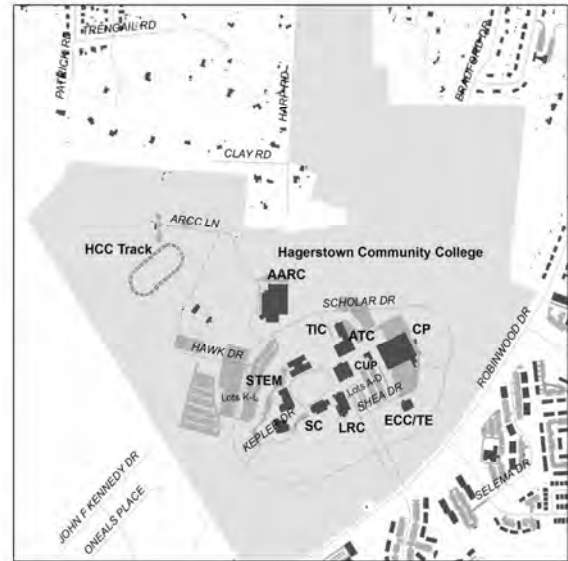
Project Justification It is critical at this point in the roof's useful life to be replaced prior to water damage taking place in various parts of the building. This would create additional costs and possibly require significant renovation if this were to occur.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	300,000	0	0	0	0	0	0	300,000
Construction	4,000,000	0	0	0	0	0	0	4,000,000
Equipment/Furniture	500,000	0	0	0	0	0	0	500,000
Total Cost	4,800,000	0	0	0	0	0	0	4,800,000
Funding Sources:								
Tax-Supported Bond	1,665,000	0	0	0	0	0	0	1,665,000
State Grant	3,135,000	0	0	0	0	0	0	3,135,000
Total Funding	4,800,000	0	0	0	0	0	0	4,800,000

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 their warranties will expire by the anticipated project year:

1. Kepler Theater (original building) - Built-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 100% State funding.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,250,000	0	0	500,000	0	500,000	0	250,000
Total Cost	1,250,000	0	0	500,000	0	500,000	0	250,000
Funding Sources:								
State Grant	1,250,000	0	0	500,000	0	500,000	0	250,000
Total Funding	1,250,000	0	0	500,000	0	500,000	0	250,000

Public Libraries
Capital Improvement Ten Year Summary
Fiscal Year 2024 - 2033

		Budget Year				Ten Year Capital Program			
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
118	Systemic Projects - Library	426,492	76,492	25,000	25,000	30,000	30,000	35,000	205,000
119	Williamsport Library Replacement	15,621,000	50,000	0	634,000	1,756,000	9,717,000	3,464,000	0
TOTAL		16,047,492	126,492	25,000	659,000	1,786,000	9,747,000	3,499,000	205,000
Funding Sources									
General Fund		557,492	116,492	15,000	15,000	20,000	211,000	25,000	155,000
Excise Tax - Library		110,000	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Capital Reserve - General		4,482,000	0	0	191,000	527,000	2,724,000	1,040,000	0
State Grant		10,898,000	0	0	443,000	1,229,000	6,802,000	2,424,000	0
TOTAL		16,047,492	126,492	25,000	659,000	1,786,000	9,747,000	3,499,000	205,000

Project Title Systemic Projects - Library

Project ID BLD075

Full-time Employees 0

Operating Costs \$0

Project Description Future systemic projects could include, chillers, boilers, rooftop HVAC units, cooling towers, and roof replacements. Projects are building oriented not operationally related.

FY25 - Boonsboro HVAC;

FY27 - Smithsburg HVAC

Project Assumptions Assumes projects are not grant eligible.

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

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	426,492	76,492	25,000	25,000	30,000	30,000	35,000	205,000
Total Cost	426,492	76,492	25,000	25,000	30,000	30,000	35,000	205,000
Funding Sources:								
General Fund	316,492	66,492	15,000	15,000	20,000	20,000	25,000	155,000
Excise Tax - Library	110,000	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Total Funding	426,492	76,492	25,000	25,000	30,000	30,000	35,000	205,000

Project Title Williamsport Library Replacement

Project ID BLD110

Full-time Employees 3

Operating Costs \$112,000

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

Project Assumptions Assumes 70% State funding.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	1,015,000	0	0	609,000	304,000	51,000	51,000	0
Construction	13,649,000	0	0	0	1,364,000	9,138,000	3,147,000	0
Hardware/Software	370,000	0	0	0	0	275,000	95,000	0
Engineering and Design	28,000	0	0	0	28,000	0	0	0
Equipment/Furniture	179,000	0	0	0	0	143,000	36,000	0
Inspection	110,000	0	0	0	0	0	110,000	0
Miscellaneous	133,000	0	0	0	40,000	68,000	25,000	0
Other	95,000	50,000	0	25,000	20,000	0	0	0
Utilities	42,000	0	0	0	0	42,000	0	0
Total Cost	15,621,000	50,000	0	634,000	1,756,000	9,717,000	3,464,000	0

Funding Sources:								
General Fund	241,000	50,000	0	0	0	191,000	0	0
Capital Reserve - General	4,482,000	0	0	191,000	527,000	2,724,000	1,040,000	0
State Grant	10,898,000	0	0	443,000	1,229,000	6,802,000	2,424,000	0
Total Funding	15,621,000	50,000	0	634,000	1,756,000	9,717,000	3,464,000	0



General Government



General Government Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
122	Cost of Bond Issuance	978,000	80,000	88,000	90,000	90,000	90,000	90,000	450,000
123	Systemic Improvements - Building	7,768,007	1,068,007	700,000	1,000,000	1,000,000	1,000,000	500,000	2,500,000
124	Facilities Roof Repairs	2,600,000	1,500,000	200,000	200,000	100,000	100,000	100,000	400,000
125	Equipment and Vehicle Wash Facility	325,000	75,000	0	250,000	0	0	0	0
126	Stormwater Management and Watershed Services Office Building	1,100,000	0	200,000	900,000	0	0	0	0
127	Information Systems Replacement Program	1,276,653	151,653	75,000	100,000	100,000	100,000	100,000	650,000
128	Financial System Management & Upgrades	255,709	105,709	15,000	15,000	15,000	15,000	15,000	75,000
129	County Wireless Infrastructure	37,000	17,000	0	20,000	0	0	0	0
130	General - Equipment and Vehicle Replacement Program	1,944,623	944,623	100,000	100,000	100,000	100,000	100,000	500,000
131	Courthouse Courtroom 1 Renovation	1,300,000	0	0	0	0	0	0	1,300,000
TOTAL		17,584,992	3,941,992	1,378,000	2,675,000	1,405,000	1,405,000	905,000	5,875,000
Funding Sources									
	General Fund	14,834,992	3,841,992	1,178,000	1,525,000	1,405,000	1,405,000	905,000	4,575,000
	Tax-Supported Bond	2,300,000	100,000	0	900,000	0	0	0	1,300,000
	Transfer Tax	250,000	0	0	250,000	0	0	0	0
	Capital Reserve - General	200,000	0	200,000	0	0	0	0	0
TOTAL		17,584,992	3,941,992	1,378,000	2,675,000	1,405,000	1,405,000	905,000	5,875,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Bond issuance	978,000	80,000	88,000	90,000	90,000	90,000	90,000	450,000
Total Cost	978,000	80,000	88,000	90,000	90,000	90,000	90,000	450,000
Funding Sources:								
General Fund	978,000	80,000	88,000	90,000	90,000	90,000	90,000	450,000
Total Funding	978,000	80,000	88,000	90,000	90,000	90,000	90,000	450,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	7,768,007	1,068,007	700,000	1,000,000	1,000,000	1,000,000	500,000	2,500,000
Total Cost	7,768,007	1,068,007	700,000	1,000,000	1,000,000	1,000,000	500,000	2,500,000
Funding Sources:								
General Fund	7,768,007	1,068,007	700,000	1,000,000	1,000,000	1,000,000	500,000	2,500,000
Total Funding	7,768,007	1,068,007	700,000	1,000,000	1,000,000	1,000,000	500,000	2,500,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,600,000	1,500,000	200,000	200,000	100,000	100,000	100,000	400,000
Total Cost	2,600,000	1,500,000	200,000	200,000	100,000	100,000	100,000	400,000
Funding Sources:								
General Fund	2,500,000	1,400,000	200,000	200,000	100,000	100,000	100,000	400,000
Tax-Supported Bond	100,000	100,000	0	0	0	0	0	0
Total Funding	2,600,000	1,500,000	200,000	200,000	100,000	100,000	100,000	400,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	250,000	0	0	250,000	0	0	0	0
Engineering and Design	75,000	75,000	0	0	0	0	0	0
Total Cost	325,000	75,000	0	250,000	0	0	0	0
Funding Sources:								
General Fund	75,000	75,000	0	0	0	0	0	0
Transfer Tax	250,000	0	0	250,000	0	0	0	0
Total Funding	325,000	75,000	0	250,000	0	0	0	0

Project Title **Stormwater Management and Watershed
Services Office Building**

Project ID BLD116

Full-time Employees 0

Operating Costs \$15,000



Project Description Construction of an office building for staff working in stormwater management and watershed services.

Project Assumptions The project assumes an approximate 3,500 SF building with garage and paved parking lot at Kemps Mill Park. The building will include storage areas and maintenance bays to perform maintenance on clean county equipment.

Project Justification This facility will house the staff needed to implement the mandated National Pollution Discharge System (NPDS) permit.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	900,000	0	0	900,000	0	0	0	0
Engineering and Design	200,000	0	200,000	0	0	0	0	0
Total Cost	1,100,000	0	200,000	900,000	0	0	0	0
Funding Sources:								
Tax-Supported Bond	900,000	0	0	900,000	0	0	0	0
Capital Reserve - General	200,000	0	200,000	0	0	0	0	0
Total Funding	1,100,000	0	200,000	900,000	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Hardware/Software	1,276,653	151,653	75,000	100,000	100,000	100,000	100,000	650,000
Total Cost	1,276,653	151,653	75,000	100,000	100,000	100,000	100,000	650,000
Funding Sources:								
General Fund	1,276,653	151,653	75,000	100,000	100,000	100,000	100,000	650,000
Total Funding	1,276,653	151,653	75,000	100,000	100,000	100,000	100,000	650,000

Project Title Financial System Management & Upgrades

Project ID COM019

Full-time Employees 0

Operating Costs \$0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Hardware/Software	255,709	105,709	15,000	15,000	15,000	15,000	15,000	75,000
Total Cost	255,709	105,709	15,000	15,000	15,000	15,000	15,000	75,000
Funding Sources:								
General Fund	255,709	105,709	15,000	15,000	15,000	15,000	15,000	75,000
Total Funding	255,709	105,709	15,000	15,000	15,000	15,000	15,000	75,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Hardware/Software	37,000	17,000	0	20,000	0	0	0	0
Total Cost	37,000	17,000	0	20,000	0	0	0	0
Funding Sources:								
General Fund	37,000	17,000	0	20,000	0	0	0	0
Total Funding	37,000	17,000	0	20,000	0	0	0	0

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 Election Board – 10400 – Signature Verification Software - \$70,380

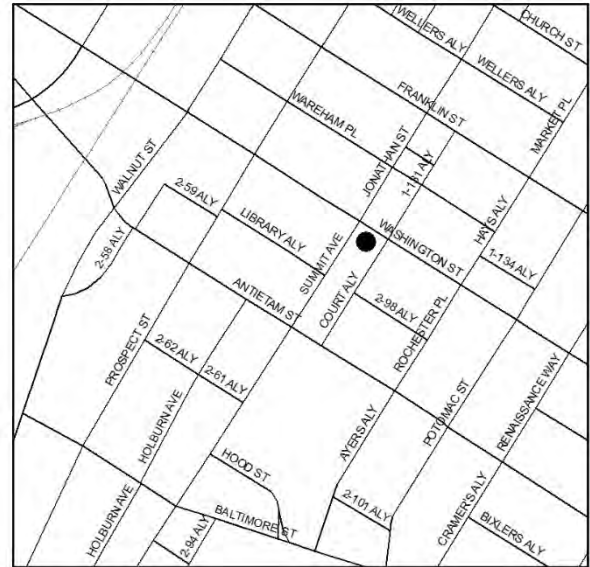
Project Justification The goal of the replacement program is to strike a balance for minimizing replacement costs versus maintenance and fuel costs. The program allows for the purchase of replacement vehicles and equipment used to provide County-wide services within Washington County. The County's equipment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

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	1,944,623	944,623	100,000	100,000	100,000	100,000	100,000	500,000
Total Cost	1,944,623	944,623	100,000	100,000	100,000	100,000	100,000	500,000
Funding Sources:								
General Fund	1,944,623	944,623	100,000	100,000	100,000	100,000	100,000	500,000
Total Funding	1,944,623	944,623	100,000	100,000	100,000	100,000	100,000	500,000

Project Title Courthouse Courtroom 1 Renovation

Full-time Employees 0

Operating Costs \$0



Project Description Renovation of Courtroom 1 to include juror deliberation room and judge chambers.

