

Washington County, Maryland

FY 2012 -2017

Capital Improvement Budget
Fiscal Year 2012

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Introduction & Overview





County Commissioners of Washington County



TERRY L. BAKER, a second-term County Commissioner, was first elected in 2006 and serves as President of the Board of County Commissioners. He is a 1973 graduate of Williamsport High School, a 1975 graduate of Hagerstown Community College, and a 1978 graduate of Auburn University, with a Bachelor's degree in Education. Mr. Baker is employed as a trade's instructor (carpentry) at the Washington County Technical High School. Prior to being elected a County Commissioner he served from 2002 to 2004 as a member of the Council for the municipality of Clear Spring and as Assistant Mayor for such municipality from 2004 to 2006.



JOHN F. BARR, a second-term County Commissioner, was first elected in 2006, and serves as Vice-President of the Board of County Commissioners. He was raised in Boonsboro, Maryland and is a Master Electrician in five states. In high school, Mr. Barr worked for his father as a field electrician at M/L Electric, Inc., which began in 1927. In 1979 he formed the management team overseeing the service department. In 1984 Mr. Barr bought the company from his father and changed the name to Ellsworth Electric, Inc. He has built the company from 75 to 150 employees. Mr. Barr is active in various service organizations and community projects.



RUTH ANNE CALLAHAM, a first-term County Commissioner, has lived in Washington County since 1977. Retiring in 2003 from the federal government after 23 years of service, she joined Food Resources, a local non-profit, as Executive Director. Ms. Callaham was elected to serve on the Washington County Board of Education (2006-2010), and was appointed to the Board of County Commissioners of the Housing Authority of Washington County (1999-2004), and to the Washington County Commission for Women (2007-2010). She holds a Bachelor of Science degree from Texas State University and a Master of Business Administration degree from Mount St. Mary's University.



JEFFREY A. "JEFF" CLINE, a first-term County Commissioner, is a Williamsport resident. Mr. Cline is a graduate of Williamsport High School and Hagerstown Community College, and is currently seeking a Bachelor of Science degree in Organizational Leadership from Mountain State University. He has been a realtor since 2003 and is employed by Roger Fairborn Real Estate. He graduated from the Maryland Association of Realtors' 2008 Leadership Academy and received a Graduate of Realtor Institute (GRI) designation. Mr. Cline served on the Williamsport Town Council (2005-2009), and is an affiliate member of the Williamsport Lions Club.



WILLIAM B. "BILL" MCKINLEY, a first-term County Commissioner, was an educator in Washington County Public Schools for 36 years, retiring in 2002 as Executive Director of Support Service. He has served as President of Saint Maria Goretti High School and Chairman of the Washington County Gaming Commission. He is a member of the Williamsport Lions Club and President of the Hagerstown Community College Hawk Booster Club.

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Vision and Mission Statement

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 (Long-Term Goals):

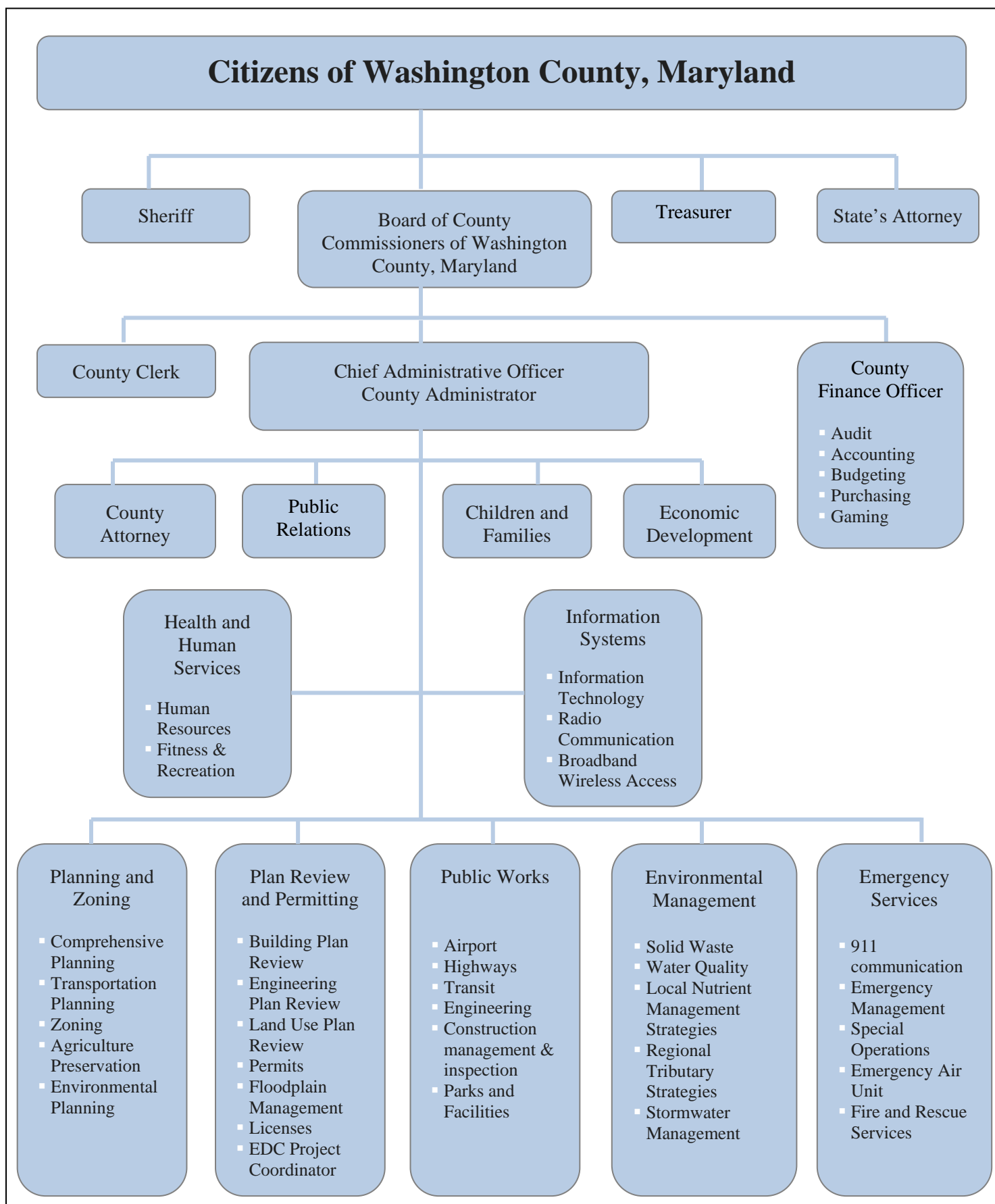
Supporting and strengthening individual and community self-reliance and responsibility;

Promoting education, economic opportunities, public health, safety, and welfare;

Protecting the environment and cultural resources we share and;

Planning for future urbanization and a culturally diverse population.

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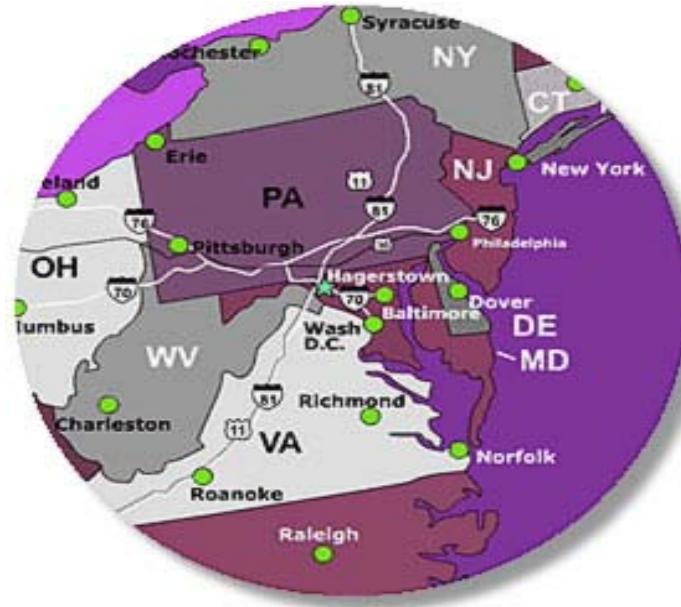


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Community Profile

Location

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



The major part 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 close proximity to Baltimore and Washington DC offer access to metropolitan culture and lifestyle. It's the best of both worlds.

Founded in 1776, the very year our country declared its independence, Washington County is laced with parks, monuments and museums that tell America's story spanning three centuries. Its thriving hub city, Hagerstown, founded in 1762, reaches into the future, offering residents the latest services, shopping and entertainment, from the acclaimed Maryland Symphony Orchestra to nightlife and festivals.



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.

Under the Code of the Public Local Laws of Washington County (1991 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.

Transportation

A variety of transportation avenues are available in Washington County. Hagerstown Regional Airport is a Part 139 Facility which provides scheduled commercial service on Allegiant Air and Cape Air. The airfield also offers fixed base operation services to corporate and military aircraft. Over 20 businesses offer clients a variety of aviation services for all types of aircraft. The airport is part of the Washington County Foreign Trade Zone and is located in a County Enterprise Zone. More than 1,100 people are employed at the airport in various aviation-related businesses. In addition, Dulles International, Baltimore/Washington Thurgood Marshall International, 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, intermodal container transfer, taxi, freight common carriers, and limousine service. The mainlines of CSX and Norfolk Southern provide economical shipment to anywhere on the Atlantic Seaboard and are both located within Washington County.

Health Care Services

Washington County Hospital is a 312-licensed bed acute care, nonprofit, general hospital serving the tri-state area and is a Regional Trauma Center. It is served by more than 300 physicians and surgeons, who represent more than 30 specialties. Washington County Hospital opened in 1905 as a nonprofit hospital. It provides a broad spectrum of services from inpatient to outpatient, from rehabilitation to cancer care, and from interventional radiology to home health care.

Antietam Health Services is the for-profit entity of the health system. Focusing on outpatient services, it includes 11 physician practices, the Hagerstown Medical Lab, two Urgent Care centers, Home Care Pharmacy, Diagnostic Imaging Services, the Robinwood Surgery Center, the Endoscopy Center, Health@Work, The Learning Center, Equipped for Life, and Mid-Maryland Transport. It also operates the Robinwood Medical Center as a condominium.

In 2008, construction began on a new hospital incorporating some of the latest technological advances in medical care. The 510,000 square-foot facility will have 297 single-patient rooms with private bathrooms. The new facility, scheduled to open in December 2010, is designed to consolidate patient services, to improve access for patients; create synergies between departments by co-location; providing more flexibility in patient care, enhanced privacy and confidentiality; and anticipate the demand for future healthcare advances and emerging technologies.

There are nine privately owned licensed nursing homes with more than 1,023 beds and one State-owned licensed nursing home with 63 beds in Washington County. In addition there are 26 privately owned senior-assisted living facilities with a total of 705 beds. Other medical facilities include the Western Maryland Center, a 123 bed State-owned, chronic care facility, and the Brook Lane Psychiatric Center, a privately-owned psychiatric facility. None of these facilities receives funds from the County.

Demographic Information

Population (Census 2000)		Population Statistics (Census 2000)	
<u>Year</u>	<u>County Total</u>		
1980	113,086	Age: 19 & under	24.8%
1990	121,393	20-64 (workforce age)	61.1%
2000	131,923	65 & older	14.1%
2007	145,384	Median Age	38.1
2010 projected	149,250	Gender: Male	51.3%
2015 projected	160,500	Female	48.7%
2020 projected	170,950	Race: White	86.1%
		Black	9.3%
		Other	4.6%

Top 15 Employers in Washington County			Education Facilities In Washington County	
<u>Rank</u>	<u>Employer</u>	<u>Employment</u>		
1	Washington County Public Schools	2,958	Higher Education:	
2	Washington County Health Systems, Inc.	2,860	Kaplan University - Hagerstown	
3	State of Maryland	2,438	Hagerstown Community College	
4	First Data	1,999	University System of MD at Hagerstown	
5	Citi	1,920	Primary Education:	
6	Washington County Government	1,254	26 Elementary Schools	
7	Volvo Powertrain North America	1,115	7 Middle Schools	
8	FedEx Ground	734	7 Senior High Schools	
9	The Bowman Group, LLP	720	1 Middle/Senior High School	
10	Hagerstown Community College	688	1 Technical High School	
11	Federal Government	637	1 Evening High School	
12	Lehigh Phoenix	600	1 Outdoor Education	
13	Staples Distribution Center	598	1 Special Education	
14	City of Hagerstown	543	26 Private Schools	
15	Unilever Ice Cream	445	Teacher/Pupil Ratio:	
			20:1 Elementary	
			23:1 Secondary	

County Income	
Per Capita Income	\$ 33,378
Median Household Income	\$ 52,150
Average Household Income	\$ 68,700
Median Family Income	\$ 65,300

County Employment Statistics	
Civilian Labor Force	67,925
Employed	61,248
Unemployed	6,677
Unemployment Rate	9.8%
State Average	7.1%

County Water Quality Systems	
	<u>Total # of Services</u>
Full Service Water	1,328
Full Service Sewer	6,629
Collection Service Sewer	3,464
Wholesale Sewer	5
Total	11,426

County Building Permits (000's)		
	<u>Number</u>	<u>Value</u>
Residential New	133	\$ 27,721
Other Permits	1,881	\$ 73,869
Total	2,014	\$ 101,590

County Business Patterns	
<u>Industry</u>	<u>Total # Establishments</u>
Services	1,211
Retail Trade	665
Construction	474
Other	422
Finance, Insurance, Real Estate	325
Wholesale Trade	158
Transportation/Warehousing	156
Manufacturing	148
Information	53
Utilities	6
Agricultural	6
Mining	3
Total	3,627

Capital Budgeting

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 Six-year Capital Improvement Plan (“CIP”) 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 itself covers six 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.

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Debt Affordability Analysis

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 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. Our Peer Group consists of counties that share similar characteristics in various areas, including but not limited to, population, region, bond rating, and budget thresholds. Our sample of counties was based on size and income indicators, such as per capita income, property values, population, access to interstate highways, and revenue generation.

The Peer Group contains ten Maryland Counties that include Washington, 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 the 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 selected 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. Below is a four-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 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
2007	772	1,181	1.13%	1.51%	6.03%	7.55%	.24%	.33%
2008	842	1,302	1.13%	1.45%	5.93%	7.37%	.24%	.34%
2009	888	1,483	1.08%	1.39%	6.90%	8.07%	.26%	.36%
2010	855	1,650	.98%	1.46%	6.60%	8.16%	.27%	.37%
2011 projected	867	1,650	1.02%	1.46%	6.67%	8.16%	.25%	.37%

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 budget and potentially the tax burden carried by our citizens.

Projections are based on net tax-supported debt currently outstanding plus average debt that is anticipated to be issued over the next twenty 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 tables illustrate 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 % of General Fund Revenue		Debt Service Per Capita as a % of Income Per Capita	
	Projected	Target	Projected	Target	Projected	Target	Projected	Target
2012	893	1,650	1.04%	1.46%	7.03%	8.16%	.27%	.37%
2013	916	1,650	1.04%	1.46%	7.32%	8.16%	.28%	.37%
2014	936	1,650	1.05%	1.46%	7.37%	8.16%	.28%	.37%
2015	955	1,650	1.05%	1.46%	7.39%	8.16%	.29%	.37%
2016	973	1,650	1.06%	1.46%	7.29%	8.16%	.28%	.37%
2017	990	1,650	1.06%	1.46%	7.32%	8.16%	.29%	.37%
2018	1,007	1,650	1.06%	1.46%	7.14%	8.16%	.28%	.37%
2019	1,025	1,650	1.06%	1.46%	7.01%	8.16%	.28%	.37%
2020	1,038	1,650	1.05%	1.46%	7.21%	8.16%	.28%	.37%

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 % of General Fund Revenue		Debt Service Per Capita as a % of Income Per Capita	
	Projected	Target	Projected	Target	Projected	Target	Projected	Target
2021	1,047	1,650	1.04%	1.46%	7.36%	8.16%	.29%	.37%
2022	1,058	1,650	1.04%	1.46%	7.13%	8.16%	.28%	.37%
2023	1,065	1,650	1.03%	1.46%	7.24%	8.16%	.29%	.37%
2024	1,068	1,650	1.01%	1.46%	7.38%	8.16%	.30%	.37%
2025	1,067	1,650	.99%	1.46%	7.46%	8.16%	.30%	.37%
2026	1,065	1,650	.98%	1.46%	7.39%	8.16%	.30%	.37%
2027	1,061	1,650	.96%	1.46%	7.32%	8.16%	.30%	.37%
2028	1,053	1,650	.93%	1.46%	7.43%	8.16%	.30%	.37%
2029	1,053	1,650	.92%	1.46%	6.80%	8.16%	.28%	.37%
2030	1,052	1,650	.90%	1.46%	6.73%	8.16%	.28%	.37%
2031	1,045	1,650	.88%	1.46%	6.93%	8.16%	.29%	.37%

Credit Ratings

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

The County's current credit ratings are AA by Standard & Poor's, AA by Fitch and an Aa2 by Moody's Investors Service. The County's credit ratings reflect strong financial management, continued economic development and diversification, strong financial position, strong financial policies, manageable capital needs, low 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 were 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 twenty-year projection.

The base case projects the most affordable program. It achieves the goal of meeting the peer group medians. The best and worst case scenarios assume major changes in economic conditions for the twenty-year period that is projected 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 have been considered and tested in the model used, so that the known effects of worst and best-case results could be examined as were discussed earlier. 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.

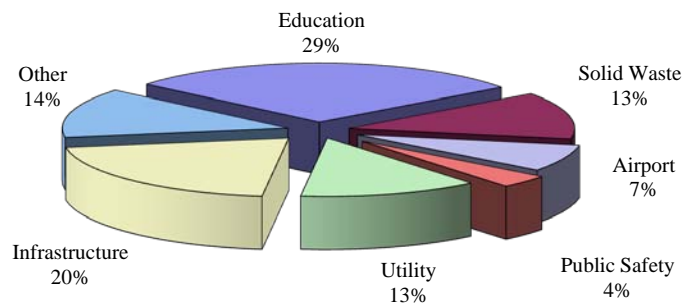
The estimated maximum debt capacity is not intended to be an absolute limit or a recommendation on the amount of debt that can be incurred. It should be used as a guide for better long-term financial planning and improving capital budgeting. Debt capacity estimates can assist long-term capital planning by showing the resources available to fund needed infrastructure. 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

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 affect on the tax burden of the citizens. Therefore, along with the development of the Capital Improvement Plan, an annual Debt Affordability Analysis is performed to evaluate the affect of debt service costs on operating budgets and to utilize long-term financial planning.

The following graph illustrates the percentage of total debt outstanding at June 30, 2011 by project category:

Percentage of Debt Outstanding by Project Category



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 pay-go financing of capital projects. The following table shows the estimated impact of debt service on the Operating Budget for FY 2012 and the current outstanding balance at June 30, 2011.

Current Debt Balance and FY 2012 Principal and Interest Costs				
	Current Balance	FY 2012 Principal	FY 2012 Interest	FY 2012 Total Debt Service

General Fund:

2002 Public Improvement Bonds	\$ 972,833	\$ 476,489	\$ 48,642	\$ 525,131
2002 Public Improvement & Refunding Bonds	4,034,945	1,265,506	182,485	1,447,991
2003 Public Improvement Bonds	4,104,614	330,938	169,614	500,552
2003A Public Improvement & Refunding Bonds	7,049,268	1,612,987	203,521	1,816,508
2005 Public Improvement & Refunding Bonds	21,636,147	2,452,032	853,186	3,305,218
2006 Public Facilities Bonds	8,540,000	420,000	355,781	775,781
2007 Public Improvement Bonds	11,941,324	490,113	497,091	987,205
2008 Public Improvement Bonds	13,712,954	564,720	545,050	1,109,770
2009 Public Improvement & Refunding Bonds	13,186,291	803,676	455,411	1,259,087
2010 Ser A Public Improvement Bonds	5,009,887	442,986	119,131	562,117
2010 Ser B Build America Bonds	6,957,113	0	226,879	226,879
2010 Refunding Bonds	10,480,555	76,681	299,029	375,710
2011 Public Improvement Bonds	10,949,900	87,202		87,202
MD Water Quality Solid Waste Refinancing	1,755,596	33,360	17,560	50,920
MD Water Quality Resh Capping Ph 1	4,271,137	247,490	42,710	290,200
Total General Fund Existing Debt	\$ 124,602,564	\$ 9,304,180	\$ 4,016,090	\$ 13,320,270
2012 Planned Debt:				
2012 Public Improvement Bonds	14,182,100	0	0	0
Total General Fund Debt	\$ 138,784,664	\$ 9,304,180	\$ 4,016,090	\$ 13,320,270

Highway:

2008 Public Improvement Bonds	\$ 2,647,368	\$ 109,020	\$ 105,230	\$ 214,250
Total Highway Existing Debt	\$ 2,647,368	\$ 109,020	\$ 105,230	\$ 214,250

Solid Waste:

2002 Public Improvement Bonds	\$ 7,167	\$ 3,511	\$ 358	\$ 3,869
2002 Public Improvement & Refunding Bonds	365,055	114,494	16,510	131,004
2003 Public Improvement Bonds	50,386	4,062	2,082	6,144
2003A Public Improvement & Refunding Bonds	355,732	137,013	12,552	149,565
2005 Public Improvement & Refunding Bonds	643,853	72,968	25,389	98,357
2007 Public Improvement Bonds	2,433,676	99,887	101,309	201,196
2009 Public Improvement Bonds	2,926,606	248,932	99,079	348,011
2010 Ser A Public Improvement Bonds	1,983,106	175,351	47,157	222,508
2010 Ser B Build America Bonds	2,753,894	0	89,807	89,807
2010 Refunding Bonds	3,309,445	53,319	92,271	145,590

Current Debt Balance and FY 2012 Principal and Interest Costs				
Current Balance	FY 2012 Principal	FY 2012 Interest	FY 2012 Total Debt Service	FY 2011 Total Debt Service
2011 Public Improvement Bonds	\$ 3,220,100	\$ 113,863	\$ 67,406	\$ 181,269
MD Water Quality Solid Waste Refinancing	4,823,165	91,645	48,232	139,877
MD Water Quality 40 West Cell 3	1,877,136	128,185	20,648	148,833
Total Solid Waste Existing Debt	\$ 24,749,321	\$ 1,243,230	\$ 622,800	\$ 1,866,030
2012 Planned Debt:				
2012 Public Improvement Bonds	1,480,900	0	0	0
Total Solid Waste Fund Debt	\$ 26,230,221	\$ 1,243,230	\$ 622,800	\$ 1,866,030

Airport

2003A Public Improvement & Refunding Bonds	\$ 615,000	\$ 35,000	\$ 25,930	\$ 60,930
MD Industrial Commercial Redevelopment	790,811	138,620	47,625	186,245
MD Industrial Land Act	616,773	37,240	33,165	70,405
2006 Runway Extension Project Bonds	12,225,000	595,000	520,910	1,115,910
Total Airport Existing Debt	\$ 14,247,584	\$ 805,860	\$ 627,630	\$ 1,433,490

Water Quality:

1996 Series A Project & Refunding Bonds	\$ 5,274,828	\$ 540,639	\$ 745,133	\$ 1,285,772
2008 Public Improvement Bonds	1,244,678	51,258	49,472	100,730
2009 Public Improvement & Refunding Bonds	3,432,102	142,392	120,423	262,815
2010 Ser A Public Improvement Bonds	867,007	76,663	20,617	97,280
2010 Ser B Build America Bonds	1,203,993	0	39,264	39,264
MD Water Quality Series 93A	225,976	72,899	7,439	80,338
MD Water Quality Series BNR	1,941,804	179,784	33,011	212,795
MD Water Quality Cono. Refunding 2004	4,715,000	1,290,000	18,860	1,308,860
MD Water Quality Pretreatment Refunding 2004	5,146,063	420,000	20,584	440,584
MD Water Quality Halfway I & I	456,734	26,465	4,567	31,032
Total Water Quality Existing Debt	\$ 24,508,185	\$ 2,800,100	\$ 1,059,370	\$ 3,859,470
2012 Planned Debt:				
2012 Public Improvement Bonds	5,696,900	0	0	0
Total Water Quality Debt	\$ 30,205,085	\$ 2,800,100	\$ 1,059,370	\$ 3,859,470
Total Existing and 2012 Planned Debt	\$ 212,114,922	\$ 14,262,390	\$ 6,431,120	\$ 20,693,510

Bonded Limit Summary as of June 30, 2011

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, 2011 the unused authorization available for issuance of general obligation bonds was \$39,906,122.

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, 2011	
Assessed Value of Property in Washington County	\$ 14,198,081,000
Debt Limit: % of Assessed Value	10%
Water Quality Borrowing Limitation	1,419,808,100
Water Quality Debt	24,508,185
Debt Margin	1,395,299,915
Ratio of Water Quality Debt to Assessed Value	.17%

Capital Improvement Plan Development



Six-Year Capital Improvement Plan Development

The Six-year Capital Improvement Plan (CIP) is developed and updated on an annual basis for both project costs and funding sources. The plan is flexible and covers six years with the first year being the Capital Improvement Budget. Along with the development of the Capital Improvement Plan, an annual Debt Affordability Analysis is performed to evaluate the affect 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 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 10 years and an estimated cost of \$25,000 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;
- 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 and that have initial useful lives extending beyond a two-year reporting period. Assets not meeting the criteria above are budgeted as capital outlay in the Operating Budget.

Development of the Capital Improvement Plan

Capital Improvement Plan development begins in the winter after the development 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 Finance Director, the Planning Director, and the Director of Public Works comprise the Capital Improvement Plan Committee, ("CIP Committee"). From the time the CIP'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 CIP 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;
- Projects are reviewed to determine the adequacy of the budget and appropriate funding source;
- Projects are prioritized based on County goals, department priorities, and anticipated funding sources.

The CIP is reviewed in conjunction with the annual 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 six-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 five-year forecast.

The Board of County Commissioners reviews the Six-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 Six-year Capital Improvement Plan for the established projects.

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 fourteen scored and weighted criteria, which is the basis for assigning projects into one of the five priority-ranking categories.

The fourteen 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 like increases in traffic accidents, injuries, and deaths.
3. Environmental Impact – This criterion includes health related impacts like sickness due to poor water quality, health hazards due to sewer problems, or contamination from landfill sites.
4. Conformity to County Commissioners Goals and Plans - If a capital project directly addresses the County Commissioner's goals and plans, the relative attractiveness of that project increases. It should tie into the Comprehensive plans or other written plans and goals of the County.
5. Conformity to Agency, Department and Jurisdictional Plans – If a capital project directly addresses the written plans of the agency, department or jurisdiction, the value of the project increases.
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 is for 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 CIP 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, or 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, personnel, and debt service, 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 measures the type of “bricks and mortar” spending that is proposed in the long-term capital plan. It places higher value 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 includes 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 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 important to the general welfare of the community, operating or maintaining of a physical facility, and/or not critical relative to other projects. |
| Priority 3 | Projects that provide a public operational improvement and/or projects not critical or important in relation to the County financial capabilities, needs, or other program requirements. |
| Priority 4 | Projects that conflict with the master plan and/or projects for which there are concerns related to serious need, cost, justification, or timing. |
| Priority 5 | Projects that will not be started until the completion of a study or submission of additional data, and/or projects on hold indefinitely. |

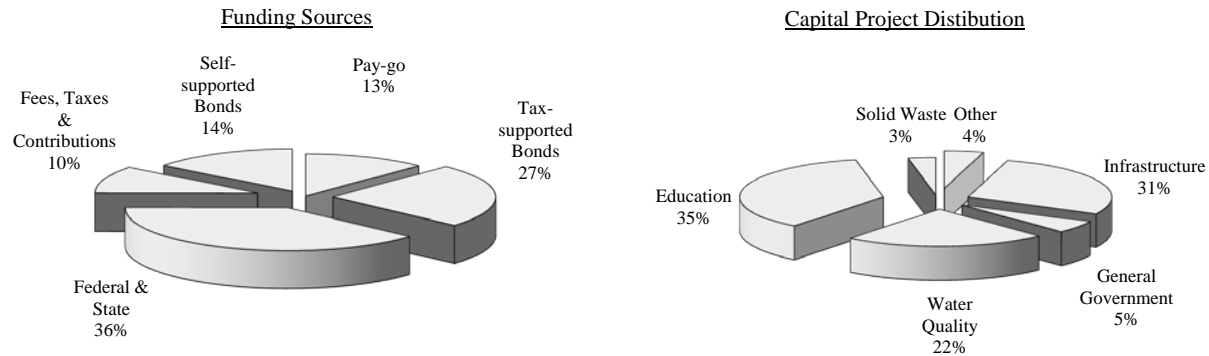
After all proposed projects are prioritized using these criteria, the CIP Committee (1) reviews the project ranking report for reasonableness, (2) checks for any projects that appear out of order, (3) determines if there are any linkages between projects, (4) evaluates if there are any advantages to 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 CIP 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 Six-year Capital Improvement Plan to the Board of County Commissioners. The County Commissioners review the recommended Six-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 CIP and Capital Budget.

Capital Improvement Budget Overview

A graphic illustration of planned capital project distribution and funding sources for fiscal year 2012 is shown below. The fiscal year 2012 Capital Improvement Budget is funded mainly from: tax supported and self-supported bonds, pay-go funds, federal and state funds, and developer based fees.



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 Study, 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. The fiscal year 2012 amount is based on available cash resources and was determined by maximizing the contribution level to best match funding strategies, useful lives, benefit of assets, and the cost.
- *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 \$3 per sq foot (SF), and \$1.5 SF for additions to residential properties. Excise tax for nonresidential non-retail is assessed at \$1 SF and nonresidential retail at \$3 SF. 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 for fiscal year 2012 is based on projected home sales and recordation activity. In addition, the County has an Adequate Public Facilities Ordinance Fee. It 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.

Funding



Funding

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

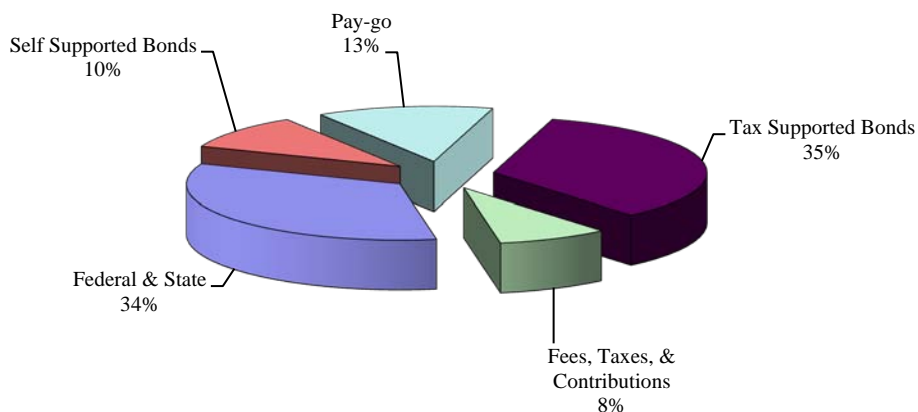
Project	Total	Prior Appr.	Budget Year		Five Year Capital Program			
			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Cash Requirements								
Airport	12,955,700	0	1,446,800	3,315,400	123,600	2,315,300	5,563,500	191,100
Bridges	18,263,100	2,649,900	3,653,900	5,728,600	1,521,600	2,757,700	367,900	1,583,500
Drainage	4,101,700	40,800	681,400	420,200	337,000	533,400	1,197,200	891,700
Education	162,217,500	71,505,000	17,956,700	15,716,000	11,857,600	14,291,800	16,583,100	14,307,300
General Government	10,868,900	3,994,300	2,645,700	884,800	1,205,200	724,300	730,700	683,900
Parks & Recreation	350,000	0	350,000	0	0	0	0	0
Public Safety	3,639,000	0	236,600	316,000	126,800	0	1,366,300	1,593,300
Railroad Crossings	1,564,100	50,100	0	346,800	1,167,200	0	0	0
Road Improvement	100,782,183	28,742,183	9,570,800	10,168,200	9,818,900	13,353,900	13,928,700	15,199,500
Solid Waste	4,773,200	793,400	1,531,400	193,800	51,500	1,885,100	52,600	265,400
Transit	2,126,423	813,823	151,500	690,200	80,400	86,200	199,300	105,000
Water Quality	39,102,430	2,172,370	11,236,400	10,051,360	10,887,100	2,526,700	1,266,500	962,000
TOTAL	360,744,236	110,761,876	49,461,200	47,831,360	37,176,900	38,474,400	41,255,800	35,782,700
Funding Source - All Projects								
General Fund	49,691,974	22,224,974	2,715,000	4,798,000	4,842,400	4,939,800	5,037,200	5,134,600
Solid Waste Fund	957,500	646,800	50,500	51,000	51,500	52,000	52,600	53,100
Utility Admin Fund	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
Water Fund	441,200	25,500	177,800	77,000	78,000	27,100	27,600	28,200
Sewer Fund	1,905,900	735,600	899,600	52,000	53,100	54,100	55,200	56,300
Airport Fund	75,000	0	75,000	0	0	0	0	0
Tax Supported Bond	101,528,951	15,460,151	12,068,800	14,000,000	15,000,000	15,000,000	15,000,000	15,000,000
Self Supported Bond	25,857,930	425,470	7,177,800	6,674,760	6,384,400	2,977,800	1,156,100	1,061,600
Transfer Tax	10,811,373	6,211,373	800,000	0	0	1,200,000	1,300,000	1,300,000
Excise Tax - Schools	8,452,500	3,348,200	0	1,150,000	708,300	841,600	1,108,300	1,296,100
Excise Tax - Roads	2,293,000	1,019,400	141,300	141,300	174,100	206,800	272,300	337,800
Excise Tax - Other	323,300	47,300	30,700	30,700	37,000	0	104,200	73,400
Excise Tax - Library	531,154	383,154	16,400	16,400	20,200	24,000	31,700	39,300
Excise Tax - Non-Residential	2,840,000	1,415,000	0	85,000	185,000	285,000	385,000	485,000
APFO Fees - Roads	84,099	84,099	0	0	0	0	0	0
Capital Reserve - General	14,704,740	11,080,340	1,903,000	1,471,400	250,000	0	0	0
Capital Reserve - Airport	200,000	0	200,000	0	0	0	0	0
Federal Grant	24,165,608	3,460,108	3,954,500	7,272,500	178,300	3,922,800	5,122,400	255,000
State Grant	102,074,907	38,649,207	15,067,200	10,719,600	9,188,100	7,642,600	10,930,100	9,878,100
Contributions	13,618,700	5,519,700	4,158,100	1,265,700	0	1,273,700	645,500	756,000
TOTAL	360,744,236	110,761,876	49,461,200	47,831,360	37,176,900	38,474,400	41,255,800	35,782,700

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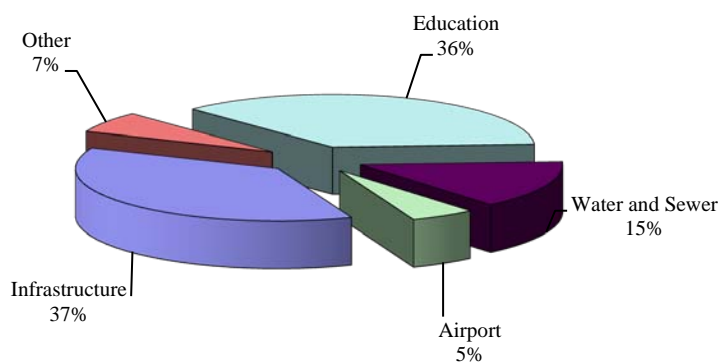
Six-year Capital Improvement Plan Summary

The following charts illustrate the projects by category and the funding sources that are currently scheduled for fiscal year 2012 thru fiscal year 2017. The 'Other' category includes projects for: Parks & Recreation, Solid Waste, Transit, General Government, and Public Safety. The 'Education' category includes projects for the Board of Education, the Hagerstown Community College and Public Libraries, including the Renovation and Expansion of the Central Library. The total for all projects represented in the chart is \$249,982,360.