Project Assumptions Pending general fund monies

Project Justification Courtroom 1 has not been renovated in 40 years. It is the primary courtroom for jury trials and ceremonies. The functional layout of the room is not conducive. The Courtroom also lacks the safety improvements of other rooms. The masonry above the ceiling is falling onto the drop ceiling, HVAC upgrades are needed, and the juror deliberation room and judge chamber finishes are dated.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	150,000	0	0	0	0	0	0	150,000
Construction	1,000,000	0	0	0	0	0	0	1,000,000
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	1,300,000	0	0	0	0	0	0	1,300,000
Funding Sources:								
Tax-Supported Bond	1,300,000	0	0	0	0	0	0	1,300,000
Total Funding	1,300,000	0	0	0	0	0	0	1,300,000



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Parks & Recreation



Parks & Recreation Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year		Ten Year Capital Program					
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
134	Black Rock Capital Equipment Program	389,618	54,618	25,000	100,000	25,000	25,000	25,000	135,000
135	Agriculture Education Center Indoor Multipurpose Building	8,670,000	4,050,000	550,000	1,270,000	2,800,000	0	0	0
136	Hardcourt Playing Surfaces	339,963	204,963	0	15,000	15,000	15,000	15,000	75,000
137	Ag Center Land Development	2,198,000	198,000	0	1,000,000	1,000,000	0	0	0
138	Park Equipment/Surfacing Replacement, Various Locations	1,400,731	700,731	0	0	175,000	0	175,000	350,000
139	Parking Lot Repair/Overlay, Various Locations	525,896	75,896	0	50,000	50,000	50,000	50,000	250,000
140	Antietam Creek Water Trail	357,000	242,000	15,000	50,000	50,000	0	0	0
141	Ag Center Show Area Floor	50,000	0	50,000	0	0	0	0	0
142	Recreational Field Bleachers	70,000	0	70,000	0	0	0	0	0
143	Black Rock Bunker Rehabilitation	250,000	0	0	0	250,000	0	0	0
144	Conococheague Creek Water Trail	310,000	0	0	0	10,000	180,000	120,000	0
145	Doubs Woods Disc Golf	50,000	0	0	0	0	0	0	50,000
146	Kemps Mill Park Trails	100,000	0	0	0	100,000	0	0	0
147	Marty Snook Park Multimodal Trail and Parking	700,000	0	0	0	100,000	300,000	300,000	0
148	Marty Snook Park Pool Renovation and Accessible Entrance	750,000	0	0	0	350,000	400,000	0	0
149	Mt. Briar Wetland Preserve Trails and Conservation Area	100,000	0	0	100,000	0	0	0	0
150	North Central County Park	5,400,000	0	0	100,000	0	500,000	800,000	4,000,000
151	Park Entrances and Security Upgrades	200,000	0	0	0	100,000	100,000	0	0
152	Pen Mar-Fort Ritchie-Cascade Trail Connection	290,000	0	0	50,000	120,000	0	120,000	0
153	Regional Park Dog Park	80,000	0	0	80,000	0	0	0	0
TOTAL		22,231,208	5,526,208	710,000	2,815,000	5,145,000	1,570,000	1,605,000	4,860,000
Funding Sources									
	General Fund	5,004,071	377,071	52,000	392,000	1,547,000	563,000	547,000	1,526,000
	Capital Reserve - General	2,390,000	550,000	0	1,270,000	570,000	0	0	0
	Capital Reserve - Transfer Tax	2,295,000	0	0	915,000	1,380,000	0	0	0
	Federal Grant	4,206,000	3,574,000	0	0	176,000	150,000	306,000	
	State Grant	8,086,137	1,025,137	658,000	238,000	1,222,000	857,000	752,000	3,334,000
	Contributions	250,000	0	0	0	250,000	0	0	0
TOTAL		22,231,208	5,526,208	710,000	2,815,000	5,145,000	1,570,000	1,605,000	4,860,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	389,618	54,618	25,000	100,000	25,000	25,000	25,000	135,000
Total Cost	389,618	54,618	25,000	100,000	25,000	25,000	25,000	135,000
Funding Sources:								
General Fund	389,618	54,618	25,000	100,000	25,000	25,000	25,000	135,000
Total Funding	389,618	54,618	25,000	100,000	25,000	25,000	25,000	135,000

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 - 45,000 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. The facility size will be determined by the availability of onsite water and sewer capacity.

Project Assumptions Project assumes ARPA and POS funding. Additional federal and state funding will be pursued.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	6,990,000	3,450,000	200,000	1,270,000	2,070,000	0	0	0
Engineering and Design	650,000	300,000	350,000	0	0	0	0	0
Equipment/Furniture	600,000	0	0	0	600,000	0	0	0
Inspection	80,000	0	0	0	80,000	0	0	0
Utilities	350,000	300,000	0	0	50,000	0	0	0
Total Cost	8,670,000	4,050,000	550,000	1,270,000	2,800,000	0	0	0

Funding Sources:								
Capital Reserve - General	1,475,000	550,000	0	355,000	570,000	0	0	0
Capital Reserve - Transfer Tax	2,295,000	0	0	915,000	1,380,000	0	0	0
Federal Grant	3,500,000	3,500,000	0	0	0	0	0	0
State Grant	1,150,000	0	550,000	0	600,000	0	0	0
Contributions	250,000	0	0	0	250,000	0	0	0
Total Funding	8,670,000	4,050,000	550,000	1,270,000	2,800,000	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	339,963	204,963	0	15,000	15,000	15,000	15,000	75,000
Total Cost	339,963	204,963	0	15,000	15,000	15,000	15,000	75,000
Funding Sources:								
General Fund	226,963	91,963	0	15,000	15,000	15,000	15,000	75,000
State Grant	113,000	113,000	0	0	0	0	0	0
Total Funding	339,963	204,963	0	15,000	15,000	15,000	15,000	75,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,151,000	151,000	0	1,000,000	1,000,000	0	0	0
Other	47,000	47,000	0	0	0	0	0	0
Total Cost	2,198,000	198,000	0	1,000,000	1,000,000	0	0	0
Funding Sources:								
General Fund	1,119,000	55,000	0	64,000	1,000,000	0	0	0
Capital Reserve - General	915,000	0	0	915,000	0	0	0	0
State Grant	164,000	143,000	0	21,000	0	0	0	0
Total Funding	2,198,000	198,000	0	1,000,000	1,000,000	0	0	0

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. Priorities include replacing equipment at Marty Snook Park and Installing an inclusive playground. As well as Pleasant Valley Park equipment replacement.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	1,440,731	700,731	0	0	175,000	0	175,000	350,000
Total Cost	1,440,731	700,731	0	0	175,000	0	175,000	350,000
Funding Sources:								
General Fund	111,150	39,150	0	0	18,000	0	18,000	36,000
State Grant	1,289,581	661,581	0	0	157,000	0	157,000	314,000
Total Funding	1,400,731	700,731	0	0	175,000	0	175,000	350,000

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.

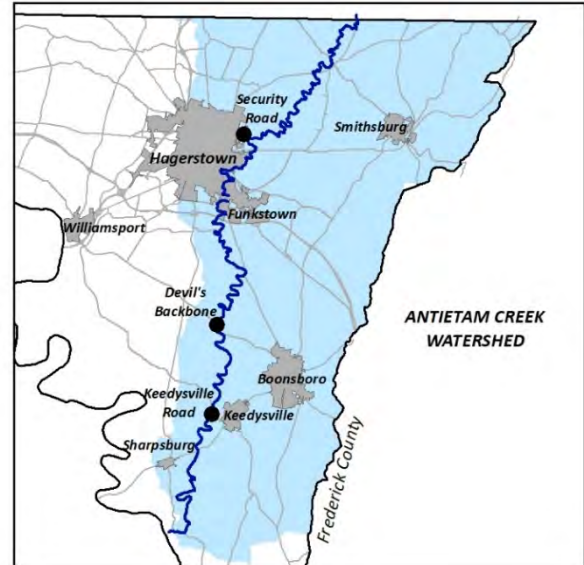
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	525,896	75,896	0	50,000	50,000	50,000	50,000	250,000
Total Cost	525,896	75,896	0	50,000	50,000	50,000	50,000	250,000
Funding Sources:								
General Fund	55,340	10,340	0	5,000	5,000	5,000	5,000	25,000
State Grant	470,556	65,556	0	45,000	45,000	45,000	45,000	225,000
Total Funding	525,896	75,896	0	50,000	50,000	50,000	50,000	250,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	315,000	200,000	15,000	50,000	50,000	0	0	0
Land Acquisition	42,000	42,000	0	0	0	0	0	0
Total Cost	357,000	242,000	15,000	50,000	50,000	0	0	0
Funding Sources:								
General Fund	146,000	126,000	15,000	0	5,000	0	0	0
Federal Grant	74,000	74,000	0	0	0	0	0	0
State Grant	137,000	42,000	0	50,000	45,000	0	0	0
Total Funding	357,000	242,000	15,000	50,000	50,000	0	0	0

Project Title Ag Center Show Area Floor

Project ID REC055

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	50,000	0	50,000	0	0	0	0	0
Total Cost	50,000	0	50,000	0	0	0	0	0
Funding Sources:								
General Fund	5,000	0	5,000	0	0	0	0	0
State Grant	45,000	0	45,000	0	0	0	0	0
Total Funding	50,000	0	50,000	0	0	0	0	0

Project Title **Recreational Bleachers**

Project ID REC056

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Other	70,000	0	70,000	0	0	0	0	0
Total Cost	70,000	0	70,000	0	0	0	0	0
Funding Sources:								
General Fund	7,000	0	7,000	0	0	0	0	0
State Grant	63,000	0	63,000	0	0	0	0	0
Total Funding	70,000	0	70,000	0	0	0	0	0

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

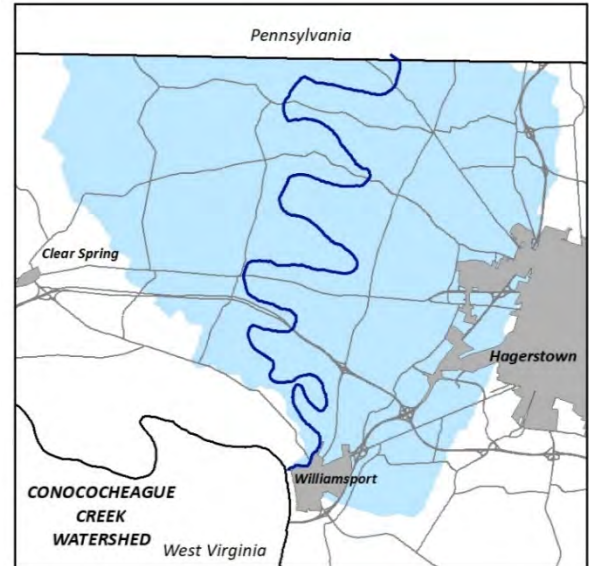
Project Justification The bunkers have not been rehabilitated in over 30 years and are hardpacked from soil contamination

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	250,000	0	0	0	250,000	0	0	0
Total Cost	250,000	0	0	0	250,000	0	0	0
Funding Sources:								
General Fund	25,000	0	0	0	25,000	0	0	0
State Grant	225,000	0	0	0	225,000	0	0	0
Total Funding	250,000	0	0	0	250,000	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	310,000	0	0	0	10,000	180,000	120,000	0
Total Cost	310,000	0	0	0	10,000	180,000	120,000	0
Funding Sources:								
General Fund	88,000	0	0	0	10,000	18,000	60,000	0
Federal Grant	60,000	0	0	0	0	0	60,000	0
State Grant	162,000	0	0	0	0	162,000	0	0
Total Funding	310,000	0	0	0	10,000	180,000	120,000	0

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

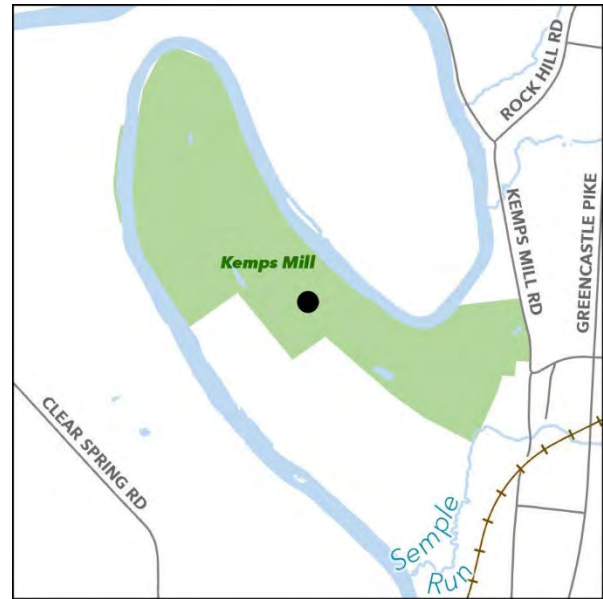
Project Justification The County's Disc Golf Course at Regional Park is popular and there is a need for a second location. Doubs Woods offers a variety of terrain and available space for a 9-hole course.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	50,000	0	0	0	0	0	0	50,000
Total Cost	50,000	0	0	0	0	0	0	50,000
Funding Sources:								
General Fund	5,000	0	0	0	0	0	0	5,000
State Grant	45,000	0	0	0	0	0	0	45,000
Total Funding	50,000	0	0	0	0	0	0	50,000

Project Title **Kemps Mill Park Trails**

Full-time Employees 0

Operating Costs \$0

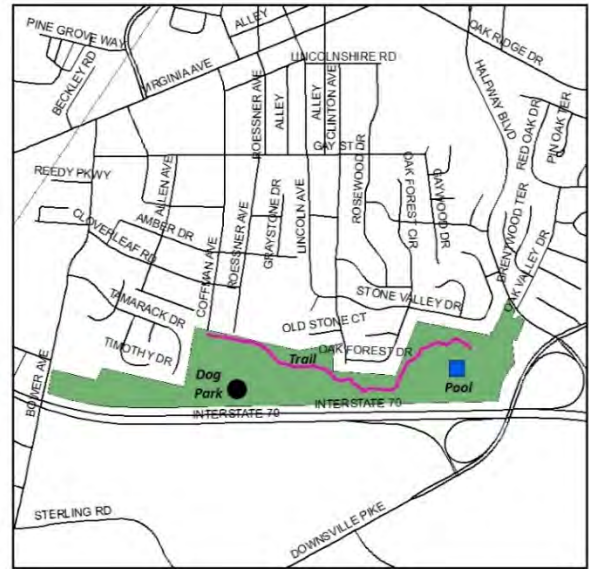


Project Description Mountain bike course and walking trails. May include potential for future land acquisition and expansion of trail network.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	100,000	0	0	0	100,000	0	0	0
Total Cost	100,000	0	0	0	100,000	0	0	0
Funding Sources:								
General Fund	20,000	0	0	0	20,000	0	0	0
State Grant	80,000	0	0	0	80,000	0	0	0
Total Funding	100,000	0	0	0	100,000	0	0	0

Project Title Marty Snook Park Multimodal Trail and Parking**Full-time Employees** 0**Operating Costs** \$0

Project Description Expand the multimodal paved trail at Marty Snook Park. Provide designated return loop to the existing trail. Project will look at traffic operations and address parking needs.

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

Project Justification Expansion of the existing trail network. Includes multimodal trail, additional facility parking and improvements. Currently, pedestrians use the park access road and there is no shoulder or protection. Sections of the park are beyond capacity for parking.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	600,000	0	0	0	0	300,000	300,000	0
Engineering and Design	100,000	0	0	0	100,000	0	0	0
Total Cost	700,000	0	0	0	100,000	300,000	300,000	0
Funding Sources:								
General Fund	400,000	0	0	0	100,000	150,000	150,000	0
Federal Grant	300,000	0	0	0	0	150,000	150,000	0
Total Funding	700,000	0	0	0	100,000	300,000	300,000	0

Project Title Marty Snook Park Pool Renovation and Accessible Entrance

Full-time Employees 0

Operating Costs \$0



Project Description Renovate Marty Snook Park Pool. 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. Expand the patron fenced in area. Renovate the existing restrooms and install a new roof.

Project Assumptions Pending Program Open Space or other state funding.

Project Justification Marty Snook Park pool is over 35 years old and in need of a facility renovation and amenity update to remain relevant with user expectations. Many of the existing facilities and equipment are in need to replacement. The whitecoat is peeling. The kid pool is underutilized. There is a lack of pool side space and shade.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	650,000	0	0	0	250,000	400,000	0	0
Engineering and Design	100,000	0	0	0	100,000	0	0	0
Total Cost	750,000	0	0	0	350,000	400,000	0	0
Funding Sources:								
General Fund	350,000	0	0	0	200,000	150,000	0	0
State Grant	400,000	0	0	0	150,000	250,000	0	0
Total Funding	750,000	0	0	0	350,000	400,000	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	100,000	0	0	100,000	0	0	0	0
Total Cost	100,000	0	0	100,000	0	0	0	0
Funding Sources:								
General Fund	50,000	0	0	50,000	0	0	0	0
State Grant	50,000	0	0	50,000	0	0	0	0
Total Funding	100,000	0	0	100,000	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	200,000	0	0	0	100,000	100,000	0	0
Total Cost	200,000	0	0	0	100,000	100,000	0	0
Funding Sources:								
General Fund	200,000	0	0	0	100,000	100,000	0	0
Total Funding	200,000	0	0	0	100,000	100,000	0	0

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 are in close proximity but lack connecting trails, and sidewalks to the school, parks and recreational areas.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	240,000	0	0	0	120,000	0	120,000	0
Planning	50,000	0	0	50,000	0	0	0	0
Total Cost	290,000	0	0	50,000	120,000	0	120,000	0
Funding Sources:								
General Fund	98,000	0	0	50,000	24,000	0	24,000	0
State Grant	192,000	0	0	0	96,000	0	96,000	0
Total Funding	290,000	0	0	50,000	120,000	0	120,000	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	80,000	0	0	80,000	0	0	0	0
Total Cost	80,000	0	0	80,000	0	0	0	0
Funding Sources:								
General Fund	8,000	0	0	8,000	0	0	0	0
State Grant	72,000	0	0	72,000	0	0	0	0
Total Funding	80,000	0	0	80,000	0	0	0	0



Public Safety



**Public Safety
Capital Improvement Ten Year Summary
Fiscal Year 2024 - 2033**

		Budget Year		Ten Year Capital Program					
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
156	Detention Center - Systemic Projects	5,272,173	872,173	190,000	700,000	700,000	450,000	500,000	1,860,000
157	Burn Building - PSTC Training Center	2,500,000	1,500,000	1,000,000	0	0	0	0	0
158	Patrol Services Relocation Renovation	17,500,000	500,000	1,100,000	2,900,000	3,000,000	3,000,000	2,000,000	5,000,000
159	Communication Tower(s) Various	576,806	266,806	90,000	0	110,000	0	110,000	0
160	P25 UHF Public Safety Radio Communications System Upgrade	12,600,000	11,075,000	0	1,525,000	0	0	0	0
161	Portable Radio Replacement Program - Sheriff	1,320,105	114,105	114,000	116,000	118,000	120,000	120,000	618,000
162	Portable Radio Replacement Program - Emergency Services	4,435,000	2,435,000	200,000	200,000	200,000	200,000	200,000	1,000,000
163	PSTC Apparatus Operator / Defensive Driving Track	2,250,000	0	250,000	2,000,000	0	0	0	0
164	PSTC Tactical Village / Simulation Training Area	16,750,000	0	2,250,000	0	0	0	0	14,500,000
165	Law Enforcement - Vehicle & Equipment Replacement Program	13,274,053	2,065,053	1,129,000	1,000,000	1,030,000	1,060,000	1,090,000	5,900,000
166	Emergency Services Equipment & Vehicle Program	9,600,089	7,375,089	200,000	205,000	210,000	215,000	220,000	1,175,000
167	Canteen/Rehab Unit Replacement	534,000	90,000	48,000	48,000	48,000	48,000	48,000	204,000
168	Incident Safety Officer Vehicle Replacement Program	176,000	16,000	16,000	16,000	16,000	16,000	16,000	80,000
169	Police Indoor Firing Range	750,000	0	0	0	0	0	0	750,000
170	911 Center Building Expansion	1,800,000	0	0	0	0	0	0	1,800,000
TOTAL		89,338,226	26,309,226	6,587,000	8,710,000	5,432,000	5,109,000	4,304,000	32,887,000
Funding Sources									
	General Fund	46,644,287	19,888,287	1,912,000	2,005,000	2,172,000	1,929,000	2,374,000	16,364,000
	Tax-Supported Bond	16,229,000	1,000,000	1,850,000	2,650,000	1,320,000	0	750,000	8,659,000
	Transfer Tax	996,127	996,127	0	0	0	0	0	0
	Excise Tax - Non-Residential	0	0	0	0	0	0	0	0
	Capital Reserve - General	10,296,000	572,000	0	350,000	1,760,000	0	1,000,000	6,614,000
	Capital Reserve - Excise Tax - Non-Residential	4,797,812	272,812	0	1,525,000	0	3,000,000	0	0
	Federal Grant	5,380,000	3,580,000	180,000	180,000	180,000	180,000	180,000	900,000
	State Grant	4,850,000	0	2,500,000	2,000,000	0	0	0	350,000
	Contributions	145,000	0	145,000	0	0	0	0	0
TOTAL		89,338,226	26,309,226	6,587,000	8,710,000	5,432,000	5,109,000	4,304,000	32,887,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Other	5,272,173	872,173	190,000	700,000	700,000	450,000	500,000	1,860,000
Total Cost	5,272,173	872,173	190,000	700,000	700,000	450,000	500,000	1,860,000

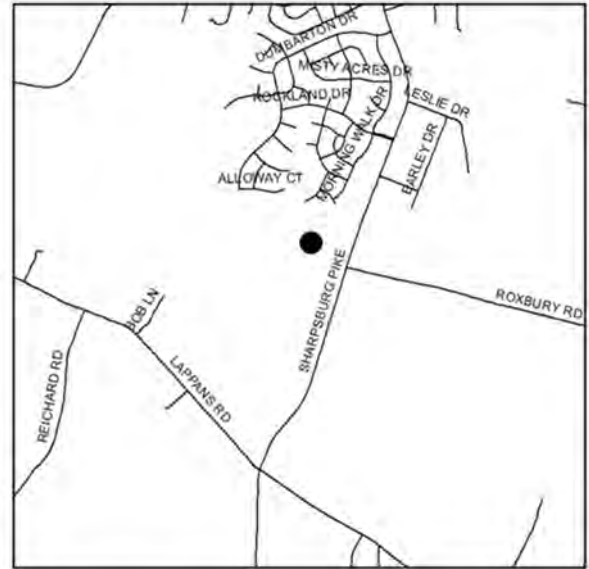
Funding Sources:								
General Fund	3,823,234	103,234	190,000	350,000	370,000	450,000	500,000	1,860,000
Transfer Tax	695,127	695,127	0	0	0	0	0	0
Capital Reserve - General	680,000	0	0	350,000	330,000	0	0	0
Capital Reserve - Excise Tax - Non-Residential	73,812	73,812	0	0	0	0	0	0
Total Funding	5,272,173	872,173	190,000	700,000	700,000	450,000	500,000	1,860,000

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.