Funding Sources for FY2012 thru FY2017



Capital Improvement Plan for FY2012 thru FY2017



Fiscal Year 2012 Capital Improvement Budget - Project Detail

Project Name	Project Description	Project Budget	Operating Impact
Capital Equipment - Airport	Replace 1985, 1,500 ton per hour Snow Blower that has reached the end of its useful life. Addition of new equipment; Boom Bank Flail Mower for maintenance of Storm Water Management ponds and steep grades around the airport.	\$ 569,300	\$ 400
Terminal Modification	Hold room and baggage claim expansion; additional restrooms in hold room; relocation of existing administrative offices. Approximately 5,000 square foot addition to the east end of the Terminal.	252,500	-
Northwest Quadrant Site Preparation	Site work grading and drainage in the northwest quadrant of the airfield to develop "Pad-Ready" sites for future development.	400,000	-
Fuel Tank and Pumping System Upgrades	Upgrade existing Aviation gasoline storage tank to Jet A storage and combine pumping systems.	75,000	-
Airport Layout Plan Update	Airport Layout Plan will be updated to include future development recommendations.	150,000	-
Marble Quarry Road Bridge W6083	Bridge is located in the 19900 block of Marble quarry Road (ADC Map 32, Grid A-13). Replace deteriorated single land concrete bridge. Structure is considered eligible for the National Register of Historic Places. Rating is 36.2 out of a maximum possible score of 100.	80,000	-
Coffman Farms Road Bridge W6371	Bridge is located in Keedysville, near Main Street (ADC Map 31, Grid G-7). Rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge sufficiency rating is 36.2 out of a maximum possible score of 100.	765,600	-
Bridge Inspection & Inventory	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.	171,700	13,478
Old Forge Road Bridge W2382	Bridge is located in the 20800 block of Old Forge Road (ADC Map 22, Grid D-1). Rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 37.4 out of a maximum possible score of 100.	1,298,900	-

Project Name	Project Description	Project Budget	Operating Impact
Burnside Bridge Road Culvert 01/02	This project is located in the 18500 block of Burnside Bridge Road (ADC Map 34, Grid D-2). Replace single lane steel stringer bridge with two lane precast box culvert and make traffic barrier approach road improvements.	\$ 50,500	\$ -
Garis Shop Road Bridge W4021	Bridge is located in the 10000 Block of Garis Shop Road (ADC Map 26, Grid F-2). Rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 40.1 out of a maximum possible score of 100.	70,800	-
Leiters Mill Road Bridge W2292	This project is in the 21300 block of Leiters Mill Road (ADC Map 11, Grid H-8). Repair existing stone arch bridge. Structure is eligible for the National Register of Historic Places. Although undetermined at this time, repair will most likely consist of concrete fill, traffic barrier upgrades, scour repair, riprap placement, and repointing the stone masonry. Bridge Sufficiency Rating is 30.7 out of a maximum possible score of 100.	70,800	-
Poffenberger Road Bridge W4011	This project is located in the 19000 block of Poffenberger Road (ADC Map 26, Grid F-1). Rehabilitate single span stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 41.0 out of a maximum possible score of 100.	156,600	-
Locust Grove Road Culvert 08/03	This project is located in the 22200 block of Locust Grove Road (ADC Map 35, Grid C-4). Replace deteriorated single lane steel stringer structure with new two lane precast concrete box culvert. Project also includes the widening of Locust Grove Road to two lanes from the structure out to MD 67, a distance of approximately 250 feet.	285,800	24,437
Beaver Creek Road Culvert 16/01	This project is located in the 19000 block of Beaver Creek Road (ADC Map 21, Grid H-11). Replace existing single lane concrete structure with a two lane precast box culvert. Upgraded traffic barrier will be added to improve safety.	228,300	19,923
Poffenberger Road Bridge W4012	This project is located in the 19000 block of Poffenberger Road (ADC Map 26, Grid F-1). Rehabilitate three span stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 41.0 out of a maximum possible score of 100.	207,100	-

Project Name	Project Description	Project Budget	Operating Impact
Mt. Lena Road Culvert 16/05	This project is located in the 21300 block of Mt. Lena Road (ADC Map 27, Grid H-7). Replace deteriorated two lane concrete slab bridge with a precast box culvert. Upgraded traffic barrier will be added as well to improve safety.	\$ 15,200	\$ -
Trego Road Culvert 08/06	This project is located in the 4100 block of Trego Road (ADC Map 35, Grid A-4). Replace existing concrete slab bridge with precast concrete box culvert. Upgraded traffic barrier will be added as well to improve safety.	37,400	-
Benevola Newcomer Road Culvert 06/04	This project is located in the 19600 block of Benevola Newcomer Road (ADC Map 26, Grid J-10). Eliminate existing deteriorated concrete slab culvert used as a cattle crossing. Replace with an at grade road section.	215,200	-
Charles Mill Road Culvert	This project is located in the 11300 block of Charles Mill Road (ADC Map 18, Grid B-8). Replace small concrete structure with concrete pipe and new headwalls. Upgraded traffic barrier will be added as well to improve safety. This structure is adjacent to culvert 04/05.	131,300	-
Trego Road Culvert, 4000 Block	This project is located in the 4000 block of Trego Road (ADC Map 35, Grid B-5). Replace the existing concrete slab bridge with a reinforced concrete pipe and headwalls.	11,200	-
Stream Restoration at Various Locations	Restore stream banks at various locations on the Antietam Creek and Conococheague Creek to improve water quality.	404,000	-
Kilarney Drive Culvert	This project is located at the intersection of Kilarney Drive and Heather Drive (ADC Map 20, Grid A-5). Slip line existing culvert with HDPE pipe and grout void space.	40,000	-
Capital Maintenance – Board of Education	Projects vary depending on the conditions, safety, security, and utility requirements. The Comprehensive Maintenance Plan outlines specific projects over the next five years. Projects include improved lighting, sidewalk replacements, paving repairs, flooring repairs, door replacement, large painting projects, locker replacement, interior renovations, and security system installations. Projects are targeted to reduce deferred maintenance.	958,000	-
Renovation and Expansion of the Central Library	Acquire land, demolish buildings, relocate public utilities and construct surface parking lot. Renovate existing library and construct an expansion for a total building square footage of 84,357 square feet.	8,232,800	186,861

Project Name	Project Description	Project Budget	Operating Impact
Ruth Ann Monroe Primary (New School)	New school construction of an 81,000 square foot primary school building to house pre-kindergarten through second grade. The school will be sistered with Eastern Elementary which will house third through fifth grade. Provisions have been made in this budget request to include an expanded gymnasium in partnership with the Buildings, Grounds, and Parks Department.	\$4,886,700	\$ -
Bester Elementary (Replacement School)	Construct a new school to replace the existing Bester Elementary on the existing site. The new school is planned as a four-round school, increasing the student capacity of this school from 511 students to 608 students. Portions of the existing school building will be demolished to make room for appropriate drives and play fields. Provisions have been made within this budget request to include an expanded gymnasium for community use in partnership with the Buildings, Grounds, and Parks Department.	693,200	47,563
Arts and Sciences Complex	The Arts and Science Complex (ASC) is a two-phased project consisting of three buildings. Phase I is the construction of a new 63,000 square foot GSF Science, Technology, Engineering, and Mathematics (STEM) Building. Phase II of the ASC will renovate the current Science Building into the Leaning Center. This phase will also include the renovation of the current Classroom Building that will remain an academic building with classrooms, foreign language lab, and faculty offices.	1,781,000	397,988
Student Center and Campus Store	The College/Student Center currently houses student service functions such as the Bookstore, Food Service, meeting space, student activities, and student government. With the anticipated enrollment growth over the next several years, these spaces will need to be expanded to continue to provide these basic services.	482,200	6,853
Performing & Visual Arts Education Center	The purpose of this project is to renovate the Kepler Theater and add a Performing & Visual Arts Education Center. The project will be the last phase of the Arts & Sciences Complex. The project will expand the lobby to include a gallery and create an educational space for the performing and visual arts.	922,800	97,332
Bond Issuance Costs	Costs associated with the sale of bonds. The costs include fees for printing, financial advisor, bond counsel, discounts, and rating agency fees.	100,000	19,861
Financial System Management & Upgrades	Integrated financial system (general ledger, human resources, payroll, financials, purchasing, utility, and budget) is used for County-wide operations to process all financial, human resources, payroll, and purchasing functions for the County.	151,500	-

Project Name	Project Description	Project Budget	Operating Impact
Chiller Replacement, 100 W. Washington Street	Replace 40-ton chiller at 100 W. Washington Street that provides air conditioning to the first floor and basement offices. Project includes engineering, demolition, and removal of the existing unit, installation, and re-plumbing. Replace 2 - 40-ton chillers that provide air conditioning to the second and third floors. Project includes engineering, demolition, and removal of existing units, installation, and re-plumbing.	\$ 40,000	\$ -
Air Conditioning System – County Office Building	First year of a two year phase that will replace 120-ton chiller located in the basement that provides air conditioning to the first, second, and third floors. Project includes engineering, demolition, and removal of existing unit, installation, and re-plumbing.	40,600	-
Information Systems Replacement Program	Funding set aside for software and hardware development to improve the efficiencies and streamline government operations.	50,500	-
Senior Community Center	Construction of Senior Community Center to provide focal point for services for senior adults in Washington County in order to maintain independence and quality of life. Centers offer information and assistance, health education, wellness/fitness opportunities, resource counseling, meals, socialization, recreation, and civic engagement.	2,233,100	419,828
Demolition of Structures on Various County Properties	Washington County has acquired properties at various locations in the County for future capital improvements. These properties have associated buildings/structures that are expected to be demolished for upcoming County projects.	30,000	-
Rural Heritage Transportation Museum	The project consists of construction of a 60 foot x 120 foot building to house the Rural Heritage Transportation Museum.	350,000	700
Communications System Narrowbanding	Software and hardware upgrades and possible construction of a new public safety communications site. The extent of this project has not been fully determined at this point.	50,000	-
Public Safety Fleet Replacement Program	Replacement of public safety fleet inventory. Replacement would focus on such factors as age, mileage, repair history, etc. Review and recommendation of existing replacement policy would be done on vehicles considering funding levels that exist. Recommend review by committee and compare with other government operations, policies, and practice.	186,600	-

Project Name	Project Description	Project Budget	Operating Impact
Equipment Replacement Program	Replacement of heavy and specialized equipment for maintenance and construction activity. Replacement would focus on such factors as age, mileage, hours, repair history, etc. Review and recommendation of existing replacement of policy would be done on both vehicles and heavy equipment considering funding levels that exist. Recommend review by committee and compare with other government operations, policy, and practice.	\$ 410,900	\$ -
Pavement Maintenance and Rehabilitation	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.	3,000,000	449,805
Robinwood Corridor II	Widen Robinwood Drive to four lanes between Medical Campus Drive and Hagerstown Community College (approximately 5,800 feet). New road section will consist of two 12 foot wide lanes in each direction with a raised grassed median and closed storm drain system. This proposed section will terminate at the intersection of HCC campus. To accommodate the proposed section at this intersection, a new traffic signal will be required.	436,300	15,700
Shawley Drive	Project involves the relocation of the northern most end of Shawley Drive between Label Lane and Maugans Avenue, so that it aligns with Oliver Drive and is removed from close proximity to the ramps from and onto I-81. The road will be a two lane open section roadway.	1,093,200	85,816
Eastern Boulevard Widening Phase I	Widen Eastern Boulevard from MD Rt. 64 (Jefferson Boulevard) to Security Road from the existing 2 lane roadway to a 4 lane divided roadway. Including drainage improvements, and traffic signal modifications.	2,686,600	379,571
Garis Shop/Poffenberger Roundabout	Realign the intersection of Garis Shop Road/Poffenberger Road and Alternate 40. Project involves the construction of a traffic roundabout at the intersection of Garis Shop Road and Poffenberger Road.	909,600	78,861

Project Name	Project Description	Project Budget	Operating Impact
Transportation ADA	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.	\$ 92,200	\$ -
Eastern Boulevard at Antietam Drive Intersection Improvement	Intersection improvements at Antietam Drive. This project will connect the Eastern Boulevard Widening Phase II project with the Eastern Boulevard Extended project. Two intersection configurations are being evaluated at this location, a traditional four-legged signalized intersection and a roundabout intersection.	202,000	18,024
Yale Drive – Phase II	Project involves the expansion of Yale Drive Extended – Phase I (Project RDI053) from a 2 lane road to a 4 lane roadway with a grassy median. Road length is approximately 4,600 linear feet.	600,000	-
Crayton Boulevard Signal	Install a traffic signal at the intersection of Crayton Boulevard and Maugans Avenue. New poles for traffic signals will utilize concrete foundations already in place.	140,000	-
Contingency – Solid Waste	A budgetary reserve to provide for emergency of unanticipated expenditures.	50,500	-
Leachate Pump Station and Force Main	Design and construct a landfill leachate pump station and approximately 2,100 foot of force main to discharge leachate into the domestic wastewater transmission lines from the Forty West Landfill and possibly the former City/County Landfill. This project is contingent upon completion of the wastewater transmission system to be constructed by private developers (Powers Estates) and the Cedar Springs Pump Station. Other expenses are for construction, management, and inspection services.	697,300	54,738
Hancock Landfill – Gas Flares	Replace gas vents with gas flares at the Hancock Landfill.	195,800	21,933
City/County Leachate Upgrades	Upgrade the existing leachate pump stations and storage tanks at the City/County Landfill. Inspection of the existing leachate conveyance and storage system by County Division of Environmental Management staff concluded the system has exceeded its useful operational life, and requires upgrade and replacement.	587,800	46,142
Vehicle Preventative Maintenance	Funding source to use for preventative maintenance and repairs of transit vehicles and facilities.	151,500	-
Contingency – Utility Administration	A budgetary reserve to provide for emergency of unanticipated expenditures.	25,500	-

Project Name	Project Description	Project Budget	Operating Impact
Contingency - Sewer	A budgetary reserve to provide for emergency of unanticipated expenditures.	\$ 51,000	\$ -
Winebrenner Wastewater Treatment Plant Upgrade	Upgrade facility to comply with Maryland Department of the Environment's (MDE) Enhanced Nutrient Removal (ENR) strategy and improve operational efficiency.	10,757,100	516,750
Wright Road Sewer Force Main Rehabilitation Project	The existing force main has become exposed to the surface due to erosion caused by storm flow in the stream. The Department is proposing to encase the exposed section in concrete which will prevent further erosion and potential damage to the pipe and the environment. This method of correction has been discussed with MDE staff.	150,000	11,775
Contingency – Water	A budgetary reserve to provide for emergency of unanticipated expenditures.	25,500	-
Highfield Water System	Rehabilitation of the existing water treatment plants to meet future MDE permit requirements and extend life of the facility.	176,800	-
General Water Treatment Plant Improvements	General upgrades to Water Treatment Plants including electrical systems and equipment.	50,500	-
Brookfield Avenue Drainage	This project is located at the end of Brookfield Avenue (ADC Map 20, Grid B-4). Provide channel and culvert improvements to correct road and property flooding.	94,900	-
		\$49,461,200	\$2,913,939

Operating Impact of Capital Improvement Projects

The operating impact of capital projects are reviewed and considered during the CIP 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. Departmental staff plans, 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 represents personnel, equipment maintenance, building maintenance, debt service, 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 2012 is approximately \$20.7 million.

The six-year operating budget impact forecasts for individual projects approved in the fiscal year 2012 Capital Budget are presented in the project detail schedule located in the next section. Operating cost include personnel, supplies, maintenance, debt service, and other major operational costs.

The summarized table below presents a six-year summary forecast of capital project impact on the operating budget, by category, for fiscal years 2012 to 2017.

Six-year Capital Improvement Plan Estimated Operating Impact						
Project Category	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Airport	\$ 400	\$ 400	\$ 15,400	\$ 15,400	\$ 15,400	\$ 15,400
Bridges	57,838	125,018	125,018	125,018	125,018	201,398
Drainage	0	0	0	0	59,009	59,009
Education	736,597	1,727,192	2,401,861	2,846,729	3,613,241	3,820,521
General Government/Parks	440,389	440,389	478,239	486,089	493,989	501,839
Public Safety	0	0	0	0	99,075	218,387
Railroad Crossings	0	22,820	93,015	93,015	93,015	93,015
Road Improvement	1,337,550	1,987,531	2,626,050	3,490,837	4,378,500	5,271,029
Solid Waste	122,813	158,023	160,143	306,364	282,291	299,087
Transit	0	1,000	0	1,000	0	1,000
Water Quality	561,924	1,074,684	1,619,389	1,867,627	1,967,396	1,888,227
Total	\$ 3,257,511	\$ 5,537,057	\$ 7,519,115	\$ 9,232,079	\$ 11,126,934	\$ 12,368,912

Combined Statement of Revenues, Expenditures, and Changes in Undesignated Fund Balance
Summary By Year – Capital Improvement Fund

Description	<i>Fiscal Year</i>		
	2010 Actual	2011 Budget	2012 Budget

Revenue (By Major Type):

Fees	\$ 3,740,269	\$ 2,885,300	\$ 988,400
Grants	8,426,506	22,540,500	18,482,600
Other	206,351	5,219,700	4,158,100
Bonds	18,898,841	16,654,300	21,177,800
Subtotal	31,271,967	47,299,800	44,806,900
Transfers	12,402,488	5,381,700	4,380,000
Capital Reserves		1,571,000	2,205,500
Total Revenue	43,674,455	54,252,500	51,392,400

Expenditures (By Function):

Education	11,369,814	28,623,100	17,956,700
Public Safety	6,045,676	229,500	236,600
Court System	57,811	0	0
General Government	477,820	3,432,600	2,645,700
Parks and Recreation	201,277	0	350,000
Water Quality	1,444,624	1,738,100	11,236,400
Roads/Infrastructure	9,189,377	14,021,900	15,837,300
Solid Waste	2,417,057	5,346,300	1,531,400
Transit System	951,919	418,000	151,500
Airport	2,907,148	408,000	1,446,800
Golf Course	63,377	35,000	0
Total Expenditures	35,125,900	54,252,500	51,392,400

Increase (Decrease) in Fund Balance	8,548,555	0	0
GAAP Basis Adjustments	-6,768,908	0	0
Beginning Fund Balance/Net Equity	83,800,181	85,579,828	85,579,828
Ending Fund Balance/Net Equity	\$ 85,579,828	\$ 85,579,828	\$ 85,579,828

Detail Project List by Type



Projects by
Year & Type

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Project	Total	Prior Appr.	Budget Year		Five Year Capital Program			
			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Cash Requirements								
Airport								
Capital Equipment - Airport	2,035,600	0	569,300	765,100	123,600	234,100	152,400	191,100
Proposed Taxiway S	1,576,500	0	0	0	0	0	1,576,500	0
Land Acquisition - Airport	4,183,200	0	0	0	0	2,081,200	2,102,000	0
Terminal Modifications	2,802,800	0	252,500	2,550,300	0	0	0	0
Runway 9 MALSR	1,576,500	0	0	0	0	0	1,576,500	0
Northwest Quadrant Site Preparation	400,000	0	400,000	0	0	0	0	0
Fuel Tank and Pumping System Upgrades	75,000	0	75,000	0	0	0	0	0
Air Traffic Control Tower Siting Study	156,100	0	0	0	0	0	156,100	0
Airport Layout Plan Update	150,000	0	150,000	0	0	0	0	0
Airport Total	12,955,700	0	1,446,800	3,315,400	123,600	2,315,300	5,563,500	191,100
Bridges								
Marble Quarry Road Bridge W6083	1,393,700	1,313,700	80,000	0	0	0	0	0
Hopewell Road Culvert 02/01	294,600	0	0	5,100	289,500	0	0	0
Coffman Farms Road Bridge W6371	909,700	144,100	765,600	0	0	0	0	0
Bridge Inspection & Inventory	350,000	0	171,700	0	20,600	0	157,700	0
Dogstreet Road Bridge W5932P	1,022,200	166,400	0	855,800	0	0	0	0
Old Forge Road Bridge W2382	1,439,800	140,900	1,298,900	0	0	0	0	0
Burnside Bridge Road Culvert 01/02	612,900	562,400	50,500	0	0	0	0	0
Leiters Mill Road Bridge W2292	1,161,300	135,700	70,800	954,800	0	0	0	0
Garis Shop Road Bridge W4021	1,518,300	135,700	70,800	1,311,800	0	0	0	0
Poffenberger Road Bridge W4011	691,200	0	156,600	534,600	0	0	0	0
Poffenberger Road Bridge W4012	1,315,900	0	207,100	1,108,800	0	0	0	0
Locust Grove Road Culvert 08/03	311,300	25,500	285,800	0	0	0	0	0
Beaver Creek Road Culvert 16/01	253,800	25,500	228,300	0	0	0	0	0
Hopewell Road Culvert 02/02	229,700	0	0	10,200	219,500	0	0	0
Mt. Lena Road Culvert 16/05	255,900	0	15,200	240,700	0	0	0	0
Trego Road Culvert 08/06	283,200	0	37,400	245,800	0	0	0	0
Benevola Newcomer Road Culvert 06/04	215,200	0	215,200	0	0	0	0	0
Mousetown Road Culvert 06/02	255,600	0	0	0	16,300	239,300	0	0
Keedysville Road Bridge W5651	1,458,000	0	0	204,000	5,200	1,248,800	0	0
Crystal Falls Drive Bridge W3051	1,248,900	0	0	255,000	52,100	941,800	0	0
Catholic Church Road Bridge 15/02	153,000	0	0	0	2,100	150,900	0	0
Newcomer Road Bridge 14/02	179,000	0	0	0	2,100	176,900	0	0
Wright Road Culvert 02/06	182,300	0	0	2,000	180,300	0	0	0
Sprecher Road Bridge W5661	248,400	0	0	0	248,400	0	0	0
Sprecher Road Bridge W5662	258,700	0	0	0	258,700	0	0	0
Rinehart Road Culvert 14/03	313,200	0	0	0	0	0	0	313,200
Kretsinger Road Culvert 14/01	297,300	0	0	0	0	0	0	297,300
Frog Eye Road Culvert 11/06	548,400	0	0	0	0	0	0	548,400
Cleaning and Painting of Steel Bridges	424,600	0	0	0	0	0	0	424,600
Wright Road Culvert 02/05	226,800	0	0	0	226,800	0	0	0
Bridge Scour Repairs	210,200	0	0	0	0	0	210,200	0
Bridges Total	18,263,100	2,649,900	3,653,900	5,728,600	1,521,600	2,757,700	367,900	1,583,500
Drainage								
Interstate Industrial Park Stormwater Management	1,821,400	0	0	0	0	0	972,200	849,200
Charles Mill Road Culvert	131,300	0	131,300	0	0	0	0	0
Trego Road Culvert, 4000 Block	186,700	0	11,200	175,500	0	0	0	0
Maugansville Road Culvert	225,000	0	0	0	0	0	225,000	0
Stream Restoration at Various Locations	944,700	40,800	404,000	0	41,200	416,200	0	42,500
Broadfording Road Culvert, 16500 Block	244,700	0	0	244,700	0	0	0	0
York Road Drainage Improvements	117,200	0	0	0	0	117,200	0	0
Brookfield Avenue Drainage	94,900	0	94,900	0	0	0	0	0
Kilarney Drive Culvert	40,000	0	40,000	0	0	0	0	0
Trego Mountain Road Culverts	295,800	0	0	0	295,800	0	0	0
Drainage Total	4,101,700	40,800	681,400	420,200	337,000	533,400	1,197,200	891,700