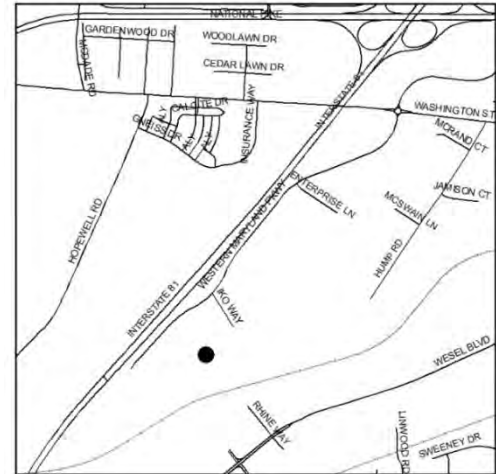
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,500,000	1,500,000	1,000,000	0	0	0	0	0
Total Cost	2,500,000	1,500,000	1,000,000	0	0	0	0	0
Funding Sources:								
Tax-Supported Bond	2,000,000	1,000,000	1,000,000	0	0	0	0	0
Transfer Tax	301,000	301,000	0	0	0	0	0	0
Excise Tax - Non-Residential	0	0	0	0	0	0	0	0
Capital Reserve - Excise Tax - Non-Residential	199,000	199,000	0	0	0	0	0	0
Total Funding	2,500,000	1,500,000	1,000,000	0	0	0	0	0

Project Title Patrol Services Relocation

Project ID BLD113

Full-time Employees 0

Operating Costs \$0



Project Description Relocation of Patrol Services to the County's Phoenix Color Building. The first phase of the project is the renovation of the Special Services Building (former Phoenix Color) so that Patrol can move into the 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 or 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 Assumptions Assumes the use of speed camera revenue of \$250,000 per year.

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, and the law now requires a private room for citizens to report crime as well as space to hold psychological evaluations for the sworn deputies. 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Architect Fees	1,600,000	500,000	1,100,000	0	0	0	0	0
Construction	15,400,000	0	0	2,900,000	2,500,000	3,000,000	2,000,000	5,000,000
Inspection	500,000	0	0	0	500,000	0	0	0
Total Cost	17,500,000	500,000	1,100,000	2,900,000	3,000,000	3,000,000	2,000,000	5,000,000

Funding Sources:								
General Fund	4,415,000	500,000	250,000	250,000	250,000	0	250,000	2,915,000
Tax-Supported Bond	7,570,000	0	850,000	2,650,000	1,320,000	0	750,000	2,000,000
Capital Reserve - General	2,515,000	0	0	0	1,430,000	0	1,000,000	85,000
Capital Reserve - Excise Tax - Non-Residential	3,000,000	0	0	0	0	3,000,000	0	0
Total Funding	17,500,000	500,000	1,100,000	2,900,000	3,000,000	3,000,000	2,000,000	5,000,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	576,806	266,806	90,000	0	110,000	0	110,000	0
Total Cost	576,806	266,806	90,000	0	110,000	0	110,000	0
Funding Sources:								
General Fund	576,806	266,806	90,000	0	110,000	0	110,000	0
Total Funding	576,806	266,806	90,000	0	110,000	0	110,000	0

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 to include the radio system's core components, to enable Ethernet Backhaul site connectivity, IP simulcast, P25 Phase 2 compatibility, and GPS locating.

Project Assumptions The goal of the P25 UHF Public Safety Radio Communications System project is to upgrade the current Motorola T1 based trunked Phase 1 system to Ethernet IP Simulcast Phase 2 while adding proprietary over the air programming, GPS locating and paging over P25.

Project Justification 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.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Hardware/Software	12,500,000	10,975,000	0	1,525,000	0	0	0	0
Other	100,000	100,000	0	0	0	0	0	0
Total Cost	12,600,000	11,075,000	0	1,525,000	0	0	0	0
Funding Sources:								
General Fund	10,503,000	10,503,000	0	0	0	0	0	0
Capital Reserve - General	572,000	572,000	0	0	0	0	0	0
Capital Reserve - Excise Tax - Non-Residential	1,525,000	0	0	1,525,000	0	0	0	0
Total Funding	12,600,000	11,075,000	0	1,525,000	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	1,320,105	114,105	114,000	116,000	118,000	120,000	120,000	618,000
Total Cost	1,320,105	114,105	114,000	116,000	118,000	120,000	120,000	618,000
Funding Sources:								
General Fund	1,320,105	114,105	114,000	116,000	118,000	120,000	120,000	618,000
Total Funding	1,320,105	114,105	114,000	116,000	118,000	120,000	120,000	618,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	4,435,000	2,435,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Total Cost	4,435,000	2,435,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Funding Sources:								
General Fund	655,000	455,000	20,000	20,000	20,000	20,000	20,000	100,000
Federal Grant	3,780,000	1,980,000	180,000	180,000	180,000	180,000	180,000	900,000
Total Funding	4,435,000	2,435,000	200,000	200,000	200,000	200,000	200,000	1,000,000

Project Title PSTC Apparatus Operator/
Defensive Driving Track

Project ID LDI062

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.

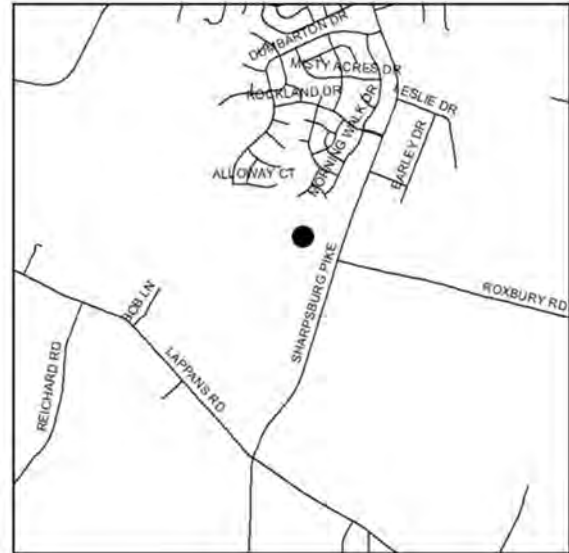
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,000,000	0	0	2,000,000	0	0	0	0
Engineering and Design	250,000	0	250,000	0	0	0	0	0
Total Cost	2,250,000	0	250,000	2,000,000	0	0	0	0
Funding Sources:								
State Grant	2,250,000	0	250,000	2,000,000	0	0	0	0
Total Funding	2,250,000	0	250,000	2,000,000	0	0	0	0

Project Title PSTC Tactical Village/
Simulation Training Area

Project ID LDI063

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/drifted 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	15,000,000	0	2,000,000	0	0	0	0	13,000,000
Engineering and Design	1,500,000	0	250,000	0	0	0	0	1,250,000
Inspection	250,000	0	0	0	0	0	0	250,000
Total Cost	16,750,000	0	2,250,000	0	0	0	0	14,500,000
Funding Sources:								
General Fund	1,312,000	0	0	0	0	0	0	1,312,000
Tax-Supported Bond	6,659,000	0	0	0	0	0	0	6,659,000
Capital Reserve - General	6,529,000	0	0	0	0	0	0	6,529,000
State Grant	2,250,000	0	2,250,000	0	0	0	0	0
Total Funding	16,750,000	0	2,250,000	0	0	0	0	14,500,000

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 Assumptions FY24 Assumes funding from Meritus for two vehicles.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	13,274,053	2,065,053	1,129,000	1,000,000	1,030,000	1,060,000	1,090,000	5,900,000
Total Cost	13,274,053	2,065,053	1,129,000	1,000,000	1,030,000	1,060,000	1,090,000	5,900,000
Funding Sources:								
General Fund	13,129,053	2,065,053	984,000	1,000,000	1,030,000	1,060,000	1,090,000	5,900,000
Contributions	145,000	0	145,000	0	0	0	0	0
Total Funding	13,274,053	2,065,053	1,129,000	1,000,000	1,030,000	1,060,000	1,090,000	5,900,000

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 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	5,100,000	5,100,000	0	0	0	0	0	0
Vehicles	4,500,089	2,275,089	200,000	205,000	210,000	215,000	220,000	1,175,000
Total Cost	9,600,089	7,375,089	200,000	205,000	210,000	215,000	220,000	1,175,000
Funding Sources:								
General Fund	8,000,089	5,775,089	200,000	205,000	210,000	215,000	220,000	1,175,000
Federal Grant	1,600,000	1,600,000	0	0	0	0	0	0
Total Funding	9,600,089	7,375,089	200,000	205,000	210,000	215,000	220,000	1,175,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	534,000	90,000	48,000	48,000	48,000	48,000	48,000	204,000
Total Cost	534,000	90,000	48,000	48,000	48,000	48,000	48,000	204,000
Funding Sources:								
General Fund	534,000	90,000	48,000	48,000	48,000	48,000	48,000	204,000
Total Funding	534,000	90,000	48,000	48,000	48,000	48,000	48,000	204,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	176,000	16,000	16,000	16,000	16,000	16,000	16,000	80,000
Total Cost	176,000	16,000	16,000	16,000	16,000	16,000	16,000	80,000
Funding Sources:								
General Fund	176,000	16,000	16,000	16,000	16,000	16,000	16,000	80,000
Total Funding	176,000	16,000	16,000	16,000	16,000	16,000	16,000	80,000

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 \$250,000 per year to accumulate funds for this project. The project assumes an approximately 20,000 SF building with a paved parking lot.

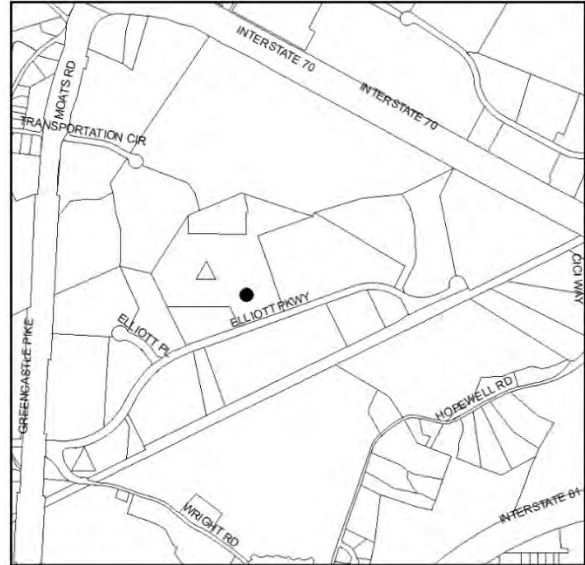
Project Justification This facility will provide a needed local service to the large number of police personnel serving in and around Washington County, as well as providing training for those people planning to enter these fields.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	750,000	0	0	0	0	0	0	750,000
Total Cost	750,000	0	0	0	0	0	0	750,000
Funding Sources:								
General Fund	750,000	0	0	0	0	0	0	750,000
Total Funding	750,000	0	0	0	0	0	0	750,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,100,000	0	0	0	0	0	0	1,100,000
Engineering and Design	250,000	0	0	0	0	0	0	250,000
Equipment/Furniture	350,000	0	0	0	0	0	0	350,000
Inspection	100,000	0	0	0	0	0	0	100,000
Total Cost	1,800,000	0	0	0	0	0	0	1,800,000
Funding Sources:								
General Fund	1,450,000	0	0	0	0	0	0	1,450,000
State Grant	350,000	0	0	0	0	0	0	350,000
Total Funding	1,800,000	0	0	0	0	0	0	1,800,000

Railroad Crossings



Railroad Crossings
Capital Improvement Ten Year Summary
Fiscal Year 2024 - 2033

		Budget Year				Ten Year Capital Program			
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
172	Railroad Crossing Improvements	2,082,450	936,450	0	0	0	200,000	0	946,000
TOTAL		2,082,450	936,450	0	0	0	200,000	0	946,000
		Funding Sources							
General Fund		2,082,450	936,450	0	0	0	200,000	0	946,000
TOTAL		2,082,450	936,450	0	0	0	200,000	0	946,000

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 considered 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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,948,450	802,450	0	0	0	200,000	0	946,000
Land Acquisition	112,000	112,000	0	0	0	0	0	0
Utilities	22,000	22,000	0	0	0	0	0	0
Total Cost	2,082,450	936,450	0	0	0	200,000	0	946,000
Funding Sources:								
General Fund	2,082,450	936,450	0	0	0	200,000	0	946,000
Total Funding	2,082,450	936,450	0	0	0	200,000	0	946,000

Road Improvements



Road Improvement Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year			Ten Year Capital Program			
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page Project Costs								
174 Intersection & Signal Improvements	2,770,177	520,177	0	750,000	0	0	750,000	750,000
175 Transportation ADA	1,776,774	376,774	100,000	500,000	100,000	100,000	100,000	500,000
176 Pavement Maintenance and Rehab Program	67,141,399	9,141,399	5,000,000	5,000,000	6,000,000	6,000,000	6,000,000	30,000,000
177 Longmeadow Road	2,105,000	0	0	0	310,000	432,000	518,000	845,000
178 Eastern Boulevard Extended	10,603,000	0	0	0	359,000	1,970,000	2,700,000	5,574,000
179 Eastern Blvd Widening Phase I	10,467,100	8,967,100	1,500,000	0	0	0	0	0
180 Eastern Boulevard Widening Phase II	6,772,300	2,691,300	385,000	1,274,000	2,422,000	0	0	0
181 Eastern Blvd at Antietam Drive Improvements	4,506,000	3,006,000	1,000,000	500,000	0	0	0	0
182 Professional Boulevard Extended Phase III	3,353,000	1,853,000	1,500,000	0	0	0	0	0
183 Halfway Boulevard Extended	9,473,000	6,473,000	3,000,000	0	0	0	0	0
184 Wright Road	3,948,000	2,673,000	125,000	650,000	500,000	0	0	0
185 Burnside Bridge Road Spot Improvements	544,000	0	0	0	0	0	544,000	0
186 E. Oak Ridge Drive/South Pointe Signal	461,000	0	0	0	0	0	461,000	0
187 Mt Aetna Road Spot Improvements	2,422,000	0	0	0	0	0	0	2,422,000
188 Robinwood Drive Sidewalk Extension	750,000	0	0	0	0	250,000	500,000	0
189 Rockdale Road and Independence Road Spot Improvements	1,025,000	0	0	0	0	0	0	1,025,000
190 Sandstone Drive Spot Improvements	500,000	0	0	0	0	0	0	500,000
191 Highway - Vehicle & Equipment Replacement Program	17,233,161	2,298,161	1,284,000	1,213,000	1,280,000	1,350,000	1,424,000	8,384,000
TOTAL	145,850,911	37,999,911	13,894,000	9,887,000	10,971,000	10,102,000	12,997,000	50,000,000
Funding Sources								
General Fund	25,600,448	9,395,448	2,326,000	1,963,000	835,000	1,200,000	1,921,000	7,960,000
Highway Fund	5,319,000	319,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Tax-Supported Bond	73,577,550	14,816,550	4,178,000	5,450,000	7,546,000	6,697,000	7,651,000	27,239,000
Transfer Tax	17,581,496	2,446,496	1,885,000	1,250,000	1,500,000	1,500,000	1,500,000	7,500,000
Excise Tax - Roads	1,747,620	487,620	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	854,473	354,473	50,000	50,000	50,000	50,000	50,000	250,000
APFO Fees - Roads	405,644	405,644	0	0	0	0	0	0
Capital Reserve - General	8,700,000	0	4,800,000	519,000	385,000	0	1,220,000	1,776,000
Capital Reserve - Transfer Tax	2,000,000	0	0	0	0	0	0	2,000,000
Federal Grant	5,155,680	5,155,680	0	0	0	0	0	0
State Grant	4,590,000	4,590,000	0	0	0	0	0	0
TOTAL	145,850,911	37,999,911	13,894,000	9,887,000	10,971,000	10,102,000	12,997,000	50,000,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,720,177	470,177	0	750,000	0	0	750,000	750,000
Engineering and Design	50,000	50,000	0	0	0	0	0	0
Total Cost	2,770,177	520,177	0	750,000	0	0	750,000	750,000
Funding Sources:								
General Fund	2,232,177	520,177	0	750,000	0		292,000	670,000
Capital Reserve - General	538,000	0	0	0	0	0	458,000	80,000
Total Funding	2,770,177	520,177	0	750,000	0	0	750,000	750,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,776,774	376,774	100,000	500,000	100,000	100,000	100,000	500,000
Total Cost	1,776,774	376,774	100,000	500,000	100,000	100,000	100,000	500,000
Funding Sources:								
General Fund	1,681,774	376,774	100,000	500,000	55,000	100,000	50,000	500,000
Capital Reserve - General	95,000	0	0	0	45,000	0	50,000	0
Total Funding	1,776,774	376,774	100,000	500,000	100,000	100,000	100,000	500,000

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.

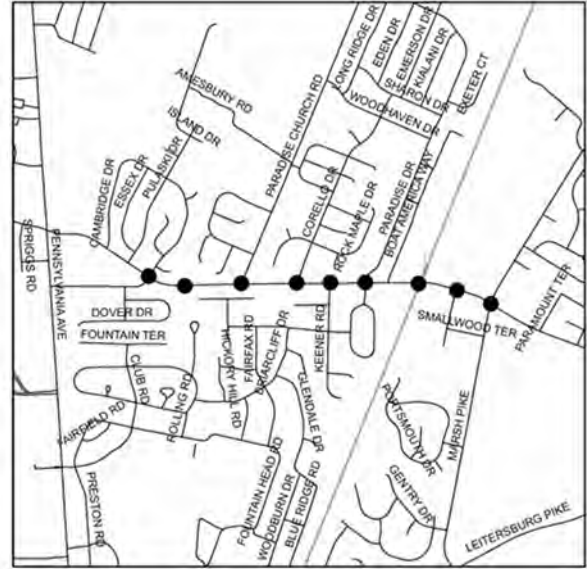
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	64,191,399	8,691,399	4,750,000	4,750,000	5,750,000	5,750,000	5,750,000	28,750,000
Inspection	2,950,000	450,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Cost	67,141,399	9,141,399	5,000,000	5,000,000	6,000,000	6,000,000	6,000,000	30,000,000
Funding Sources:								
General Fund	6,295,079	4,340,079	617,000	0	0	0	0	1,338,000
Tax-Supported Bond	43,474,000	4,045,000	4,178,000	4,545,000	3,955,000	4,295,000	3,583,000	18,873,000
Transfer Tax	12,801,320	551,320	0	250,000	1,500,000	1,500,000	1,500,000	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 - General	2,316,000	0	0	0	340,000	0	712,000	1,264,000
Total Funding	67,141,399	9,141,399	5,000,000	5,000,000	6,000,000	6,000,000	6,000,000	30,000,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,860,000	0	0	0	210,000	432,000	518,000	700,000
Engineering and Design	100,000	0	0	0	100,000	0	0	0
Inspection	145,000	0	0	0	0	0	0	145,000
Total Cost	2,105,000	0	0	0	310,000	432,000	518,000	845,000
Funding Sources:								
Tax-Supported Bond	2,105,000	0	0	0	310,000	432,000	518,000	845,000
Total Funding	2,105,000	0	0	0	310,000	432,000	518,000	845,000

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



Project Description	The project involves the construction of a new roadway connecting Eastern Boulevard at Antietam Drive and Leithsburg 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.
Project Assumptions	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.
Project Justification	The project will relieve Eastern Blvd at Leithsburg 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.

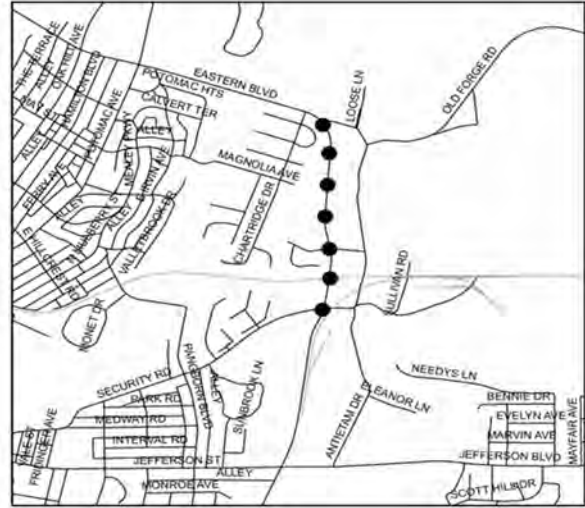
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	10,053,000	0	0	0	59,000	1,970,000	2,700,000	5,324,000
Engineering and Design	50,000	0	0	0	50,000	0	0	0
Inspection	250,000	0	0	0	0	0	0	250,000
Land Acquisition	100,000	0	0	0	100,000	0	0	0
Utilities	150,000	0	0	0	150,000	0	0	0
Total Cost	10,603,000	0	0	0	359,000	1,970,000	2,700,000	5,574,000
Funding Sources:								
Tax-Supported Bond	8,603,000	0	0	0	359,000	1,970,000	2,700,000	3,574,000
Capital Reserve- Transfer Tax	2,000,000	0	0	0	0	0	0	2,000,000
Total Funding	10,603,000	0	0	0	359,000	1,970,000	2,700,000	5,574,000

Project Title Eastern Boulevard Widening
Phase I

Project ID RDI042

Full-time Employees 0

Operating Costs \$3,000



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 traffic signal modifications.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	7,591,000	6,091,000	1,500,000	0	0	0	0	0
Engineering and Design	353,500	353,500	0	0	0	0	0	0
Inspection	262,600	262,600	0	0	0	0	0	0
Land Acquisition	1,420,000	1,420,000	0	0	0	0	0	0
Utilities	840,000	840,000	0	0	0	0	0	0
Total Cost	10,467,100	8,967,100	1,500,000	0	0	0	0	0

Funding Sources:								
General Fund	2,129,083	2,129,083	0	0	0	0	0	0
Tax-Supported Bond	3,020,600	3,020,600	0	0	0	0	0	0
Transfer Tax	1,500,000	0	1,500,000	0	0	0	0	0
Excise Tax - Roads	217,300	217,300	0	0	0	0	0	0
Excise Tax - Non-Residential	304,473	304,473	0	0	0	0	0	0
APFO Fees - Roads	105,644	105,644	0	0	0	0	0	0
State Grant	3,190,000	3,190,000	0	0	0	0	0	0
Total Funding	10,467,100	8,967,100	1,500,000	0	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	5,786,000	1,705,000	385,000	1,274,000	2,422,000	0	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
Total Cost	6,772,300	2,691,300	385,000	1,274,000	2,422,000	0	0	0

Funding Sources:								
General Fund	48,174	48,174	0	0	0	0	0	0
Tax-Supported Bond	4,549,321	1,872,321	0	255,000	2,422,000	0	0	0
Transfer Tax	1,655,805	270,805	385,000	1,000,000	0	0	0	0
Excise Tax - Roads	144,320	144,320	0	0	0	0	0	0
Capital Reserve - General	19,000	0	0	19,000	0	0	0	0
Federal Grant	355,680	355,680	0	0	0	0	0	0
Total Funding	6,772,300	2,691,300	385,000	1,274,000	2,422,000	0	0	0

Project Title Eastern Boulevard at Antietam Drive Improvements

Project ID RDI051

Full-time Employees 0

Operating Costs \$2,000



Project Description The project will provide intersection improvements including the installation of a traffic signal. This project will connect the Eastern Boulevard Widening Phase II project with the Eastern Boulevard Extended project.

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. Advancing this intersection project will enhance traffic safety and reduce travel speeds in the area.

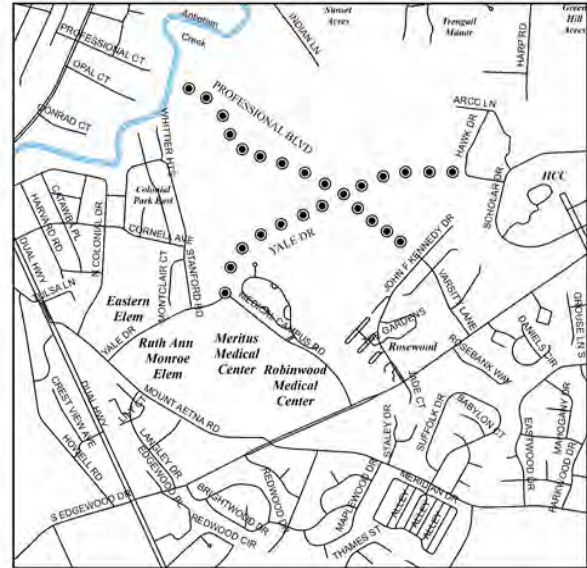
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	3,882,000	2,382,000	1,000,000	500,000	0	0	0	0
Engineering and Design	300,000	300,000	0	0	0	0	0	0
Inspection	122,000	122,000	0	0	0	0	0	0
Land Acquisition	202,000	202,000	0	0	0	0	0	0
Total Cost	4,506,000	3,006,000	1,000,000	500,000	0	0	0	0
Funding Sources:								
General Fund	2,000	2,000	0	0	0	0	0	0
Tax-Supported Bond	1,379,629	1,379,629	0	0	0	0	0	0
Transfer Tax	1,624,371	1,624,371	0	0	0	0	0	0
Capital Reserve - General	1,500,000	0	1,000,000	500,000	0	0	0	0
Total Funding	4,506,000	3,006,000	1,000,000	500,000	0	0	0	0

Project Title Professional Boulevard Extended - Phase III

Project ID RDI064

Full-time Employees 0

Operating Costs \$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.