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Project	Total	Prior Appr.	Budget Year		Five Year Capital Program				
			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	
<u>Education</u>									
Board of Education									
Relocatable Classrooms	1,566,200	0	0	102,000	360,600	364,200	367,900	371,500	
Capital Maintenance - BOE	5,458,000	0	958,000	900,000	900,000	900,000	900,000	900,000	
Ruth Ann Monroe Primary (New School)	24,963,800	16,768,000	4,886,700	3,309,100	0	0	0	0	
East City High (New School)	8,991,400	0	0	0	0	0	3,153,000	5,838,400	
Bester Elementary (Replacement School)	22,446,000	0	693,200	11,388,500	9,031,300	1,333,000	0	0	
South County Elementary School - Phase I	18,791,300	0	0	0	1,545,500	9,807,700	6,142,000	1,296,100	
Board of Education Total	82,216,700	16,768,000	6,537,900	15,699,600	11,837,400	12,404,900	10,562,900	8,406,000	
Hagerstown Community College									
Arts and Sciences Complex	32,034,100	30,253,100	1,781,000	0	0	0	0	0	
Campus Operations Building	629,900	0	0	0	0	0	0	629,900	
Student Center and Campus Store	8,020,400	0	482,200	0	0	1,862,900	5,675,300	0	
Learning Resource Center Renovation	4,907,100	0	0	0	0	0	313,200	4,593,900	
Performing & Visual Arts Education Center	10,044,300	9,121,500	922,800	0	0	0	0	0	
Police, Fire and Emergency Services Training Facility	638,200	0	0	0	0	0	0	638,200	
Hagerstown Community College Total	56,274,000	39,374,600	3,186,000	0	0	1,862,900	5,988,500	5,862,000	
Public Libraries									
Renovation and Expansion of the Central Library	23,595,200	15,362,400	8,232,800	0	0	0	0	0	
Systemic Projects - Library	131,600	0	0	16,400	20,200	24,000	31,700	39,300	
Public Libraries Total	23,726,800	15,362,400	8,232,800	16,400	20,200	24,000	31,700	39,300	
Education Total	162,217,500	71,505,000	17,956,700	15,716,000	11,857,600	14,291,800	16,583,100	14,307,300	
<u>General Government</u>									
Budget & Finance:									
Contingency - General Fund	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000	
Bond Issuance Costs	653,000	153,000	100,000	0	100,000	100,000	100,000	100,000	
Financial System Management & Upgrades	388,500	0	151,500	0	237,000	0	0	0	
Budget & Finance Total	3,541,500	153,000	251,500	500,000	837,000	600,000	600,000	600,000	
Bldgs., Grounds & Parks									
Chiller Replacement, 100 W. Washington Street	221,100	70,000	40,000	111,100	0	0	0	0	
Air Conditioning System - County Office Bldg	327,600	155,700	40,600	131,300	0	0	0	0	
Bldgs., Grounds & Parks Total	548,700	225,700	80,600	242,400	0	0	0	0	
Commission on Aging									
Senior Community Center	5,848,700	3,615,600	2,233,100	0	0	0	0	0	
Commission on Aging Total	5,848,700	3,615,600	2,233,100	0	0	0	0	0	
Information Technology									
Information Systems Replacement Program	619,700	0	50,500	112,100	118,200	124,300	130,700	83,900	
Information Technology Total	619,700	0	50,500	112,100	118,200	124,300	130,700	83,900	
Planning									
Accela Software Upgrade	250,000	0	0	0	250,000	0	0	0	
Planning Total	250,000	0	0	0	250,000	0	0	0	
Public Works - Capital Projects									
Demolition of Structures on Various County Properties	60,300	0	30,000	30,300	0	0	0	0	
Public Works - Capital Projects Total	60,300	0	30,000	30,300	0	0	0	0	
General Government Total	10,868,900	3,994,300	2,645,700	884,800	1,205,200	724,300	730,700	683,900	
<u>Parks & Recreation</u>									
Rural Heritage Transportation Museum	350,000	0	350,000	0	0	0	0	0	
Parks & Recreation Total	350,000	0	350,000	0	0	0	0	0	

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Project	Total	Prior Appr.	Budget Year		Five Year Capital Program			
			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
<u>Public Safety</u>								
Communication Maintenance								
Communications System Narrowbanding	403,000	0	50,000	316,000	37,000	0	0	0
Communication Maintenance Total	403,000	0	50,000	316,000	37,000	0	0	0
Detention								
Phase 2 - Detention Center Expansion	2,959,600	0	0	0	0	0	1,366,300	1,593,300
Detention Total	2,959,600	0	0	0	0	0	1,366,300	1,593,300
Patrol								
Public Safety Fleet Replacement Program	276,400	0	186,600	0	89,800	0	0	0
Patrol Total	276,400	0	186,600	0	89,800	0	0	0
Public Safety Total	3,639,000	0	236,600	316,000	126,800	0	1,366,300	1,593,300
<u>Railroad Crossings</u>								
Trovinger Mill Road	373,600	50,100	0	0	323,500	0	0	0
Little Antietam Road	313,800	0	0	40,800	273,000	0	0	0
Mondell Road	519,400	0	0	290,700	228,700	0	0	0
Taylor's Landing Road	357,300	0	0	15,300	342,000	0	0	0
Railroad Crossings Total	1,564,100	50,100	0	346,800	1,167,200	0	0	0
<u>Road Improvement</u>								
Highways								
Equipment Replacement Program	560,900	0	410,900	0	150,000	0	0	0
Highways Total	560,900	0	410,900	0	150,000	0	0	0
Public Works - Capital Projects								
Pavement Maintenance and Rehabilitation Program	28,390,160	5,510,860	3,000,000	3,237,100	3,527,000	4,208,500	4,797,700	4,109,000
Robinwood Corridor II	9,651,500	7,376,300	436,300	1,838,900	0	0	0	0
Robinwood North	3,490,573	462,473	0	142,900	257,600	260,200	1,051,000	1,316,400
Longmeadow Road	9,394,200	60,000	0	0	0	3,522,100	2,627,500	3,184,600
Eastern Boulevard Extended	7,900,750	260,250	0	0	0	676,400	1,051,000	5,913,100
Shawley Drive	2,662,600	20,000	1,093,200	1,549,400	0	0	0	0
Southern Boulevard I	8,311,300	6,023,100	0	357,000	0	0	0	0
E. Oak Ridge Drive/South Pointe Signal	316,900	0	0	0	46,400	270,500	0	0
Eastern Boulevard Widening Phase I	7,238,100	4,551,500	2,686,600	0	0	0	0	0
Eastern Boulevard Widening Phase II	8,060,400	500,000	0	141,300	475,500	2,890,900	4,052,700	0
Underpass Way and Railway Lane Roundabout	1,124,300	0	0	377,400	746,900	0	0	0
Garis Shop/Poffenberger Roundabout	1,304,600	395,000	909,600	0	0	0	0	0
Transportation ADA	614,500	74,700	92,200	91,300	90,500	89,500	88,600	87,700
Halfway Boulevard Extended II	265,400	0	0	0	0	0	0	265,400
Eastern Boulevard at Antietam Drive Intersection Improvement	3,318,400	300,000	202,000	0	1,401,200	1,415,200	0	0
Yale Drive Extended - Phase II	3,090,350	656,640	600,000	802,860	1,030,850	0	0	0
Yale Drive - Phase I	6,274,350	2,551,360	0	1,630,040	2,092,950	0	0	0
MD Route 144 and Western MD Parkway Roundabout	604,100	0	0	0	0	20,600	260,200	323,300
Crayton Boulevard Signal	140,000	0	140,000	0	0	0	0	0
Public Works - Capital Projects Total	100,221,283	28,742,183	9,159,900	10,168,200	9,668,900	13,353,900	13,928,700	15,199,500
Road Improvement Total	100,782,183	28,742,183	9,570,800	10,168,200	9,818,900	13,353,900	13,928,700	15,199,500
<u>Solid Waste</u>								
Contingency - Solid Waste	361,700	51,000	50,500	51,000	51,500	52,000	52,600	53,100
Leachate Pump Station and Force Main	1,274,700	577,400	697,300	0	0	0	0	0
Close Out Cap - Rubble Fill	1,914,500	81,400	0	0	0	1,833,100	0	0
Cell 5	212,300	0	0	0	0	0	0	212,300
Hancock Landfill - Gas Flares	279,400	83,600	195,800	0	0	0	0	0
E-Cycling Building	142,800	0	0	142,800	0	0	0	0
City/County Leachate Upgrades	587,800	0	587,800	0	0	0	0	0
Solid Waste Total	4,773,200	793,400	1,531,400	193,800	51,500	1,885,100	52,600	265,400

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Project	Total	Prior Appr.	Budget Year		Five Year Capital Program			
			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
<u>Transit</u>								
Transit Buses	929,700	418,000	0	511,700	0	0	0	0
Transit System Bus Shelters	467,913	260,813	0	102,000	0	0	105,100	0
Vehicle Preventative Maintenance	728,810	135,010	151,500	76,500	80,400	86,200	94,200	105,000
Transit Total	2,126,423	813,823	151,500	690,200	80,400	86,200	199,300	105,000
<u>Water Quality</u>								
Utility Administration								
Contingency - Utility Admin	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
General Building Improvements	102,000	0	0	102,000	0	0	0	0
Utility Administration Total	288,400	25,500	25,500	128,000	26,500	27,100	27,600	28,200
Wastewater Utility								
Contingency - Sewer	372,700	51,000	51,000	52,000	53,100	54,100	55,200	56,300
Smithsburg Wastewater Treatment Plant - Facility Improvements	15,110,130	806,670	0	4,398,260	9,905,200	0	0	0
Pump Station Upgrades - Various Stations	1,832,700	50,000	0	0	206,100	520,300	525,500	530,800
Winebrenner Wastewater Treatment Plant Upgrade	15,738,200	1,143,700	10,757,100	3,837,400	0	0	0	0
Replace PO 2 Pump Station	1,273,700	0	0	0	0	1,273,700	0	0
Potomac Edison Pump Station and Force Main Relocation	1,456,700	0	0	1,456,700	0	0	0	0
Antietam Wastewater Treatment Plant - Facility Improvements	1,105,500	70,000	0	0	515,200	520,300	0	0
Roof replacement at Conococheague WwTP	210,200	0	0	0	0	0	210,200	0
General WwTP Improvements	315,300	0	0	0	0	0	315,300	0
Wright Road Sewer Force Main Rehabilitation Project	150,000	0	150,000	0	0	0	0	0
Wastewater Utility Total	37,565,130	2,121,370	10,958,100	9,744,360	10,679,600	2,368,400	1,106,200	587,100
Water Utility								
Contingency - Water	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
Highfield Water System	176,800	0	176,800	0	0	0	0	0
WQ Distribution System Water Main and Meter Replacement	627,600	0	0	102,000	103,000	104,100	0	318,500
General Water Treatment Plant Improvements	153,000	0	50,500	51,000	51,500	0	0	0
Elk Ridge Water System Improvements	105,100	0	0	0	0	0	105,100	0
Water Utility Total	1,248,900	25,500	252,800	179,000	181,000	131,200	132,700	346,700
Water Quality Total	39,102,430	2,172,370	11,236,400	10,051,360	10,887,100	2,526,700	1,266,500	962,000
TOTAL	360,744,236	110,761,876	49,461,200	47,831,360	37,176,900	38,474,400	41,255,800	35,782,700
Funding Source - All Projects								
General Fund	49,691,974	22,224,974	2,715,000	4,798,000	4,842,400	4,939,800	5,037,200	5,134,600
Solid Waste Fund	957,500	646,800	50,500	51,000	51,500	52,000	52,600	53,100
Utility Admin Fund	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
Water Fund	441,200	25,500	177,800	77,000	78,000	27,100	27,600	28,200
Sewer Fund	1,905,900	735,600	899,600	52,000	53,100	54,100	55,200	56,300
Airport Fund	75,000	0	75,000	0	0	0	0	0
Tax Supported Bond	101,528,951	15,460,151	12,068,800	14,000,000	15,000,000	15,000,000	15,000,000	15,000,000
Self Supported Bond	25,857,930	425,470	7,177,800	6,674,760	6,384,400	2,977,800	1,156,100	1,061,600
Transfer Tax	10,811,373	6,211,373	800,000	0	0	1,200,000	1,300,000	1,300,000
Excise Tax - Schools	8,452,500	3,348,200	0	1,150,000	708,300	841,600	1,108,300	1,296,100
Excise Tax - Roads	2,293,000	1,019,400	141,300	141,300	174,100	206,800	272,300	337,800
Excise Tax - Other	323,300	47,300	30,700	30,700	37,000	0	104,200	73,400
Excise Tax - Library	531,154	383,154	16,400	16,400	20,200	24,000	31,700	39,300
Excise Tax - Non-Residential	2,840,000	1,415,000	0	85,000	185,000	285,000	385,000	485,000
APFO Fees - Roads	84,099	84,099	0	0	0	0	0	0
Capital Reserve - General	14,704,740	11,080,340	1,903,000	1,471,400	250,000	0	0	0
Capital Reserve - Airport	200,000	0	200,000	0	0	0	0	0
Federal Grant	24,165,608	3,460,108	3,954,500	7,272,500	178,300	3,922,800	5,122,400	255,000
State Grant	102,074,907	38,649,207	15,067,200	10,719,600	9,188,100	7,642,600	10,930,100	9,878,100
Contributions	13,618,700	5,519,700	4,158,100	1,265,700	0	1,273,700	645,500	756,000
TOTAL	360,744,236	110,761,876	49,461,200	47,831,360	37,176,900	38,474,400	41,255,800	35,782,700

Airport



Airport

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	Five Year Capital Program			
						FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>Airport</u>								
44	Capital Equipment - Airport	2,035,600	0	569,300	765,100	123,600	234,100	152,400	191,100
45	Proposed Taxiway S	1,576,500	0	0	0	0	0	1,576,500	0
46	Land Acquisition - Airport	4,183,200	0	0	0	0	2,081,200	2,102,000	0
47	Terminal Modifications	2,802,800	0	252,500	2,550,300	0	0	0	0
48	Runway 9 MALSR	1,576,500	0	0	0	0	0	1,576,500	0
49	Northwest Quadrant Site Preparation	400,000	0	400,000	0	0	0	0	0
50	Fuel Tank and Pumping System Upgrades	75,000	0	75,000	0	0	0	0	0
51	Air Traffic Control Tower Siting Study	156,100	0	0	0	0	0	156,100	0
52	Airport Layout Plan Update	150,000	0	150,000	0	0	0	0	0
	Airport Total	12,955,700	0	1,446,800	3,315,400	123,600	2,315,300	5,563,500	191,100
	Funding Source - All Projects								
	General Fund	803,400	0	21,000	146,600	6,600	145,900	467,700	15,600
	Airport Fund	75,000	0	75,000	0	0	0	0	0
	Capital Reserve - Airport	200,000	0	200,000	0	0	0	0	0
	Federal Grant	11,571,300	0	1,126,300	3,087,500	114,000	2,113,800	4,958,700	171,000
	State Grant	306,000	0	24,500	81,300	3,000	55,600	137,100	4,500
	TOTAL	12,955,700	0	1,446,800	3,315,400	123,600	2,315,300	5,563,500	191,100

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Project Title and Location:	Project Number: 139
Capital Equipment - Airport	
Account Number:	EQP031
Description:	
2012 - Replace 1985, 1500 ton per hour snow blower that has reached the end of its useful life. Purchase of new equipment, boom bank flail mower for maintenance of SWM ponds and steep grades around the airport. 2013 - Replace airport crash truck (AP14). Existing equipment has reached the end of its useful life. 2014 - Replace airfield grounds maintenance equipment (MWR 4). Existing equipment has reached the end of its useful life. 2015 - Replace airfield maintenance equipment (AP 11) runway vac/sweep truck. Existing equipment has reached the end of its useful life. 2016 - Replace turf maintenance equipment (MWR 1, 7, 8). Existing equipment has reached the end of its useful life. 2017 - Replace snow removal equipment, rubber tire loader (LDR 2). Existing equipment has reached the end of its useful life. 2018 - Replace snow removal equipment, pickup trucks (AP 1, 2) 2020 - Replace 2000, 3500 ton per hour snow blower that has reached the end of its useful life.	
Assumption:	
95% Federal funding 2.5% State funding 2.5% Local funding	
Justification:	
Snow removal equipment and sweeper truck will be replaced in accordance with the Airport's FAA approved Snow and Ice Control Plan. Purchase of grounds maintenance equipment (boom bank flail mower) is in accordance with the Airport's FAA approved Wildlife Management Plan. Pending grant funding approval.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			400	400	400	400	400	400
Gross Operating Cost			400	400	400	400	400	400
Net Operating Cost			400	400	400	400	400	400

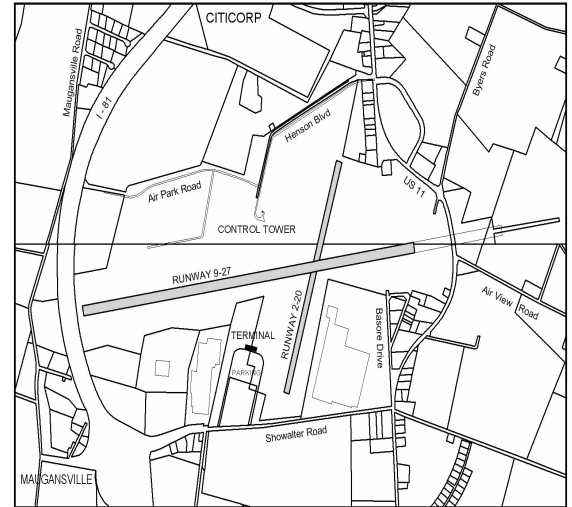
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Equipment/Furniture	2,035,600	0	569,300	765,100	123,600	234,100	152,400	191,100
Total Cost	2,035,600	0	569,300	765,100	123,600	234,100	152,400	191,100

Funding Schedule:

Federal Grant	1,895,400	0	546,300	712,500	114,000	213,800	137,800	171,000
General Fund	90,300	0	8,600	33,800	6,600	14,700	11,000	15,600
State Grant	49,900	0	14,400	18,800	3,000	5,600	3,600	4,500
Total Funding	2,035,600	0	569,300	765,100	123,600	234,100	152,400	191,100

Project Title and Location:	Project Number:	143
Proposed Taxiway S		
Account Number:		
Description:		
Design and construction of new taxiway to connect Runway 27 run-up area to lands north of airport.		
Assumption:		
Justification:		
Land is identified for future development for the airport. A connector taxiway is required to provide access to that land. Pending grant funding approval.		

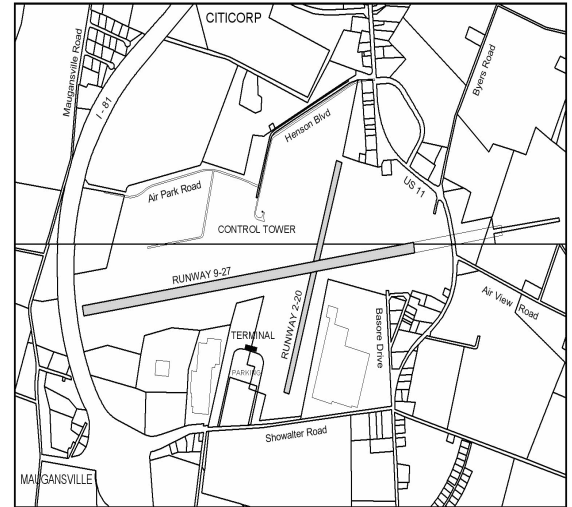


Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,261,200	0	0	0	0	0	1,261,200	0
Engineering/Design	315,300	0	0	0	0	0	315,300	0
Total Cost	1,576,500	0	0	0	0	0	1,576,500	0

Federal Grant	1,492,100	0	0	0	0	1,492,100	0
General Fund	42,200	0	0	0	0	42,200	0
State Grant	42,200	0	0	0	0	42,200	0
Total Funding	1,576,500	0	0	0	0	1,576,500	0

Project Title and Location:	Project Number: 930
Land Acquisition - Airport	
Account Number:	
Description:	
Land acquisition to promote future economic development of the Airport.	
Assumption:	
Pending 95% FAA grant funding Pending 2.5% Maryland Aviation Administration funding 2.5% County share	
Justification:	
The new Airport Layout Plan will identify land recommended to be acquired to enhance future development of the Airport. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

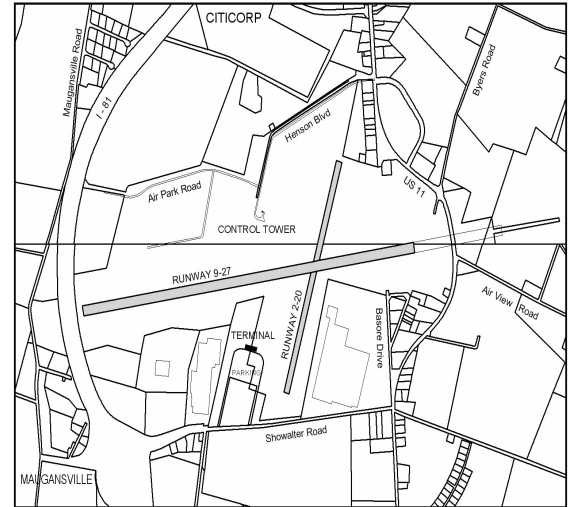
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Land Acquisition	4,183,200	0	0	0	0	2,081,200	2,102,000	0
Total Cost	4,183,200	0	0	0	0	2,081,200	2,102,000	0

Funding Schedule:

Federal Grant	3,800,000	0	0	0	0	1,900,000	1,900,000	0
General Fund	283,200	0	0	0	0	131,200	152,000	0
State Grant	100,000	0	0	0	0	50,000	50,000	0
Total Funding	4,183,200	0	0	0	0	2,081,200	2,102,000	0

Project Title and Location:	Project Number: 1,014
Terminal Modifications	
Account Number:	BLD067
Description:	
Hold room and baggage claim expansion; additional restrooms in hold room; relocation of existing administrative offices (approximately 5,000 sf addition to east end of terminal).	
Assumption:	
95% Federal Aviation Administration funding	
2.5% State funding	
2.5% Local funding	
Justification:	
The existing hold room and baggage claim area capacity are insufficient for the current airline passenger capacity. Best use of space is to modify existing administrative offices into additional holding area and baggage claim and relocate administrative offices. Project amount increased from FY2010 request due to engineer's consultation with airport staff to more adequately define needs and provide cost estimate on design and construction. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	15,000	15,000	15,000	15,000	15,000
Gross Operating Cost			0	15,000	15,000	15,000	15,000	15,000
Net Operating Cost			0	15,000	15,000	15,000	15,000	15,000

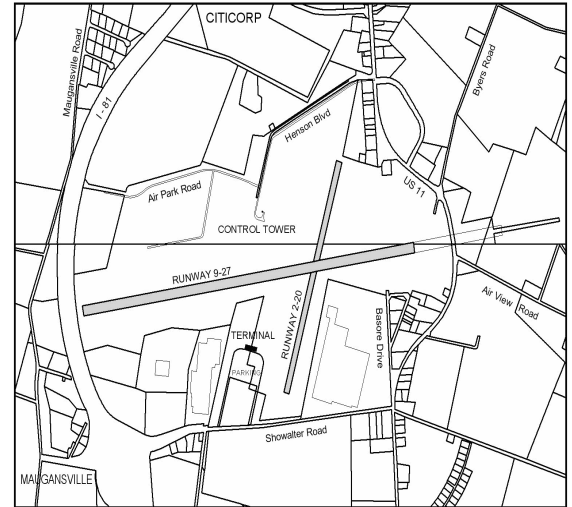
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	2,550,300	0	0	2,550,300	0	0	0	0
Engineering/Design	252,500	0	252,500	0	0	0	0	0
Total Cost	2,802,800	0	252,500	2,550,300	0	0	0	0

Funding Schedule:

Federal Grant	2,612,500	0	237,500	2,375,000	0	0	0	0
General Fund	121,500	0	8,700	112,800	0	0	0	0
State Grant	68,800	0	6,300	62,500	0	0	0	0
Total Funding	2,802,800	0	252,500	2,550,300	0	0	0	0

Project Title and Location:	Project Number: 1,070
Runway 9 MALSR	
Account Number:	
Description:	
Design, construct, and commission a medium-intensity approach lighting system with runway alignment indicator (MALSR) for Runway 9.	
Assumption:	
Pending FAA approval - 95% FAA, 2.5% State, 2.5% County	
Justification:	
The installation of a MALSR system for runway 9 provides for safety during flight (landing); lowers approach minimums, and increases the potential to increase flights during inclement weather. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

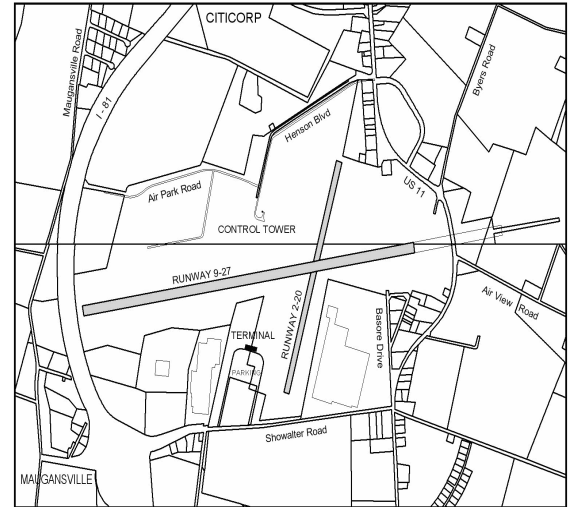
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,051,000	0	0	0	0	0	1,051,000	0
Engineering/Design	525,500	0	0	0	0	0	525,500	0
Total Cost	1,576,500	0	0	0	0	0	1,576,500	0

Funding Schedule:

Federal Grant	1,425,000	0	0	0	0	0	1,425,000	0
General Fund	114,000	0	0	0	0	0	114,000	0
State Grant	37,500	0	0	0	0	0	37,500	0
Total Funding	1,576,500	0	0	0	0	0	1,576,500	0

Project Title and Location:	Project Number: 1,101
Northwest Quadrant Site Preparation	
Account Number:	LDI039
Description:	
Site work (grading and drainage) in the northwest quadrant of the airfield to develop "pad-ready" sites for future development.	
Assumption:	
This is a 50/50 Grant. 50% County, 50% Appalachian Regional Commission (ARC).	
Justification:	
Pad-ready sites are necessary to promote the future development of the airport.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

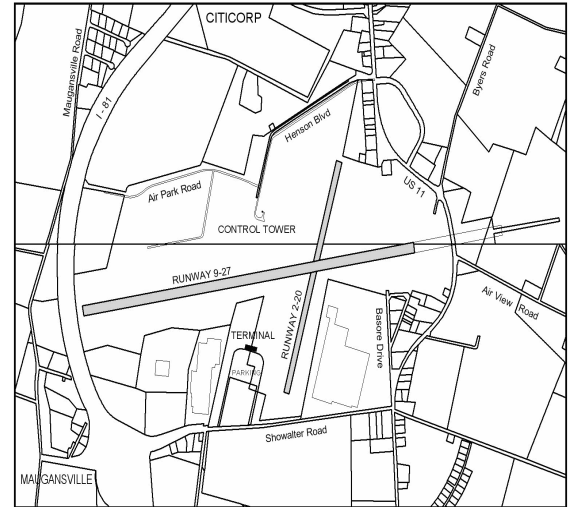
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	380,000	0	380,000	0	0	0	0	0
Engineering/Design	20,000	0	20,000	0	0	0	0	0
Total Cost	400,000	0	400,000	0	0	0	0	0

Funding Schedule:

Capital Reserve - Airport	200,000	0	200,000	0	0	0	0	0
Federal Grant	200,000	0	200,000	0	0	0	0	0
Total Funding	400,000	0	400,000	0	0	0	0	0

Project Title and Location: Fuel Tank and Pumping System Upgrades	Project Number: 1,102
Account Number: EQP041	
Description: Upgrade existing aviation gasoline storage tank to Jet A storage and combine pumping systems.	
Assumption: County funding required for this project.	
Justification: Upgrading of the aviation gas tank to Jet A allows additional flexibility in fuel sales on the airfield. Upgrades are necessary to sustain commercial passenger service from/to Hagerstown Regional Airport.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	75,000	0	75,000	0	0	0	0	0
Total Cost	75,000	0	75,000	0	0	0	0	0

Funding Schedule:

Airport Fund	75,000	0	75,000	0	0	0	0	0
Total Funding	75,000	0	75,000	0	0	0	0	0

Project Title and Location:	Project Number: 1,103
Air Traffic Control Tower Siting Study	
Account Number:	
Description:	
A siting study is required to determine the best location on the airfield for a replacement tower.	
 Assumption:	
Pending 95% FAA grant	
Pending 2.5% Maryland Aviation Administration grant	
2.5% County share	
 Justification:	
The airfield is in need of a new tower. Prior to any funding requests for the facility a siting study is required.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Planning	156,100	0	0	0	0	0	156,100	0
Total Cost	156,100	0	0	0	0	0	156,100	0

Funding Schedule:

Federal Grant	3,800	0	0	0	0	0	3,800	0
General Fund	148,500	0	0	0	0	0	148,500	0
State Grant	3,800	0	0	0	0	0	3,800	0
Total Funding	156,100	0	0	0	0	0	156,100	0

Project Title and Location:	Project Number: 1,105
Airport Layout Plan Update	
Account Number:	STY018
Description:	
Airport Layout Plan will be updated to include future development recommendations.	
Assumption:	
Pending 95% FAA grant funding Pending 2.5% Maryland Aviation Administration funding 2.5% County share	
Justification:	
FAA is now recommending updates to Airport Layout Plans as opposed to full Master Plan updates.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Planning	150,000	0	150,000	0	0	0	0	0
Total Cost	150,000	0	150,000	0	0	0	0	0

Funding Schedule:

Federal Grant	142,500	0	142,500	0	0	0	0	0
General Fund	3,700	0	3,700	0	0	0	0	0
State Grant	3,800	0	3,800	0	0	0	0	0
Total Funding	150,000	0	150,000	0	0	0	0	0

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Bridges



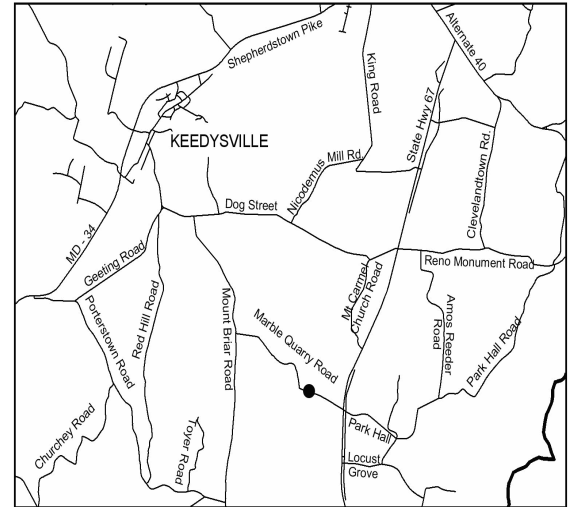
Bridges

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	Five Year Capital Program			
						FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>Bridges</u>								
56	Marble Quarry Road Bridge W6083	1,393,700	1,313,700	80,000	0	0	0	0	0
57	Hopewell Road Culvert 02/01	294,600	0	0	5,100	289,500	0	0	0
58	Coffman Farms Road Bridge W6371	909,700	144,100	765,600	0	0	0	0	0
59	Bridge Inspection & Inventory	350,000	0	171,700	0	20,600	0	157,700	0
60	Dogstreet Road Bridge W5932P	1,022,200	166,400	0	855,800	0	0	0	0
61	Old Forge Road Bridge W2382	1,439,800	140,900	1,298,900	0	0	0	0	0
62	Burnside Bridge Road Culvert 01/02	612,900	562,400	50,500	0	0	0	0	0
63	Leiters Mill Road Bridge W2292	1,161,300	135,700	70,800	954,800	0	0	0	0
64	Garis Shop Road Bridge W4021	1,518,300	135,700	70,800	1,311,800	0	0	0	0
65	Poffenberger Road Bridge W4011	691,200	0	156,600	534,600	0	0	0	0
66	Poffenberger Road Bridge W4012	1,315,900	0	207,100	1,108,800	0	0	0	0
67	Locust Grove Road Culvert 08/03	311,300	25,500	285,800	0	0	0	0	0
68	Beaver Creek Road Culvert 16/01	253,800	25,500	228,300	0	0	0	0	0
69	Hopewell Road Culvert 02/02	229,700	0	0	10,200	219,500	0	0	0
70	Mt. Lena Road Culvert 16/05	255,900	0	15,200	240,700	0	0	0	0
71	Trego Road Culvert 08/06	283,200	0	37,400	245,800	0	0	0	0
72	Benevola Newcomer Road Culvert 06/04	215,200	0	215,200	0	0	0	0	0
73	Mousetown Road Culvert 06/02	255,600	0	0	0	16,300	239,300	0	0
74	Keedysville Road Bridge W5651	1,458,000	0	0	204,000	5,200	1,248,800	0	0
75	Crystal Falls Drive Bridge W3051	1,248,900	0	0	255,000	52,100	941,800	0	0
76	Catholic Church Road Bridge 15/02	153,000	0	0	0	2,100	150,900	0	0
77	Newcomer Road Bridge 14/02	179,000	0	0	0	2,100	176,900	0	0
78	Wright Road Culvert 02/06	182,300	0	0	2,000	180,300	0	0	0
79	Sprecher Road Bridge W5661	248,400	0	0	0	248,400	0	0	0
80	Sprecher Road Bridge W5662	258,700	0	0	0	258,700	0	0	0
81	Rinehart Road Culvert 14/03	313,200	0	0	0	0	0	0	313,200
82	Kretsinger Road Culvert 14/01	297,300	0	0	0	0	0	0	297,300
83	Frog Eye Road Culvert 11/06	548,400	0	0	0	0	0	0	548,400
84	Cleaning and Painting of Steel Bridges	424,600	0	0	0	0	0	0	424,600
85	Wright Road Culvert 02/05	226,800	0	0	0	226,800	0	0	0
86	Bridge Scour Repairs	210,200	0	0	0	0	0	210,200	0
	Bridges Total	18,263,100	2,649,900	3,653,900	5,728,600	1,521,600	2,757,700	367,900	1,583,500
	Funding Source - All Projects								
	General Fund	6,511,300	636,400	1,107,500	1,249,700	1,521,600	1,017,700	367,900	610,500
	Tax Supported Bond	2,357,200	528,400	0	855,800	0	0	0	973,000
	Capital Reserve - General	439,400	0	439,400	0	0	0	0	0
	Federal Grant	8,955,200	1,485,100	2,107,000	3,623,100	0	1,740,000	0	0
	TOTAL	18,263,100	2,649,900	3,653,900	5,728,600	1,521,600	2,757,700	367,900	1,583,500

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Project Title and Location:	Project Number: 33
Marble Quarry Road Bridge W6083	
Account Number:	BRG024
Description:	
This bridge is located in the 19900 block of Marble Quarry Road (ADC Map 32, Grid A-13). Replace deteriorated single lane concrete bridge. Structure is considered eligible for the National Register of Historic Places. Bridge Sufficiency Rating is 36.2 out of a maximum possible score of 100.	
Assumption:	
Project is proposed as a Federal Aid bridge project with 80/20 cost share.	
Justification:	
Needed to replace structure that is near the end of its useful life. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

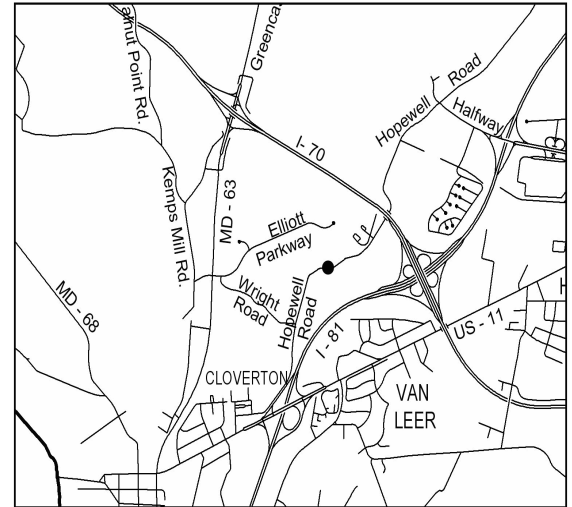
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	882,300	882,300	0	0	0	0	0	0
Engineering/Design	370,000	290,000	80,000	0	0	0	0	0
Inspection	115,300	115,300	0	0	0	0	0	0
Land Acquisition	20,000	20,000	0	0	0	0	0	0
Utilities	6,100	6,100	0	0	0	0	0	0
Total Cost	1,393,700	1,313,700	80,000	0	0	0	0	0

Funding Schedule:

Federal Grant	1,106,500	1,042,500	64,000	0	0	0	0	0
General Fund	70,000	54,000	16,000	0	0	0	0	0
Tax Supported Bond	217,200	217,200	0	0	0	0	0	0
Total Funding	1,393,700	1,313,700	80,000	0	0	0	0	0