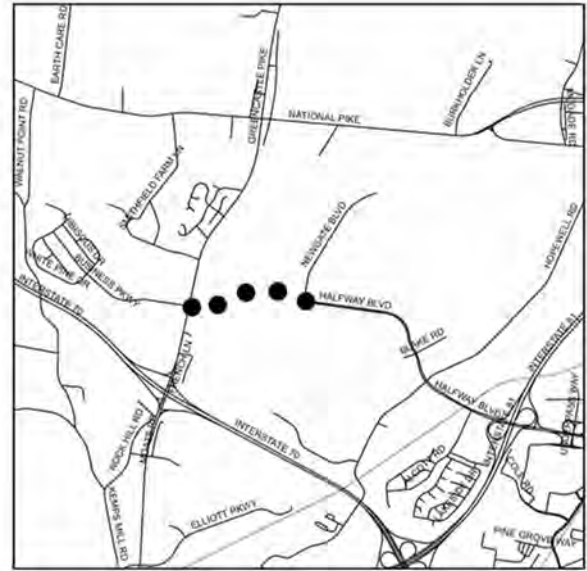
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	3,285,000	1,785,000	1,500,000	0	0	0	0	0
Inspection	68,000	68,000	0	0	0	0	0	0
Total Cost	3,353,000	1,853,000	1,500,000	0	0	0	0	0
Funding Sources:								
Tax-Supported Bond	1,853,000	1,853,000	0	0	0	0	0	0
Capital Reserve - General	1,500,000	0	1,500,000	0	0	0	0	0
Total Funding	3,353,000	1,853,000	1,500,000	0	0	0	0	0

Project Title Halfway Boulevard Extended

Project ID RDI069

Full-time Employees 0

Operating Costs \$2,000



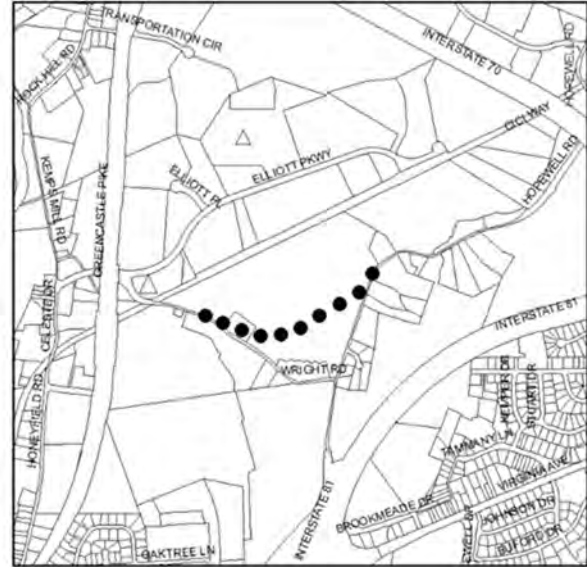
Project Description The project involves the construction of a new four-lane open section roadway, including a large culvert, connecting existing Halfway Boulevard to MD Route 63. Intersection improvements at Halfway Boulevard extended and MD Route 63 include a traffic signal.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	8,873,000	6,123,000	2,750,000	0	0	0	0	0
Engineering and Design	100,000	100,000	0	0	0	0	0	0
Inspection	250,000	0	250,000	0	0	0	0	0
Utilities	250,000	250,000	0	0	0	0	0	0
Total Cost	9,473,000	6,473,000	3,000,000	0	0	0	0	0

Funding Sources:								
General Fund	700,000	0	700,000	0	0	0	0	0
Tax-Supported Bond	2,373,000	2,373,000	0	0	0	0	0	0
APFO Fees - Roads	300,000	300,000	0	0	0	0	0	0
Capital Reserve - General	2,300,000	0	2,300,000	0	0	0	0	0
Federal Grant	3,800,000	3,800,000	0	0	0	0	0	0
Total Funding	9,473,000	6,473,000	3,000,000	0	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	3,698,000	2,573,000	125,000	500,000	500,000	0	0	0
Engineering and Design	100,000	100,000	0	0	0	0	0	0
Inspection	150,000	0	0	150,000	0	0	0	0
Total Cost	3,948,000	2,673,000	125,000	650,000	500,000	0	0	0
Funding Sources:								
General Fund	125,000	0	125,000	0	0	0	0	0
Tax-Supported Bond	1,423,000	273,000	0	650,000	500,000	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	0
Total Funding	3,948,000	2,673,000	125,000	650,000	500,000	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	295,000	0	0	0	0	0	295,000	0
Engineering and Design	89,000	0	0	0	0	0	89,000	0
Inspection	71,000	0	0	0	0	0	71,000	0
Land Acquisition	30,000	0	0	0	0	0	30,000	0
Utilities	59,000	0	0	0	0	0	59,000	0
Total Cost	544,000	0	0	0	0	0	544,000	0
Funding Sources:								
General Fund	544,000	0	0	0	0	0	544,000	0
Total Funding	544,000	0	0	0	0	0	544,000	0

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.

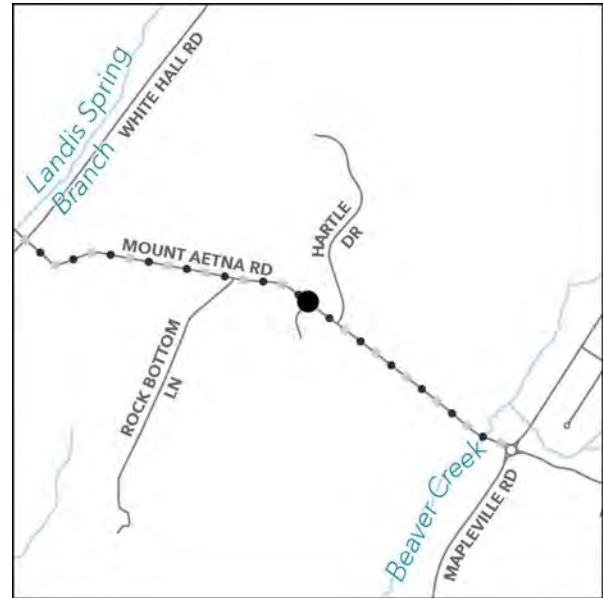
Project Justification Traffic volume increases in this area are making turning movements at this location more difficult and potentially unsafe. Once volumes warrant the signal, safety and traffic flow will be improved.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	300,000	0	0	0	0	0	300,000	0
Engineering and Design	37,000	0	0	0	0	0	37,000	0
Inspection	50,000	0	0	0	0	0	50,000	0
Land Acquisition	21,000	0	0	0	0	0	21,000	0
Utilities	53,000	0	0	0	0	0	53,000	0
Total Cost	461,000	0	0	0	0	0	461,000	0
Funding Sources:								
General Fund	111,000	0	0	0	0	0	111,000	0
Tax-Supported Bond	350,000	0	0	0	0	0	350,000	0
Total Funding	461,000	0	0	0	0	0	461,000	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
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
Total Cost	2,422,000	0	0	0	0	0	0	2,422,000
Funding Sources:								
Tax-Supported Bond	2,422,000	0	0	0	0	0	0	2,422,000
Total Funding	2,422,000	0	0	0	0	0	0	2,422,000

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).

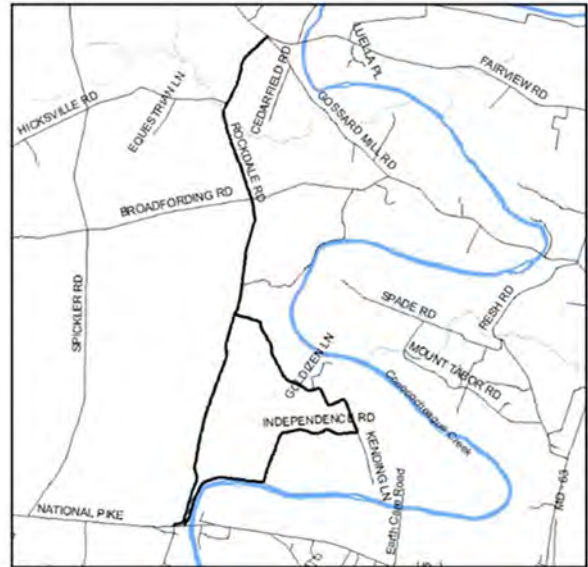
Project Justification Pedestrian traffic continues to increase in this area. Sidewalk was added to the north side of the road when Robinwood Drive was widened a few years ago.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	500,000	0	0	0	0	0	500,000	0
Engineering and Design	50,000	0	0	0	0	50,000	0	0
Land Acquisition	200,000	0	0	0	0	200,000	0	0
Total Cost	750,000	0	0	0	0	250,000	500,000	0
Funding Sources:								
General Fund	250,000	0	0	0	0	250,000	0	0
Tax-Supported Bond	500,000	0	0	0	0	0	500,000	0
Total Funding	750,000	0	0	0	0	250,000	500,000	0

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.

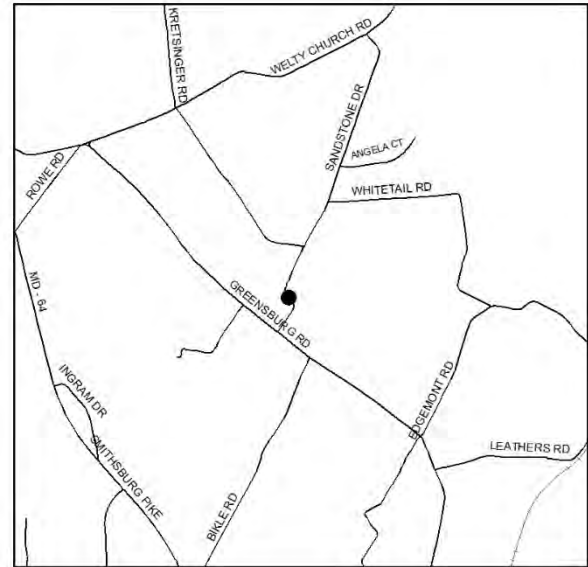
Project Justification Portions of Rockdale Road and Independence Road have been identified as inadequate as defined in the Road Adequacy Policy.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
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
Total Cost	1,025,000	0	0	0	0	0	0	1,025,000
Funding Sources:								
Tax-Supported Bond	1,025,000	0	0	0	0	0	0	1,025,000
Total Funding	1,025,000	0	0	0	0	0	0	1,025,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
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
Total Cost	500,000	0	0	0	0	0	0	500,000
Funding Sources:								
Tax-Supported Bond	500,000	0	0	0	0	0	0	500,000
Total Funding	500,000	0	0	0	0	0	0	500,000

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.	2024	2025	2026	2027	2027	Future
Project Costs:								
Equipment/Furniture	15,901,381	2,250,381	0	1,213,000	1,280,000	1,350,000	1,424,000	8,384,000
Vehicles	1,331,780	47,780	1,284,000	0	0	0	0	0
Total Cost	17,233,161	2,298,161	1,284,000	1,213,000	1,280,000	1,350,000	1,424,000	8,384,000
Funding Sources:								
General Fund	11,482,161	1,979,161	784,000	713,000	780,000	850,000	924,000	5,452,000
Highway Fund	5,319,000	319,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Capital Reserve - General	432,000	0	0	0	0	0	0	432,000
Total Funding	17,233,161	2,298,161	1,284,000	1,213,000	1,280,000	1,350,000	1,424,000	8,384,000



Solid Waste



Solid Waste Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
194	Contingency - Solid Waste	604,042	64,042	30,000	35,000	35,000	60,000	60,000	320,000
195	40 West Landfill - Cell 5 Construction	4,083,000	0	440,000	3,472,000	171,000	0	0	0
196	40 West Landfill Pretreatment Facility	10,600,000	0	500,000	5,100,000	5,000,000	0	0	0
197	SW Equipment & Vehicle Replacement	580,674	72,674	184,000	34,000	35,000	35,000	35,000	185,000
TOTAL		15,867,716	136,716	1,154,000	8,641,000	5,241,000	95,000	95,000	505,000
Funding Sources									
	General Fund	33,297	33,297	0	0	0	0	0	0
	Solid Waste Fund	1,145,042	97,042	214,000	69,000	70,000	95,000	95,000	505,000
	Self-Supported Bond Contributions	14,683,000	0	940,000	8,572,000	5,171,000	0	0	0
		6,377	6,377	0	0	0	0	0	0
TOTAL		15,867,716	136,716	1,154,000	8,641,000	5,241,000	95,000	95,000	505,000

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.