Project Title and Location:	Project Number: 35
Hopewell Road Culvert 02/01	
Account Number:	
Description:	
This culvert is located in the 11100 block of Hopewell Road (ADC Map 20, Grid C-9). Replace corrugated metal pipe arch with precast concrete box culvert. Traffic barrier upgrades will be added as well to improve safety.	
Assumption:	
Project will be done in conjunction with Wright Road culvert 02/06. This project may also be done in conjunction with Hopewell Road culvert 02/01 and Wright Road culvert 02/05 provided those projects are done in advance by a developer as a result of their APFO contribution.	
Justification:	
Even though recent maintenance work has been performed, this replacement is needed as the structure is nearing the end of its useful life. Due to the type of structure, no practical long term repair options exist.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

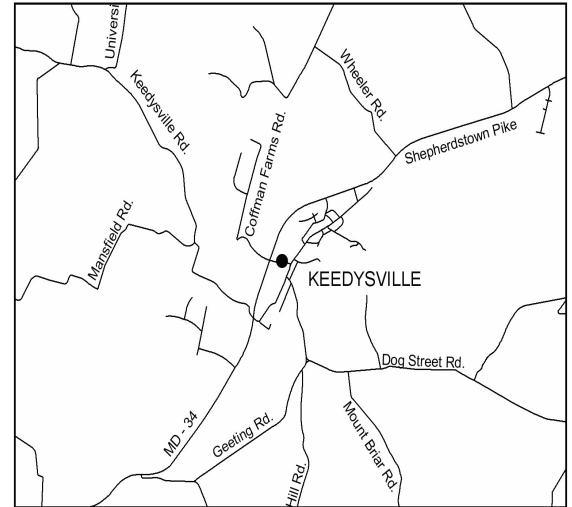
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	239,000	0	0	0	239,000	0	0	0
Inspection	29,900	0	0	0	29,900	0	0	0
Land Acquisition	5,100	0	0	5,100	0	0	0	0
Utilities	20,600	0	0	0	20,600	0	0	0
Total Cost	294,600	0	0	5,100	289,500	0	0	0

Funding Schedule:

General Fund	294,600	0	0	5,100	289,500	0	0	0
Total Funding	294,600	0	0	5,100	289,500	0	0	0

Project Title and Location:	Project Number: 39
Coffman Farms Road Bridge W6371	
Account Number:	BRG048
Description:	
<p>This bridge is located in Keedysville, near Main Street (ADC Map 31, Grid G-7). Rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 54.0 out of a maximum possible score of 100.</p>	
Assumption:	
<p>Project is proposed as a Federal Aid project with 80/20 cost share. It is assumed that project design will be combined with Old Forge Road bridge W2382.</p>	
Justification:	
<p>Needed to maintain bridge in a serviceable condition and to protect historical considerations. Pending grant funding approval.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	707,000	0	707,000	0	0	0	0	0
Engineering/Design	133,000	133,000	0	0	0	0	0	0
Inspection	58,600	0	58,600	0	0	0	0	0
Land Acquisition	5,000	5,000	0	0	0	0	0	0
Utilities	6,100	6,100	0	0	0	0	0	0
Total Cost	909,700	144,100	765,600	0	0	0	0	0

Funding Schedule:

Capital Reserve - General	144,400	0	144,400	0	0	0	0	0
Federal Grant	733,600	115,400	618,200	0	0	0	0	0
General Fund	31,700	28,700	3,000	0	0	0	0	0
Total Funding	909,700	144,100	765,600	0	0	0	0	0

Project Title and Location:	Project Number: 40
Bridge Inspection & Inventory	
Account Number:	BRG002
Description:	
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.	
Assumption:	
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.	
Justification:	
Various portions are required by State and Federal regulations. Other portions are done as needed to assure public safety and to minimize maintenance costs. This supports the infrastructure needs of the County under its bridge infrastructure program.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	0
Gross Operating Cost			0	0	0	0	0	0
Net Operating Cost			0	0	0	0	0	0

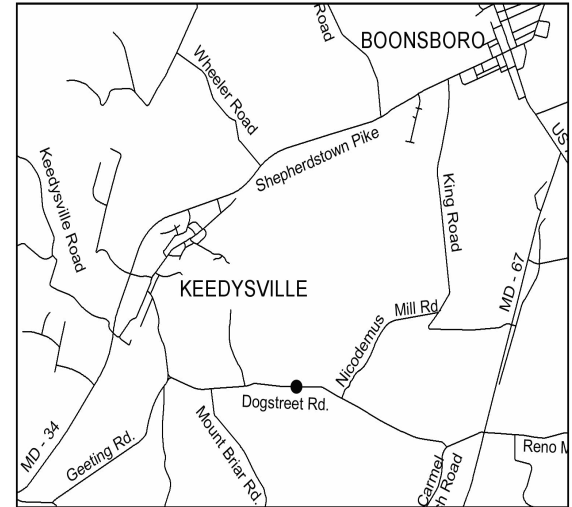
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Engineering/Design	350,000	0	171,700	0	20,600	0	157,700	0
Total Cost	350,000	0	171,700	0	20,600	0	157,700	0

Funding Schedule:

General Fund	350,000	0	171,700	0	20,600	0	157,700	0
Tax Supported Bond	0	0	0	0	0	0	0	0
Total Funding	350,000	0	171,700	0	20,600	0	157,700	0

Project Title and Location:	Project Number: 48
Dogstreet Road Bridge W5932P	
Account Number:	BRG049
Description:	
This project is located in the 19700 block of Dogstreet Road (ADC Map 31, Grid K-9). Existing multiple corrugated metal pipe structure regularly clogs due to a heavy debris load in creek resulting in road overtopping and subsequent damage to road surface and adjacent property. Replace with single span bridge. Bridge Sufficiency Rating is 78.6 out of a maximum possible score of 100.	
Assumption:	
Bridge size will be heavily influenced by MDE requirements and at this time, details are unknown and may vary considerably from the assumptions used for this budget. Precast concrete arch is the basis for the cost estimate.	
Justification:	
Needed to provide cost effective road maintenance in this area. The frequency of flooding and clogging impacts the delivery of public safety services in that area of the county.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	67,180	67,180	67,180	67,180	67,180
Gross Operating Cost			0	67,180	67,180	67,180	67,180	67,180
Net Operating Cost			0	67,180	67,180	67,180	67,180	67,180

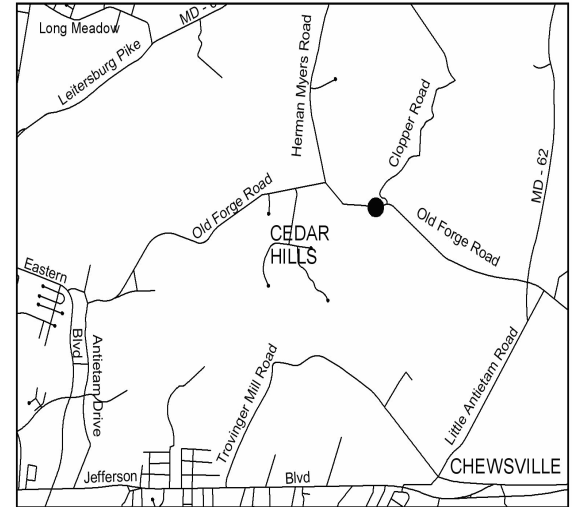
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	762,000	0	0	762,000	0	0	0	0
Engineering/Design	135,000	135,000	0	0	0	0	0	0
Inspection	87,700	0	0	87,700	0	0	0	0
Land Acquisition	31,400	31,400	0	0	0	0	0	0
Utilities	6,100	0	0	6,100	0	0	0	0
Total Cost	1,022,200	166,400	0	855,800	0	0	0	0

Funding Schedule:

General Fund	166,400	166,400	0	0	0	0	0	0
Tax Supported Bond	855,800	0	0	855,800	0	0	0	0
Total Funding	1,022,200	166,400	0	855,800	0	0	0	0

Project Title and Location:	Project Number: 49
Old Forge Road Bridge W2382	
Account Number:	BRG058
Description:	
This project is located in the 20800 block of Old Forge Road (ADC Map 22, Grid D-1), rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 37.4 out of a maximum possible score of 100.	
Assumption:	
Project is proposed as a Federal Aid project with 80/20 cost share. It is assumed that project design will be combined with Coffman Farms Road bridge W6371.	
Justification:	
Needed to maintain bridge in a serviceable condition and to protect historical considerations. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

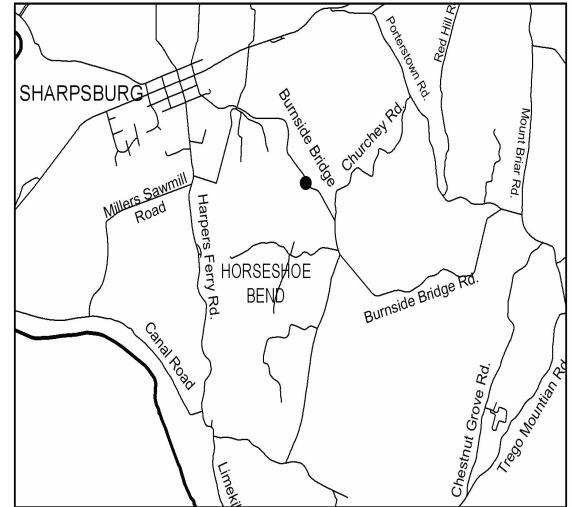
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,212,000	0	1,212,000	0	0	0	0	0
Engineering/Design	135,700	135,700	0	0	0	0	0	0
Inspection	86,900	0	86,900	0	0	0	0	0
Land Acquisition	5,200	5,200	0	0	0	0	0	0
Total Cost	1,439,800	140,900	1,298,900	0	0	0	0	0

Funding Schedule:

Federal Grant	1,137,800	109,000	1,028,800	0	0	0	0	0
General Fund	296,800	26,700	270,100	0	0	0	0	0
Tax Supported Bond	5,200	5,200	0	0	0	0	0	0
Total Funding	1,439,800	140,900	1,298,900	0	0	0	0	0

Project Title and Location:	Project Number: 52
Burnside Bridge Road Culvert 01/02	
Account Number:	BRG057
Description:	
This project is located in the 18500 block of Burnside Bridge Road (ADC Map 34, Grid D-2). Replace single lane steel stringer bridge with two lane precast box culvert and make traffic barrier approach road improvements.	
Assumption:	
Recent repairs made by County forces do not eliminate the need for this project.	
Justification:	
Needed to replace structure that is near the end of its useful life and to greatly improve safety at this location.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

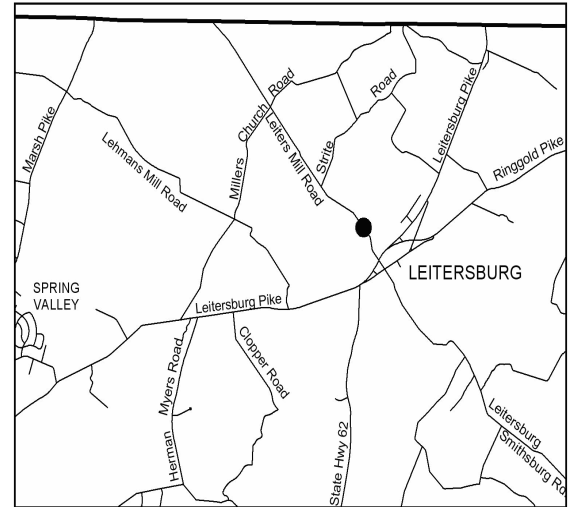
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	547,600	497,100	50,500	0	0	0	0	0
Inspection	49,000	49,000	0	0	0	0	0	0
Land Acquisition	10,200	10,200	0	0	0	0	0	0
Utilities	6,100	6,100	0	0	0	0	0	0
Total Cost	612,900	562,400	50,500	0	0	0	0	0

Funding Schedule:

General Fund	357,900	307,400	50,500	0	0	0	0	0
Tax Supported Bond	255,000	255,000	0	0	0	0	0	0
Total Funding	612,900	562,400	50,500	0	0	0	0	0

Project Title and Location:	Project Number: 53
Leiters Mill Road Bridge W2292	
Account Number:	BRG060
Description:	
<p>This project is in the 21300 block of Leiters Mill Road (ADC Map 11, Grid H-8). Repair existing stone arch bridge. Structure is eligible for the National Register of Historic Places. Although undetermined at this time repair will most likely consist of concrete fill, traffic barrier upgrades, scour repair, riprap placement, and repointing the stone masonry. Bridge Sufficiency Rating is 30.7 out of a maximum possible score of 100.</p>	
Assumption:	
Project is proposed as a Federal Aid project with 80/20 cost share.	
Justification:	
Needed to maintain bridge in a serviceable condition and to protect historical considerations. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

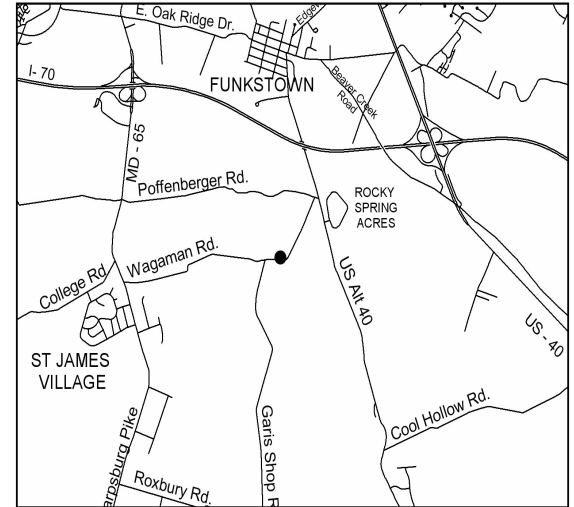
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	867,100	0	0	867,100	0	0	0	0
Engineering/Design	201,400	135,700	65,700	0	0	0	0	0
Inspection	87,700	0	0	87,700	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Total Cost	1,161,300	135,700	70,800	954,800	0	0	0	0

Funding Schedule:

Federal Grant	971,400	111,800	56,000	803,600	0	0	0	0
General Fund	189,900	23,900	14,800	151,200	0	0	0	0
Total Funding	1,161,300	135,700	70,800	954,800	0	0	0	0

Project Title and Location:	Project Number: 54
Garis Shop Road Bridge W4021	
Account Number:	BRG061
Description:	
This project is located in the 10000 block of Garis Shop Road (ADC Map 26, Grid F-2). Rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 40.1 out of a maximum possible score of 100.	
Assumption:	
Project is proposed as a Federal Aid project with 80/20 cost share. It is assumed that project design will be combined with Leiters Mill Road bridge W2292.	
Justification:	
Needed to maintain bridge in a serviceable condition and to protect historical considerations. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

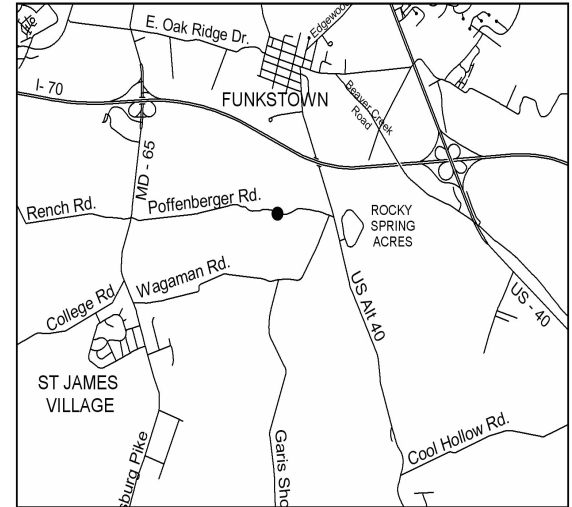
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,224,100	0	0	1,224,100	0	0	0	0
Engineering/Design	201,400	135,700	65,700	0	0	0	0	0
Inspection	87,700	0	0	87,700	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Total Cost	1,518,300	135,700	70,800	1,311,800	0	0	0	0

Funding Schedule:

Federal Grant	1,187,200	106,400	52,000	1,028,800	0	0	0	0
General Fund	331,100	29,300	18,800	283,000	0	0	0	0
Total Funding	1,518,300	135,700	70,800	1,311,800	0	0	0	0

Project Title and Location:	Project Number: 57
Poffenberger Road Bridge W4011	
Account Number:	BRG065
Description:	
This project is located in the 19000 block of Poffenberger Road (ADC Map 26, Grid F-1). Rehabilitate single span stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 41.0 out of a maximum possible score of 100.	
Assumption:	
Project is proposed as a Federal Aid project with 80/20 cost share. It is assumed that this project will be designed and constructed together with Poffenberger Road bridge W4012.	
Justification:	
Needed to maintain bridge in a serviceable condition and to protect historical considerations. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

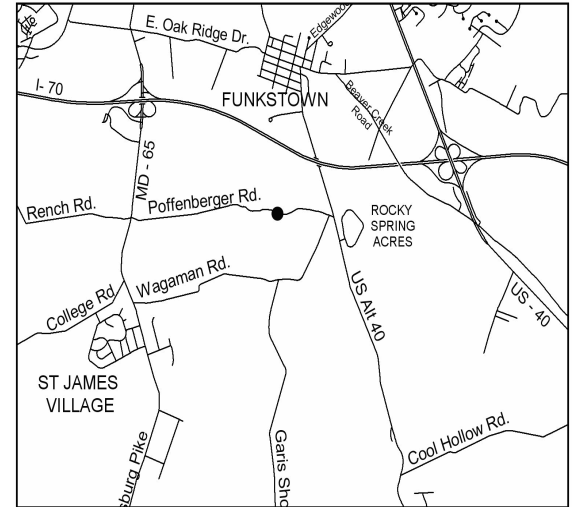
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	475,400	0	0	475,400	0	0	0	0
Engineering/Design	151,500	0	151,500	0	0	0	0	0
Inspection	59,200	0	0	59,200	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Total Cost	691,200	0	156,600	534,600	0	0	0	0

Funding Schedule:

Federal Grant	586,700	0	124,000	462,700	0	0	0	0
General Fund	104,500	0	32,600	71,900	0	0	0	0
Total Funding	691,200	0	156,600	534,600	0	0	0	0

Project Title and Location:	Project Number: 58
Poffenberger Road Bridge W4012	
Account Number:	BRG066
Description:	
<p>This project is in the 19000 block of Poffenberger Road (ADC Map 26, Grid F-1). Rehabilitate three span stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and repointing. Bridge Sufficiency Rating is 41.0 out of a maximum possible score of 100.</p>	
Assumption:	
<p>Project is proposed as a Federal Aid project with 80/20 cost share. It is assumed that this project will be designed and constructed together with Poffenberger Road bridge W4011.</p>	
Justification:	
<p>Needed to maintain bridge in a serviceable condition and to protect historical considerations. Pending grant funding approval.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

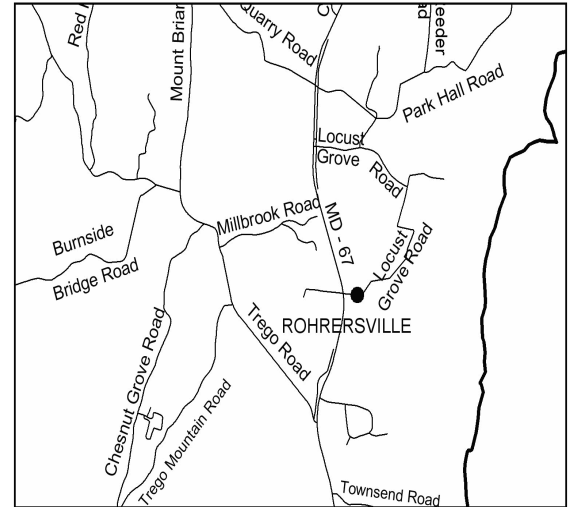
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,020,100	0	0	1,020,100	0	0	0	0
Engineering/Design	202,000	0	202,000	0	0	0	0	0
Inspection	88,700	0	0	88,700	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Total Cost	1,315,900	0	207,100	1,108,800	0	0	0	0

Funding Schedule:

Federal Grant	1,123,900	0	164,000	959,900	0	0	0	0
General Fund	192,000	0	43,100	148,900	0	0	0	0
Total Funding	1,315,900	0	207,100	1,108,800	0	0	0	0

Project Title and Location:	Project Number: 59
Locust Grove Road Culvert 08/03	
Account Number:	BRG063
Description:	
This project is located in the 22200 block of Locust Grove Road (ADC Map 35, Grid C-4). Replace deteriorated single lane steel stringer structure with new two lane precast concrete box culvert. Project also includes the widening of Locust Grove Road to two lanes from the structure out to MD 67, a distance of approximately 250 feet.	
Assumption:	
Project to be done in conjunction with Beaver Creek Road culvert 16/01.	
Justification:	
Needed to replace a structure that is nearing the end of its useful life and provide improved safety at the structure.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

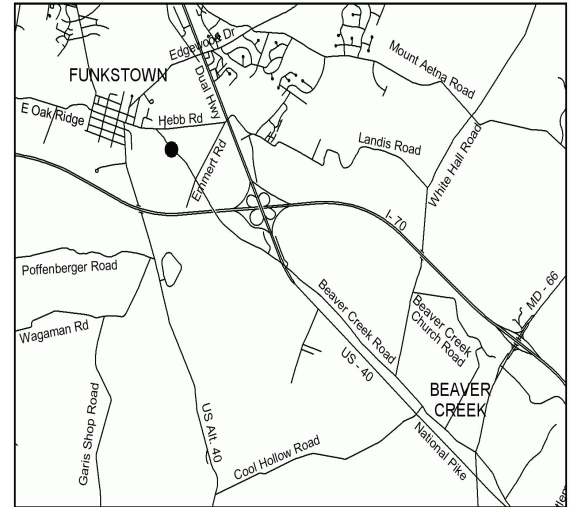
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	235,300	0	235,300	0	0	0	0	0
Inspection	36,400	0	36,400	0	0	0	0	0
Land Acquisition	25,500	25,500	0	0	0	0	0	0
Utilities	14,100	0	14,100	0	0	0	0	0
Total Cost	311,300	25,500	285,800	0	0	0	0	0

Funding Schedule:

Capital Reserve - General	285,800	0	285,800	0	0	0	0	0
Tax Supported Bond	25,500	25,500	0	0	0	0	0	0
Total Funding	311,300	25,500	285,800	0	0	0	0	0

Project Title and Location:	Project Number: 60
Beaver Creek Road Culvert 16/01	
Account Number:	BRG064
Description:	
This project is located in the 19000 block of Beaver Creek Road (ADC Map 21, Grid H-11). Replace existing single lane concrete structure with a two lane precast concrete box culvert. Upgraded traffic barrier will be added to improve safety.	
Assumption:	
Although full County funding is shown, APFO requirements may cause developer participation in this project. Project is to be done in conjunction with the Locust Grove Road culvert 08/03, unless a developer causes this project to proceed in advance.	
Justification:	
Needed to replace structure that is nearing the end of its useful life and to improve safety. Due to ongoing development in this area, a single lane structure is adverse to public safety.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

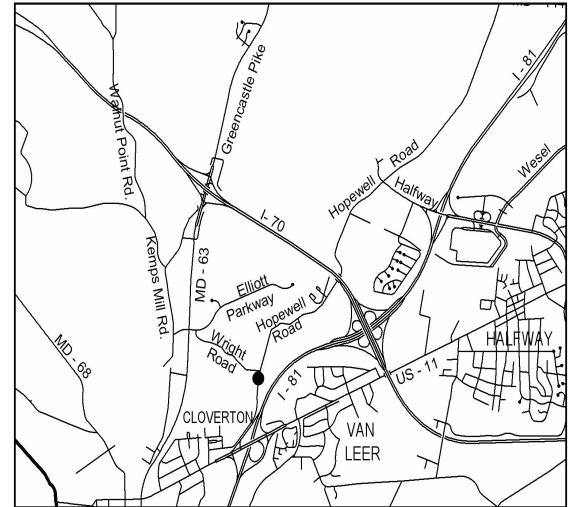
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	192,900	0	192,900	0	0	0	0	0
Inspection	29,300	0	29,300	0	0	0	0	0
Land Acquisition	25,500	25,500	0	0	0	0	0	0
Utilities	6,100	0	6,100	0	0	0	0	0
Total Cost	253,800	25,500	228,300	0	0	0	0	0

Funding Schedule:

Capital Reserve - General	9,200	0	9,200	0	0	0	0	0
General Fund	219,100	0	219,100	0	0	0	0	0
Tax Supported Bond	25,500	25,500	0	0	0	0	0	0
Total Funding	253,800	25,500	228,300	0	0	0	0	0

Project Title and Location:	Project Number: 61
Hopewell Road Culvert 02/02	
Account Number:	
Description:	
<p>This project is located in the 10900 block of Hopewell Road at Wright Road (ADC Map 20, Grid B-10). Replace single lane concrete structure with a two lane precast concrete box culvert and realign road. Upgraded traffic barrier will be added as well to improve safety.</p>	
Assumption:	
<p>Project will be done in conjunction with Hopewell Road culvert 02/01 and Wright Road culverts 02/05, 02/06 provided the project is not completed in advance by a developer as a result of their APFO contribution.</p>	
Justification:	
<p>Current structure has had temporary repairs made, but long term condition must still be addressed as structure is nearing the end of its useful life. Due to structure type, no practical long term repair option exists. Due to ongoing development in this area, a single lane structure is adverse to public safety.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

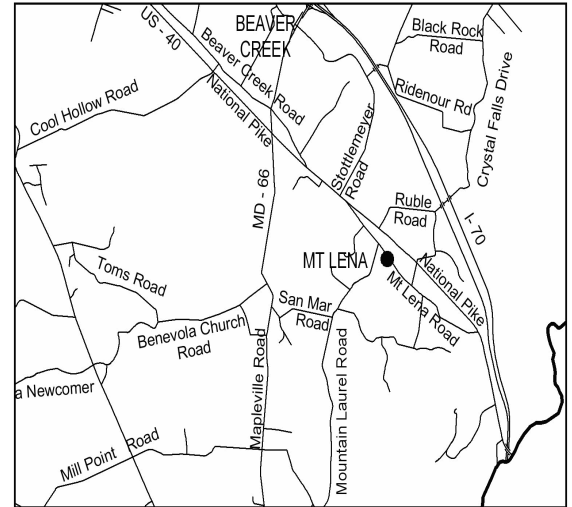
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	180,300	0	0	0	180,300	0	0	0
Inspection	39,200	0	0	0	39,200	0	0	0
Land Acquisition	10,200	0	0	10,200	0	0	0	0
Total Cost	229,700	0	0	10,200	219,500	0	0	0

Funding Schedule:

General Fund	229,700	0	0	10,200	219,500	0	0	0
Total Funding	229,700	0	0	10,200	219,500	0	0	0

Project Title and Location:	Project Number: 62
Mt. Lena Road Culvert 16/05	
Account Number:	BRG069
Description:	
This project is located in the 21300 clock of Mt. Lena Road (ADC Map 27, Grid H-7). Replace deteriorated two lane concrete slab bridge with a precast box culvert. Upgraded traffic barrier will be added as well to improve safety.	
Assumption:	
Project to be done in conjunction with Trego Road culverts 08/06 and 4000 block. Immediate work was done to stabilize extensive wing wall erosion to extend the life of the structure and make some safety improvements. The structure still needs to be replaced.	
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.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

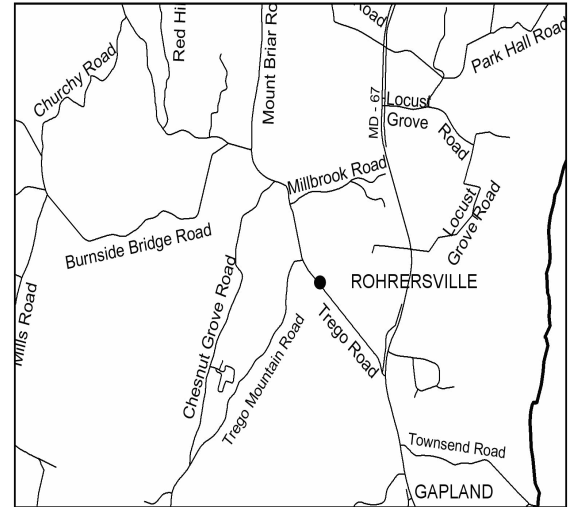
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	204,000	0	0	204,000	0	0	0	0
Inspection	36,700	0	0	36,700	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Utilities	10,100	0	10,100	0	0	0	0	0
Total Cost	255,900	0	15,200	240,700	0	0	0	0

Funding Schedule:

General Fund	255,900	0	15,200	240,700	0	0	0	0
Total Funding	255,900	0	15,200	240,700	0	0	0	0

Project Title and Location: Trego Road Culvert 08/06	Project Number: 63
Account Number: BRG067	
Description: This project is located in the 4100 block of Trego Road (ADC Map 35, Grid A-4). Replace existing concrete slab bridge with precast concrete box culvert. Upgraded traffic barrier will be added as well to improve safety.	
Assumption: Project will be done in conjunction with Trego Road culvert 4000 block and Mt. Lena Road culvert 16/05.	
Justification: Needed to replace structure that is nearing the end of its useful life. Due to structure type, no practical long term repair option exists.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

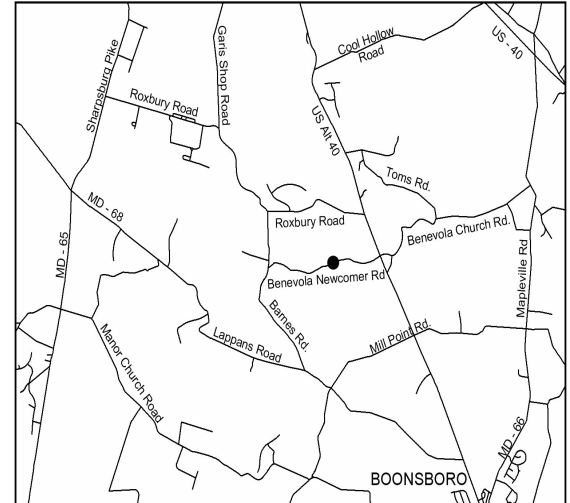
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	209,100	0	0	209,100	0	0	0	0
Inspection	36,700	0	0	36,700	0	0	0	0
Land Acquisition	25,300	0	25,300	0	0	0	0	0
Utilities	12,100	0	12,100	0	0	0	0	0
Total Cost	283,200	0	37,400	245,800	0	0	0	0

Funding Schedule:

General Fund	283,200	0	37,400	245,800	0	0	0	0
Total Funding	283,200	0	37,400	245,800	0	0	0	0

Project Title and Location:	Project Number: 967
Benevola Newcomer Road Culvert 06/04	
Account Number:	BRG068
Description:	
This project is located in the 19600 block of Benevola Newcomer Road (ADC Map 26, Grid J-10). Eliminate existing deteriorated concrete slab culvert used as a cattle crossing. Replace with an at grade road section.	
Assumption:	
Affected property owner approached the County with this suggestions. It is assumed the affected property owners will agree with final plans.	
Justification:	
The existing structure is near the end of its useful life and needs to be addressed. Eliminating it will reduce County maintenance responsibilities and improve safety.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

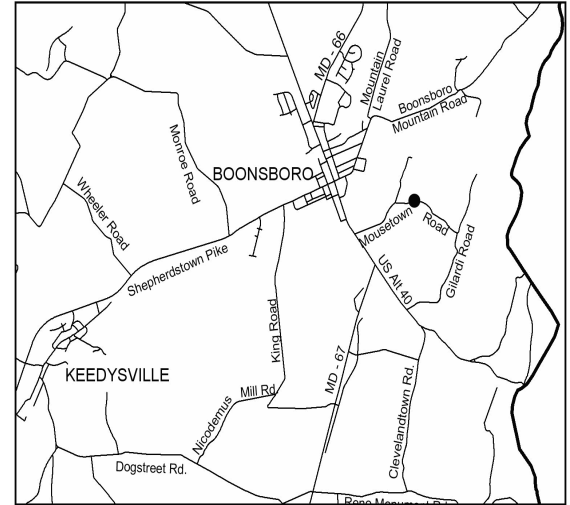
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	177,800	0	177,800	0	0	0	0	0
Inspection	29,300	0	29,300	0	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Utilities	3,000	0	3,000	0	0	0	0	0
Total Cost	215,200	0	215,200	0	0	0	0	0

Funding Schedule:

General Fund	215,200	0	215,200	0	0	0	0	0
Total Funding	215,200	0	215,200	0	0	0	0	0

Project Title and Location:	Project Number: 1,017
Mousetown Road Culvert 06/02	
Account Number:	
Description:	
<p>The culvert is located in the 20900 block of Mousetown Road (ADC Map 32, Grid F-4). Replace existing structural metal pipe arch with concrete box culvert.</p> <p>Installation of appropriate traffic barriers.</p>	
Assumption:	
<p>Project to be done in conjunction with Newcomer Road bridge 14/02 and Catholic Church Road bridge 15/02.</p>	
Justification:	
<p>Needed to replace structure that is nearing the end of its useful life and provide improved safety.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

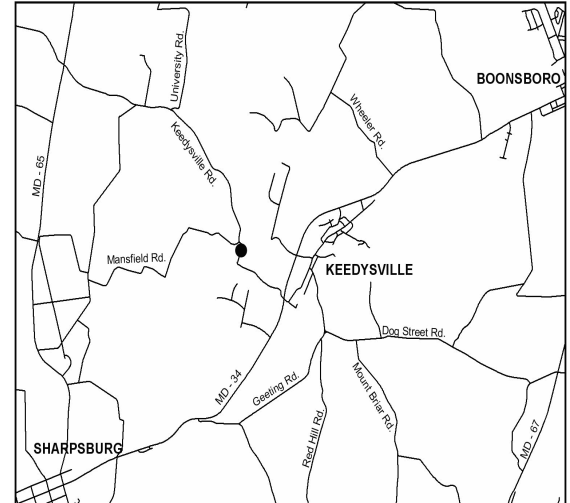
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	208,100	0	0	0	0	208,100	0	0
Inspection	31,200	0	0	0	0	31,200	0	0
Land Acquisition	10,200	0	0	0	10,200	0	0	0
Utilities	6,100	0	0	0	6,100	0	0	0
Total Cost	255,600	0	0	0	16,300	239,300	0	0

Funding Schedule:

General Fund	255,600	0	0	0	16,300	239,300	0	0
Total Funding	255,600	0	0	0	16,300	239,300	0	0

Project Title and Location:	Project Number: 1,018
Keedysville Road Bridge W5651	
Account Number:	
Description:	
<p>This bridge is located in the 18900 block of Keedysville Road, one half mile west of Keedysville (ADC Map 31, E-7). Rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, scour repair, and stone masonry reconstruction, and repointing. Bridge Sufficiency Rating is 50.8 out of a maximum possible score of 100.</p>	
Assumption:	
<p>Project is proposed as a Federal Aid project with 80/20 cost share. It is assumed that the project design will be combined with Poffenberger Road bridges W4011 and W4012 and Leiters Mill Road bridge W2292.</p>	
Justification:	
<p>Needed to maintain a serviceable condition and to protect historical considerations. Pending grant funding approval.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

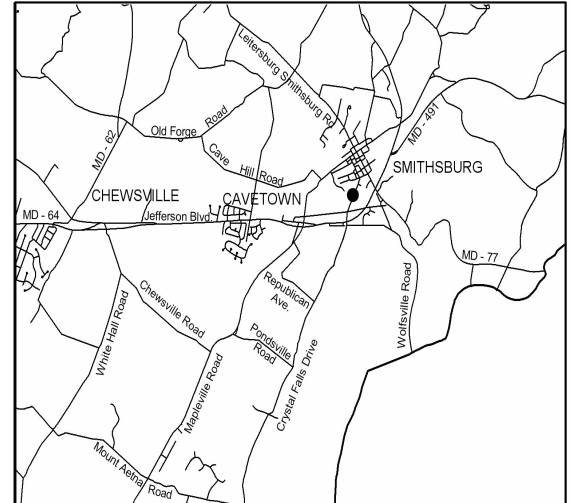
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,144,700	0	0	0	0	1,144,700	0	0
Engineering/Design	204,000	0	0	204,000	0	0	0	0
Inspection	104,100	0	0	0	0	104,100	0	0
Land Acquisition	5,200	0	0	0	5,200	0	0	0
Total Cost	1,458,000	0	0	204,000	5,200	1,248,800	0	0

Funding Schedule:

Federal Grant	1,120,000	0	0	160,000	0	960,000	0	0
General Fund	338,000	0	0	44,000	5,200	288,800	0	0
Total Funding	1,458,000	0	0	204,000	5,200	1,248,800	0	0

Project Title and Location:	Project Number: 1,019
Crystal Falls Drive Bridge W3051	
Account Number:	
Description:	
<p>This project is located just outside Smithsburg town limits on Crystal Falls Drive. Replace two lane concrete slab bridge with new single span concrete bridge and make traffic barrier approach road improvements. Bridge Sufficiency Rating is 42.5 out of a maximum possible score of 100.</p>	
Assumption:	
Project is proposed as a Federal Aid project with 80/20 cost share.	
Justification:	
<p>Needed to replace 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. Pending grant funding approval.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	837,700	0	0	0	0	837,700	0	0
Engineering/Design	255,000	0	0	255,000	0	0	0	0
Inspection	104,100	0	0	0	0	104,100	0	0
Land Acquisition	10,300	0	0	0	10,300	0	0	0
Utilities	41,800	0	0	0	41,800	0	0	0
Total Cost	1,248,900	0	0	255,000	52,100	941,800	0	0

Funding Schedule:

Federal Grant	988,100	0	0	208,100	0	780,000	0	0
General Fund	260,800	0	0	46,900	52,100	161,800	0	0
Total Funding	1,248,900	0	0	255,000	52,100	941,800	0	0

Project Title and Location: **Project Number: 1,020**

Catholic Church Road Bridge 15/02

Account Number:**Description:**

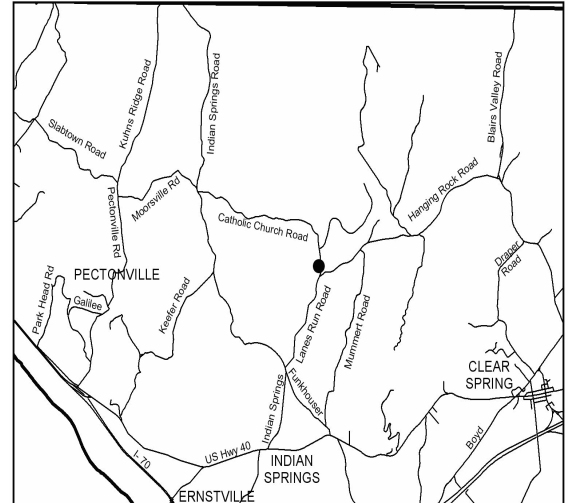
This project is located on Catholic Church Road at the intersection with Hanging Rock Road. Replace single lane steel stringer/open grid deck with single lane concrete slab bridge.