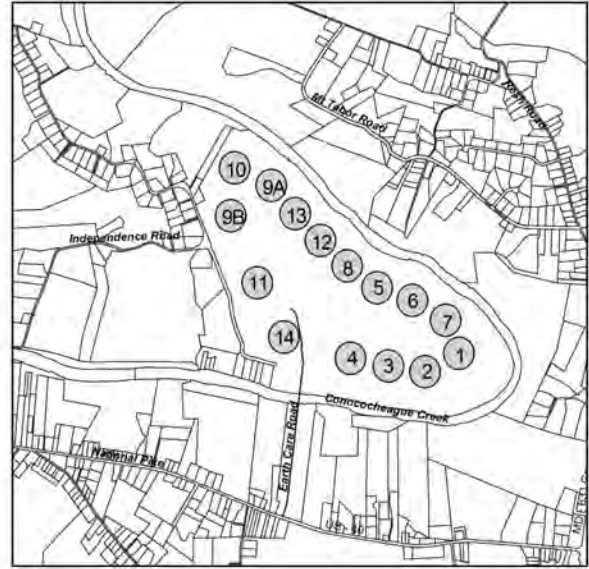
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Contingency	604,042	64,042	30,000	35,000	35,000	60,000	60,000	320,000
Total Cost	604,042	64,042	30,000	35,000	35,000	60,000	60,000	320,000
Funding Sources:								
Solid Waste Fund	604,042	64,042	30,000	35,000	35,000	60,000	60,000	320,000
Total Funding	604,042	64,042	30,000	35,000	35,000	60,000	60,000	320,000

Project Title 40 West Landfill - Cell 5 Construction

Project ID LDI064

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	3,474,000	0	0	3,360,000	114,000	0	0	0
Engineering and Design	440,000	0	440,000	0	0	0	0	0
Inspection	169,000	0	0	112,000	57,000	0	0	0
Total Cost	4,083,000	0	440,000	3,472,000	171,000	0	0	0
Funding Sources:								
Self-Supported Bond	4,083,000	0	440,000	3,472,000	171,000	0	0	0
Total Funding	4,083,000	0	440,000	3,472,000	171,000	0	0	0

Project Title 40 West Landfill Pretreatment Facility

Project ID TRP027

Full-time Employees 0

Operating Costs \$152,000



Project Description Construct a pretreatment facility at the 40 West Landfill and construct a sewer line from the facility to the existing sewer line along MD RTE 63 for transport of treated leachate to the WWTP.

Project Justification The Valicor Pretreatment Facility cannot treat the amount of leachate the County's Landfills produce during the cold months. Since the Valicor facility is the only pretreatment facility in the area, the County must construct its own facility on the landfill property to treat the leachate and avoid permit violations.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	10,000,000	0	0	5,000,000	5,000,000	0	0	0
Engineering and Design	500,000	0	500,000	0	0	0	0	0
Inspection	100,000	0	0	100,000	0	0	0	0
Total Cost	10,600,000	0	500,000	5,100,000	5,000,000	0	0	0
Funding Sources:								
Self-Supported Bond	10,600,000	0	500,000	5,100,000	5,000,000	0	0	0
Total Funding	10,600,000	0	500,000	5,100,000	5,000,000	0	0	0

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 Assumptions FY24 - \$150,000 for the replacement of the mechanic's crane truck. The current truck is 22 years old and is experiencing issues due to its old age.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	580,674	72,674	184,000	34,000	35,000	35,000	35,000	185,000
Total Cost	580,674	72,674	184,000	34,000	35,000	35,000	35,000	185,000
Funding Sources:								
General Fund	33,297	33,297	0	0	0	0	0	0
Solid Waste Fund	541,000	33,000	184,000	34,000	35,000	35,000	35,000	185,000
Contributions	6,377	6,377	0	0	0	0	0	0
Total Funding	580,674	72,674	184,000	34,000	35,000	35,000	35,000	185,000



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Transit



Transit Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year				Ten Year Capital Program			
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
200	Vehicle Preventive Maintenance	3,495,307	495,307	0	0	375,000	375,000	375,000	1,875,000
201	Fixed Route Bus Replacement Program	5,842,317	2,242,317	0	0	0	900,000	0	2,700,000
202	ADA Bus Replacement	632,305	2,305	0	0	105,000	0	210,000	315,000
203	Support Vehicles	113,848	73,848	40,000	0	0	0	0	0
204	Transportation Development Plan	225,000	0	125,000	0	0	0	0	100,000
TOTAL		10,308,777	2,813,777	165,000	0	480,000	1,275,000	585,000	4,990,000
Funding Sources									
	General Fund	995,406	251,406	16,000	0	47,000	127,000	58,000	496,000
	Federal Grant	8,301,561	2,305,561	132,000	0	384,000	1,020,000	468,000	3,992,000
	State Grant	1,011,810	256,810	17,000	0	49,000	128,000	59,000	502,000
TOTAL		10,308,777	2,813,777	165,000	0	480,000	1,275,000	585,000	4,990,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	3,495,307	495,307	0	0	375,000	375,000	375,000	1,875,000
Total Cost	3,495,307	495,307	0	0	375,000	375,000	375,000	1,875,000
Funding Sources:								
General Fund	383,923	87,923	0	0	37,000	37,000	37,000	185,000
Federal Grant	2,807,384	407,384	0	0	300,000	300,000	300,000	1,500,000
State Grant	304,000	0	0	0	38,000	38,000	38,000	190,000
Total Funding	3,495,307	495,307	0	0	375,000	375,000	375,000	1,875,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	5,842,317	2,242,317	0	0	0	900,000	0	2,700,000
Total Cost	5,842,317	2,242,317	0	0	0	900,000	0	2,700,000
Funding Sources:								
General Fund	513,568	153,568	0	0	0	90,000	0	270,000
Federal Grant	4,711,939	1,831,939	0	0	0	720,000	0	2,160,000
State Grant	616,810	256,810	0	0	0	90,000	0	270,000
Total Funding	5,842,317	2,242,317	0	0	0	900,000	0	2,700,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	632,305	2,305	0	0	105,000	0	210,000	315,000
Total Cost	632,305	2,305	0	0	105,000	0	210,000	315,000
Funding Sources:								
General Fund	62,067	67	0	0	10,000	0	21,000	31,000
Federal Grant	506,238	2,238	0	0	84,000	0	168,000	252,000
State Grant	64,000	0	0	0	11,000	0	21,000	32,000
Total Funding	632,305	2,305	0	0	105,000	0	210,000	315,000

Project Title **Support Vehicle****Project ID** VEH014**Full-time Employees** 0**Operating Costs** \$0**Project Description**

This vehicle is used to shuttle drivers to/from the Transfer Center at the beginning/end of their daily work assignment along with providing back-up vehicles for all Transit programs.

Project Assumptions

This procurement is based on available grant funds from MDOT/MTA and local match approval. 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.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Vehicles	113,848	73,848	40,000	0	0	0	0	0
Total Cost	113,848	73,848	40,000	0	0	0	0	0
Funding Sources:								
General Fund	13,848	9,848	4,000	0	0	0	0	0
Federal Grant	96,000	64,000	32,000	0	0	0	0	0
State Grant	4,000	0	4,000	0	0	0	0	0
Total Funding	113,848	73,848	40,000	0	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Other	225,000	0	125,000	0	0	0	0	100,000
Total Cost	225,000	0	125,000	0	0	0	0	100,000
Funding Sources:								
General Fund	22,000	0	12,000	0	0	0	0	10,000
Federal Grant	180,000	0	100,000	0	0	0	0	80,000
State Grant	23,000	0	13,000	0	0	0	0	10,000
Total Funding	225,000	0	125,000	0	0	0	0	100,000

Water Quality



Water Quality Capital Improvement Ten Year Summary Fiscal Year 2024 - 2033

		Budget Year			Ten Year Capital Program				
		Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Page	Project Costs								
	<u>Water Quality</u>								
	<u>Utility Administration</u>								
206	Contingency - Utility Admin	157,400	29,400	0	0	0	0	0	128,000
207	General Building Improvements	964,000	70,000	400,000	494,000	0	0	0	0
208	SCADA Replacement	250,000	0	250,000	0	0	0	0	0
209	Lab Equipment Replacement	436,117	185,117	30,000	23,000	24,000	24,000	25,000	125,000
210	WQ Equip/Vehicle Replacement Program	1,194,162	289,162	80,000	85,000	85,000	90,000	90,000	475,000
	Utility Administration Total	3,001,679	573,679	760,000	602,000	109,000	114,000	115,000	728,000
	<u>Wastewater Utility</u>								
211	Contingency - Sewer	211,939	11,939	0	0	0	0	0	200,000
212	Replace Grinder Pumps	1,190,000	125,000	125,000	125,000	125,000	125,000	90,000	475,000
213	Pump Station Upgrades - Various Stations	5,755,447	2,320,447	100,000	200,000	885,000	0	750,000	1,500,000
214	Collection System Rehabilitation Project	3,976,121	156,121	0	670,000	0	900,000	0	2,250,000
215	Sandy Hook Collection System Upgrades	175,000	125,000	25,000	25,000	0	0	0	0
216	Smithsburg WWTP ENR Upgrade	26,881,087	11,381,087	0	0	0	0	0	15,500,000
217	General WwTP Improvements	1,122,500	22,500	250,000	300,000	250,000	300,000	0	0
218	Heavy Sewer EQP and VEH Replacement	1,310,807	375,807	200,000	200,000	200,000	105,000	35,000	195,000
219	Potomac Edison Pump Station & Force Main	1,700,000	0	0	0	0	0	1,700,000	0
	Wastewater Utility Total	42,322,901	14,517,901	700,000	1,520,000	1,460,000	1,430,000	2,575,000	20,120,000
	<u>Water Utility</u>								
220	Sharpsburg Water Meter Cradle Replacement	1,000,000	1,000,000	0	0	0	0	0	0
221	Water Meter Replacement	293,239	143,239	15,000	15,000	15,000	15,000	15,000	75,000
222	WQ Main Replacement	2,366,000	566,000	100,000	100,000	0	0	100,000	1,500,000
223	Sharpsburg Water Treatment Plant	645,336	55,336	0	0	590,000	0	0	0
224	General WTP Improvements	1,434,342	254,342	290,000	0	0	290,000	0	600,000
225	Highfield/Sharpsburg Water Storage Tank	336,000	0	0	0	0	0	0	336,000
	Water Utility Total	6,074,917	2,018,917	405,000	115,000	605,000	305,000	115,000	2,511,000
	TOTAL	51,399,497	17,110,497	1,865,000	2,237,000	2,174,000	1,849,000	2,805,000	23,359,000
	Funding Sources								
	General Fund	204,400	204,400	0	0	0	0	0	0
	Cascade Fund	12,342	12,342	0	0	0	0	0	0
	Utility Admin Fund	2,070,279	536,279	360,000	108,000	109,000	114,000	115,000	728,000
	Water Fund	743,239	268,239	340,000	15,000	15,000	15,000	15,000	75,000
	Sewer Fund	4,594,116	2,344,116	350,000	350,000	325,000	230,000	125,000	870,000
	Self-Supported Bond	33,727,951	6,022,951	1,115,000	1,439,000	1,725,000	1,175,000	825,000	21,426,000
	State Loan	3,972,170	3,972,170	0	0	0	0	0	0
	Federal Grant	3,375,000	3,375,000	0	0	0	0	0	0
	State Grant	1,000,000	375,000	-300,000	325,000	0	315,000	25,000	260,000
	Contributions	1,700,000	0	0	0	0	0	1,700,000	0
	TOTAL	51,399,497	17,110,497	1,865,000	2,237,000	2,174,000	1,849,000	2,805,000	23,359,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Contingency	157,400	29,400	0	0	0	0	0	128,000
Total Cost	157,400	29,400	0	0	0	0	0	128,000
Funding Sources:								
General Fund	29,400	29,400	0	0	0	0	0	0
Utility Admin Fund	128,000	0	0	0	0	0	0	128,000
Total Funding	157,400	29,400	0	0	0	0	0	128,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	964,000	70,000	400,000	494,000	0	0	0	0
Total Cost	964,000	70,000	400,000	494,000	0	0	0	0
Funding Sources:								
Self-Supported Bond	964,000	70,000	400,000	494,000	0	0	0	0
Total Funding	964,000	70,000	400,000	494,000	0	0	0	0

Project Title	Supervised Control and Data Acquisition (SCADA) Replacement
Project ID	COM032
Full-time Employees	0
Operating Costs	\$25,000
Project Description	Current SCADA system is problematic and has support issues and needs replaced.
Project Assumptions	Use of current hardware.
Project Justification	Current SCADA is not fully supported, and needs replaced. MDE requires functioning and Supported SCADA system at treatment plants and pump stations.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Hardware/Software	250,000	0	250,000	0	0	0	0	0
Total Cost	250,000	0	250,000	0	0	0	0	0
Funding Sources:								
Utility Admin Fund	250,000	0	250,000	0	0	0	0	0
Total Funding	250,000	0	250,000	0	0	0	0	0

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.	2024	2025	2026	2027	2027	Future
Project Costs:								
Equipment/Furniture	436,117	185,117	30,000	23,000	24,000	24,000	25,000	125,000
Total Cost	436,117	185,117	30,000	23,000	24,000	24,000	25,000	125,000
Funding Sources:								
Utility Admin Fund	436,117	185,117	30,000	23,000	24,000	24,000	25,000	125,000
Total Funding	436,117	185,117	30,000	23,000	24,000	24,000	25,000	125,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	50,000	50,000	0	0	0	0	0	0
Vehicles	1,144,162	239,162	80,000	85,000	85,000	90,000	90,000	475,000
Total Cost	1,194,162	289,162	80,000	85,000	85,000	90,000	90,000	475,000
Funding Sources:								
Utility Admin Fund	1,194,162	289,162	80,000	85,000	85,000	90,000	90,000	475,000
Total Funding	1,194,162	289,162	80,000	85,000	85,000	90,000	90,000	475,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Contingency	211,939	11,939	0	0	0	0	0	200,000
Total Cost	211,939	11,939	0	0	0	0	0	200,000
Funding Sources:								
Sewer Fund	211,939	11,939	0	0	0	0	0	200,000
Total Funding	211,939	11,939	0	0	0	0	0	200,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	1,190,000	125,000	125,000	125,000	125,000	125,000	90,000	475,000
Total Cost	1,190,000	125,000	125,000	125,000	125,000	125,000	90,000	475,000
Funding Sources:								
Sewer Fund	1,190,000	125,000	125,000	125,000	125,000	125,000	90,000	475,000
Total Funding	1,190,000	125,000	125,000	125,000	125,000	125,000	90,000	475,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	5,755,447	2,320,447	100,000	200,000	885,000	0	750,000	1,500,000
Total Cost	5,755,447	2,320,447	100,000	200,000	885,000	0	750,000	1,500,000
Funding Sources:								
Utility Admin Fund	47,000	47,000	0	0	0	0	0	0
Sewer Fund	741,083	741,083	0	0	0	0	0	0
Self-Supported Bond	4,967,364	1,532,364	100,000	200,000	885,000	0	750,000	1,500,000
Total Funding	5,755,447	2,320,447	100,000	200,000	885,000	0	750,000	1,500,000

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.

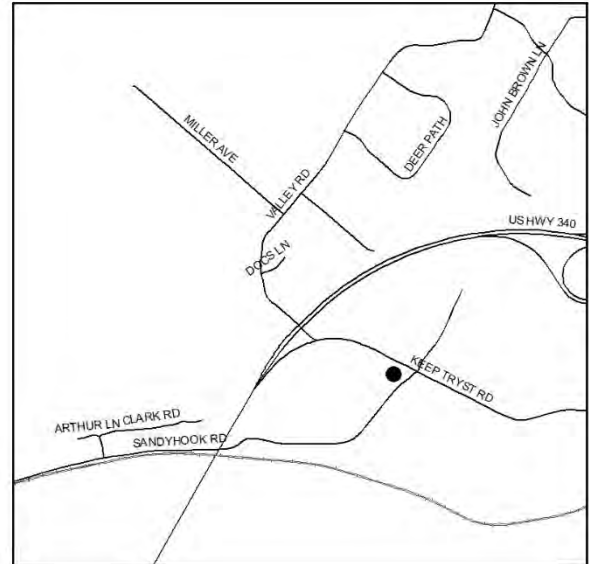
	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	3,976,121	156,121	0	670,000	0	900,000	0	2,250,000
Total Cost	3,976,121	156,121	0	670,000	0	900,000	0	2,250,000
Funding Sources:								
Sewer Fund	140,235	140,235	0	0	0	0	0	0
Self-Supported Bond	2,960,886	15,886	0	370,000	0	585,000	0	1,990,000
State Grant	875,000	0	0	300,000	0	315,000	0	260,000
Total Funding	3,976,121	156,121	0	670,000	0	900,000	0	2,250,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Other	175,000	125,000	25,000	25,000	0	0	0	0
Total Cost	175,000	125,000	25,000	25,000	0	0	0	0
Funding Sources:								
Sewer Fund	175,000	125,000	25,000	25,000	0	0	0	0
Total Funding	175,000	125,000	25,000	25,000	0	0	0	0

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 ARPA funds were designated in the FY23 CIP Plan.

Project Justification The upgrade is required to meet MDE's ENR strategy and to prepare for anticipated development in the area.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	25,237,617	10,237,617	0	0	0	0	0	15,000,000
Engineering and Design	1,643,470	1,143,470	0	0	0	0	0	500,000
Total Cost	26,881,087	11,381,087	0	0	0	0	0	15,500,000
Funding Sources:								
Sewer Fund	840,052	840,052	0	0	0	0	0	0
Self-Supported Bond	19,068,865	3,568,865	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	3,000,000	0	0	0	0	0	0
Total Funding	26,881,087	11,381,087	0	0	0	0	0	15,500,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,022,500	22,500	250,000	250,000	250,000	250,000	0	0
Engineering and Design	100,000	0	0	50,000	0	50,000	0	0
Total Cost	1,122,500	22,500	250,000	300,000	250,000	300,000	0	0
Funding Sources:								
Self-Supported Bond	1,122,500	22,500	250,000	300,000	250,000	300,000	0	0
Total Funding	1,122,500	22,500	250,000	300,000	250,000	300,000	0	0

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.

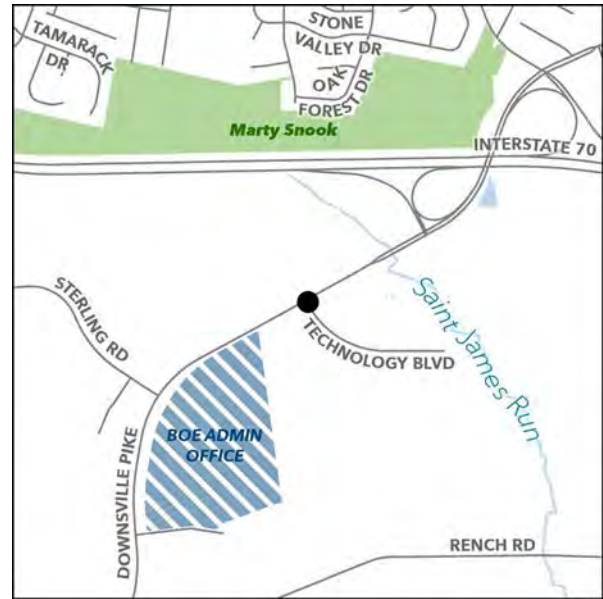
Project Justification The goal of the replacement program is to strike a balance for minimizing replacement costs versus maintenance and fuel costs. The program allows for the purchase of replacement vehicles and equipment used to provide services within the Water Quality service areas.

	Total	Prior Appr.	2024	2025	2026	2027	2028	Future
Project Costs:								
Equipment/Furniture	48,000	4,000	5,000	5,000	5,000	5,000	4,000	20,000
Vehicles	1,262,807	371,807	195,000	195,000	195,000	100,000	31,000	175,000
Total Cost	1,310,807	375,807	200,000	200,000	200,000	105,000	35,000	195,000
Funding Sources:								
Utility Admin Fund	15,000	15,000	0	0	0	0	0	0
Sewer Fund	1,295,807	360,807	200,000	200,000	200,000	105,000	35,000	195,000
Total Funding	1,310,807	375,807	200,000	200,000	200,000	105,000	35,000	195,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,700,000	0	0	0	0	0	1,700,000	0
Total Cost	1,700,000	0	0	0	0	0	1,700,000	0
Funding Sources:								
Contributions	1,700,000	0	0	0	0	0	1,700,000	0
Total Funding	1,700,000	0	0	0	0	0	1,700,000	0

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 Assumptions State Grant was not secured, so additional local money will replace that funding.

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,000,000	1,000,000	0	0	0	0	0	0
Total Cost	1,000,000	1,000,000	0	0	0	0	0	0
Funding Sources:								
General Fund	175,000	175,000	0	0	0	0	0	0
Water Fund	450,000	125,000	325,000	0	0	0	0	0
Federal Grant	375,000	375,000	0	0	0	0	0	0
State Grant	0	325,000	-325,000	0	0	0	0	0
Total Funding	1,000,000	1,000,000	0	0	0	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	293,239	143,239	15,000	15,000	15,000	15,000	15,000	75,000
Total Cost	293,239	143,239	15,000	15,000	15,000	15,000	15,000	75,000
Funding Sources:								
Water Fund	293,239	143,239	15,000	15,000	15,000	15,000	15,000	75,000
Total Funding	293,239	143,239	15,000	15,000	15,000	15,000	15,000	75,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	2,366,000	566,000	100,000	100,000	0	0	100,000	1,500,000
Total Cost	2,366,000	566,000	100,000	100,000	0	0	100,000	1,500,000
Funding Sources:								
Self-Supported Bond	2,241,000	516,000	75,000	75,000	0	0	75,000	1,500,000
State Grant	125,000	50,000	25,000	25,000	0	0	25,000	0
Total Funding	2,366,000	566,000	100,000	100,000	0	0	100,000	1,500,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	645,336	55,336	0	0	590,000	0	0	0
Total Cost	645,336	55,336	0	0	590,000	0	0	0
Funding Sources:								
Self-Supported Bond	645,336	55,336	0	0	590,000	0	0	0
Total Funding	645,336	55,336	0	0	590,000	0	0	0

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	1,434,342	254,342	290,000	0	0	290,000	0	600,000
Total Cost	1,434,342	254,342	290,000	0	0	290,000	0	600,000
Funding Sources:								
Cascade Fund	12,342	12,342	0	0	0	0	0	0
Self-Supported Bond	1,422,000	242,000	290,000	0	0	290,000	0	600,000
Total Funding	1,434,342	254,342	290,000	0	0	290,000	0	600,000

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.	2024	2025	2026	2027	2028	Future
Project Costs:								
Construction	336,000	0	0	0	0	0	0	336,000
Total Cost	336,000	0	0	0	0	0	0	336,000
Funding Sources:								
Self-Supported Bond	336,000	0	0	0	0	0	0	336,000
Total Funding	336,000	0	0	0	0	0	0	336,000





Washington County

M A R Y L A N D