Assumption:

The project will be in conjunction with Newcomer Road bridge 14/02 and Mousetown Road culvert 06/02.

Justification:

Needed to extend the useful life of this structure in a cost effective manner and improve vehicle safety.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	130,100	0	0	0	0	130,100	0	0
Inspection	20,800	0	0	0	0	20,800	0	0
Land Acquisition	2,100	0	0	0	2,100	0	0	0
Total Cost	153,000	0	0	0	2,100	150,900	0	0

Funding Schedule:

General Fund	153,000	0	0	0	2,100	150,900	0	0
Total Funding	153,000	0	0	0	2,100	150,900	0	0

Project Title and Location: **Project Number:** 1,021

Newcomer Road Bridge 14/02

Account Number:**Description:**

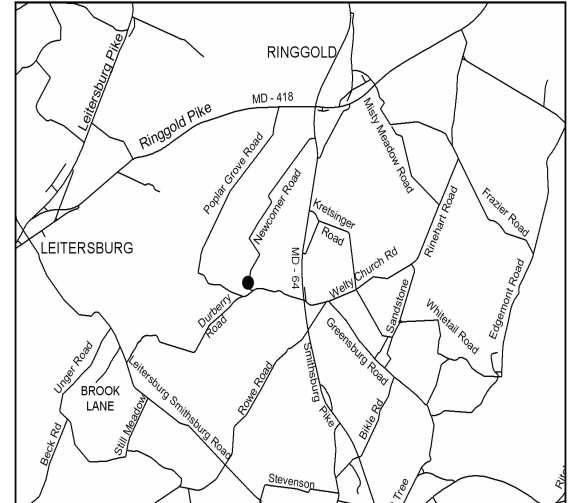
This project is located on Newcomer Road at the intersection with Gardenhour Road. Replace single lane steel bridge/open grid deck with single lane concrete slab bridge. Rebuild stone masonry abutments and provide scour countermeasures.

Assumption:

Project to be done in conjunction with Catholic Church Road bridge 15/02 and Mousertown Road culvert 06/02.

Justification:

Needed to extend the useful life of this structure in a cost effective manner and improve vehicle safety.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

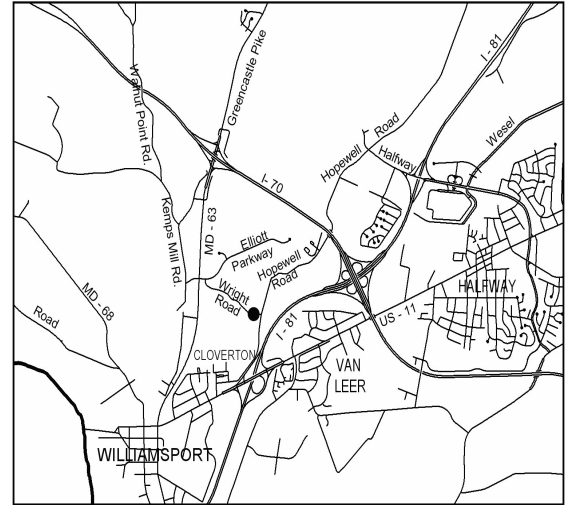
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	156,100	0	0	0	0	156,100	0	0
Inspection	20,800	0	0	0	0	20,800	0	0
Land Acquisition	2,100	0	0	0	2,100	0	0	0
Total Cost	179,000	0	0	0	2,100	176,900	0	0

Funding Schedule:

General Fund	179,000	0	0	0	2,100	176,900	0	0
Total Funding	179,000	0	0	0	2,100	176,900	0	0

Project Title and Location:	Project Number: 1,022
Wright Road Culvert 02/06	
Account Number:	
Description:	
This project is located on Wright Road (ADC Map 20, Grip B-20). Replace concrete culvert with concrete pipes and headwalls. Install appropriate traffic barrier.	
Assumption:	
Project to be in conjunction with Hopewell Road culvert 02/01. This project may also be done in conjunction with Hopewell Road culvert 02/02 and Wright Road culvert 02/05 unless those projects are done in advance by a developer as a result of their APFO requirements.	
Justification:	
Needed to replace structure that is near the end of its useful life and improve vehicle safety.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

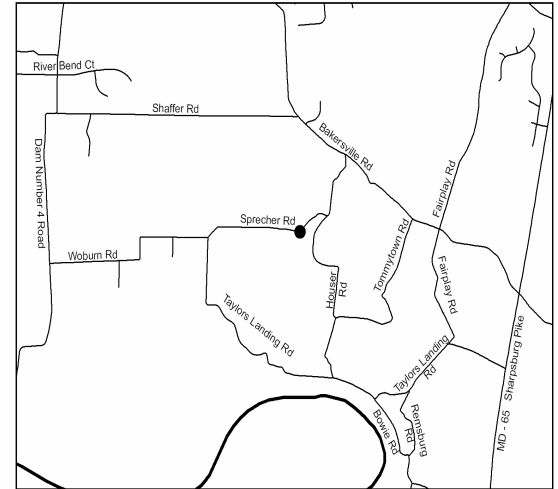
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	180,300	0	0	0	180,300	0	0	0
Land Acquisition	2,000	0	0	2,000	0	0	0	0
Total Cost	182,300	0	0	2,000	180,300	0	0	0

Funding Schedule:

General Fund	182,300	0	0	2,000	180,300	0	0	0
Total Funding	182,300	0	0	2,000	180,300	0	0	0

Project Title and Location:	Project Number: 1,036
Sprecher Road Bridge W5661	
Account Number:	
Description:	
<p>The project is located on the 16900 block of Sprecher Road (ADC Map 30, F-2). Replace single lane steel stringer/timber deck with a single lane concrete slab bridge. Bridge Sufficiency Rating is 79.9 out of a maximum possible score of 100.</p>	
Assumption:	
The project will be in conjunction with Sprecher Road bridge W5662.	
Justification:	
Needed to extend the useful life of this structure in a cost effective manner and improve vehicle safety.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

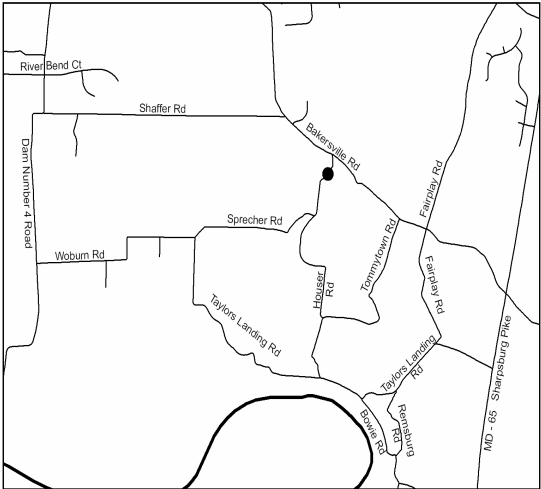
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	216,400	0	0	0	216,400	0	0	0
Inspection	29,900	0	0	0	29,900	0	0	0
Land Acquisition	2,100	0	0	0	2,100	0	0	0
Total Cost	248,400	0	0	0	248,400	0	0	0

Funding Schedule:

General Fund	248,400	0	0	0	248,400	0	0	0
Total Funding	248,400	0	0	0	248,400	0	0	0

Project Title and Location: Sprecher Road Bridge W5662	Project Number: 1,037
Account Number:	
Description: This project is located on the 17100 block of Sprecher Road (ADC Map 30, G-1). Replace single lane steel stringer/timber deck with single lane concrete slab bridge. Bridge Sufficiency Rating is 31.0 out of a maximum possible score of 100.	
Assumption: The project will be in conjunction with Sprecher Road bridge W5661.	
Justification: Needed to extend the useful life of this structure in a cost effective manner and improve vehicle safety.	



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	226,700	0	0	0	226,700	0	0	0
Inspection	29,900	0	0	0	29,900	0	0	0
Land Acquisition	2,100	0	0	0	2,100	0	0	0
Total Cost	258,700	0	0	0	258,700	0	0	0

Funding Schedule:

General Fund	258,700	0	0	0	258,700	0	0	0
Total Funding	258,700	0	0	0	258,700	0	0	0

Project Title and Location:	Project Number: 1,039
Rinehart Road Culvert 14/03	
Account Number:	
Description:	
This project is located in the 14300 block of Rinehart Road (ADC Map 12, Grid J-6). Replace concrete slab bridge with 2 cell concrete box culvert and headwalls. Install appropriate traffic barrier.	
Assumption:	
Project to be completed with Kretsinger Road culvert 14/01.	
Justification:	
Needed to replace structure that is near end of its useful life and improve vehicle safety.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	270,700	0	0	0	0	0	0	270,700
Inspection	30,800	0	0	0	0	0	0	30,800
Land Acquisition	5,300	0	0	0	0	0	0	5,300
Utilities	6,400	0	0	0	0	0	0	6,400
Total Cost	313,200	0	0	0	0	0	0	313,200

Funding Schedule:

General Fund	313,200	0	0	0	0	0	0	313,200
Total Funding	313,200	0	0	0	0	0	0	313,200

Project Title and Location:	Project Number: 1,040
Kretsinger Road Culvert 14/01	
Account Number:	
Description:	
This project is located in the 13600 block of Kretsinger Road (ADC Map 12, Grid G-8). Replace concrete slab bridge with two cell concrete box culvert and headwalls. Install appropriate traffic barrier.	
Assumption:	
Project to be in conjunction with Rinehart Road culvert 14/03.	
Justification:	
Needed to replace structure that is near end of its useful life and improve vehicle safety.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	254,800	0	0	0	0	0	0	254,800
Inspection	30,800	0	0	0	0	0	0	30,800
Land Acquisition	5,300	0	0	0	0	0	0	5,300
Utilities	6,400	0	0	0	0	0	0	6,400
Total Cost	297,300	0	0	0	0	0	0	297,300

Funding Schedule:

General Fund	297,300	0	0	0	0	0	0	297,300
Total Funding	297,300	0	0	0	0	0	0	297,300

Project Title and Location:	Project Number: 1,041
Frog Eye Road Culvert 11/06	
Account Number:	
Description:	
This project is located in the 19800 block of Frog Eye Road (ADC Map 37, Grid D-4). Replace single lane steel stringer/open steel grid deck with a two cell box culvert with headwalls. Project will include realignment of the road, use of existing bridge for access during construction, and the installation of appropriate traffic barrier.	
Assumption:	
Project assumes realignment of existing roadway and use of existing bridge during construction.	
Justification:	
Needed to replace structure that is near end of its useful life and improve vehicle safety.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	43,049
Gross Operating Cost			0	0	0	0	0	43,049
Net Operating Cost			0	0	0	0	0	43,049

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	477,700	0	0	0	0	0	0	477,700
Inspection	51,000	0	0	0	0	0	0	51,000
Land Acquisition	13,300	0	0	0	0	0	0	13,300
Utilities	6,400	0	0	0	0	0	0	6,400
Total Cost	548,400	0	0	0	0	0	0	548,400

Funding Schedule:

Tax Supported Bond	548,400	0	0	0	0	0	0	548,400
Total Funding	548,400	0	0	0	0	0	0	548,400

Project Title and Location: Cleaning and Painting of Steel Bridges	Project Number: 1,042
Account Number:	
Description: Cleaning and painting various steel beam bridges throughout the county.	
Assumption:	
Justification: Essential work to maintain and extend the useful life of the structure.	

[illegible][illegible]

Tax Supported Bond	424,600	0	0	0	0	0	0
Total Funding	424,600	0	0	0	0	0	424,600

Project Title and Location: **Project Number:** 1,043

Wright Road Culvert 02/05

Account Number:**Description:**

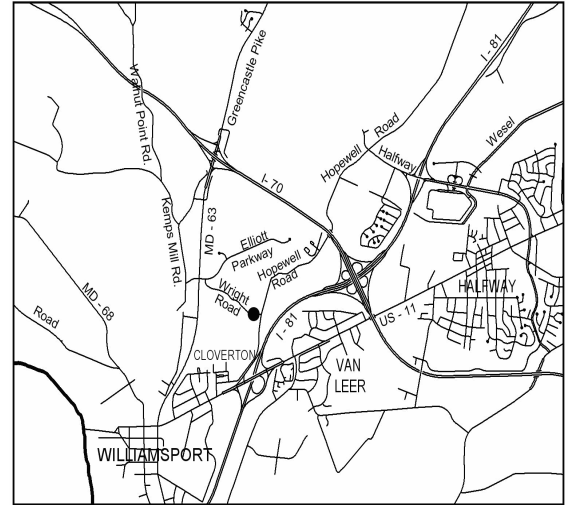
This project is located on Wright Road (ADC Map 20, Grid B-10). Replace concrete slab bridge with concrete box culvert and headwalls. Install appropriate traffic barrier.

Assumption:

Project to be in conjunction with Hopewell Road culvert 02/01, 02/02, and Wright Road culvert 02/06 provided project is not completed by a developer as a result of their APFO contribution. Developer project may realign road and include removing this structure as part of their new development. Full projects costs are shown for a culvert replacement in case the development and proposed road realignment does not proceed.

Justification:

Needed to replace structure that is near the end of its useful life and improve vehicle safety.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	185,500	0	0	0	185,500	0	0	0
Inspection	29,900	0	0	0	29,900	0	0	0
Land Acquisition	5,200	0	0	0	5,200	0	0	0
Utilities	6,200	0	0	0	6,200	0	0	0
Total Cost	226,800	0	0	0	226,800	0	0	0

Funding Schedule:

General Fund	226,800	0	0	0	226,800	0	0	0
Total Funding	226,800	0	0	0	226,800	0	0	0

Project Title and Location:	Project Number: 1,086
Bridge Scour Repairs	
Account Number:	
Description:	
Perform bridge scour countermeasures on several bridges throughout the County. The repairs will include either providing concrete collars, grout bags, or riprap to stabilize the foundations of the bridges.	
Assumption:	
The major bridge inspection program revealed the need to address this issue and has documented the bridges needing the repairs.	
Justification:	
Needed to extend the useful life of the structures in a cost effective manner and needed to maintain the structures in a serviceable condition. Failure to address these repairs could result in closure of the structures to traffic. Recent changes in the federal bridge inspection program required this activity.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	210,200	0	0	0	0	0	210,200	0
Total Cost	210,200	0	0	0	0	0	210,200	0

Funding Schedule:

General Fund	210,200	0	0	0	0	0	210,200	0
Total Funding	210,200	0	0	0	0	0	210,200	0

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Drainage

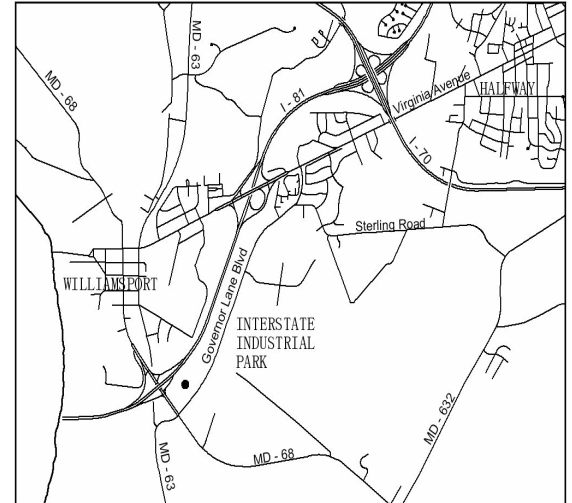


Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>Drainage</u>								
90	Interstate Industrial Park Stormwater Management	1,821,400	0	0	0	0	0	972,200	849,200
91	Charles Mill Road Culvert	131,300	0	131,300	0	0	0	0	0
92	Trego Road Culvert, 4000 Block	186,700	0	11,200	175,500	0	0	0	0
93	Maugansville Road Culvert	225,000	0	0	0	0	0	225,000	0
94	Stream Restoration at Various Locations	944,700	40,800	404,000	0	41,200	416,200	0	42,500
95	Broadfording Road Culvert, 16500 Block	244,700	0	0	244,700	0	0	0	0
96	York Road Drainage Improvements	117,200	0	0	0	0	117,200	0	0
97	Brookfield Avenue Drainage	94,900	0	94,900	0	0	0	0	0
98	Kilarney Drive Culvert	40,000	0	40,000	0	0	0	0	0
99	Trego Mountain Road Culverts	295,800	0	0	0	295,800	0	0	0
	Drainage Total	4,101,700	40,800	681,400	420,200	337,000	533,400	1,197,200	891,700
	Funding Source - All Projects								
	General Fund	2,148,500	40,800	681,400	420,200	337,000	533,400	0	135,700
	Tax Supported Bond	751,700	0	0	0	0	0	751,700	0
	Contributions	1,201,500	0	0	0	0	0	445,500	756,000
	TOTAL	4,101,700	40,800	681,400	420,200	337,000	533,400	1,197,200	891,700

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Project Title and Location:	Project Number: 10
Interstate Industrial Park Stormwater Management	
Account Number:	DNG012
Description:	
Upgrade existing stormwater management pond at the south end of the industrial park. Upgrade will close sinkholes, improve dam embankment, increase storage volume and modify outlet structure.	
Assumption:	
The project is to be a joint effort between the County and private developer. Full project costs are shown, developer share may be 52%.	
Justification:	
The upgrade is needed to address downstream flooding conditions, address sinkholes and provide enhanced stormwater management for previously approved development.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	41,346	41,346
Gross Operating Cost			0	0	0	0	41,346	41,346
Net Operating Cost			0	0	0	0	41,346	41,346

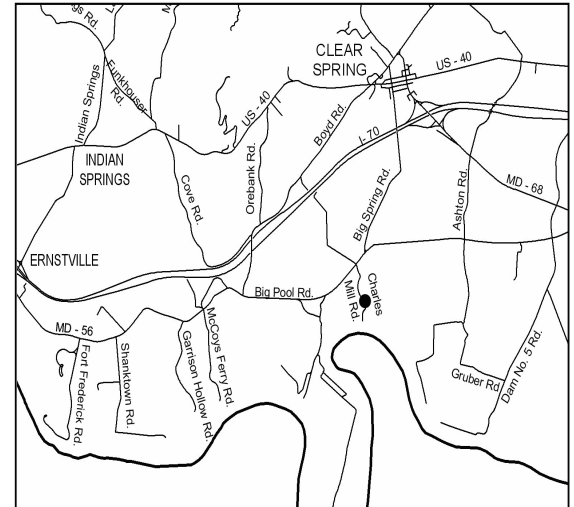
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,217,100	0	0	0	0	0	367,900	849,200
Inspection	78,800	0	0	0	0	0	78,800	0
Land Acquisition	525,500	0	0	0	0	0	525,500	0
Total Cost	1,821,400	0	0	0	0	0	972,200	849,200

Funding Schedule:

Contributions	1,201,500	0	0	0	0	0	445,500	756,000
General Fund	93,200	0	0	0	0	0	0	93,200
Tax Supported Bond	526,700	0	0	0	0	0	526,700	0
Total Funding	1,821,400	0	0	0	0	0	972,200	849,200

Project Title and Location:	Project Number: 34
Charles Mill Road Culvert	
Account Number:	DNG032
Description:	
This project is located in the 11300 block of Charles Mill Road (ADC Map 18, Grid B-8). Replace small concrete structure with concrete pipe and new headwalls. Upgraded traffic barrier will be added as well to improve safety. This structure is adjacent to culvert 04/05.	
Assumption:	
It is assumed that this project will be combined with the Pennsylvania Avenue culvert in Hancock for bidding purposes.	
Justification:	
Needed to replace structure that is near the end of its useful life. Due to structure type and size, no practical repair options exist.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

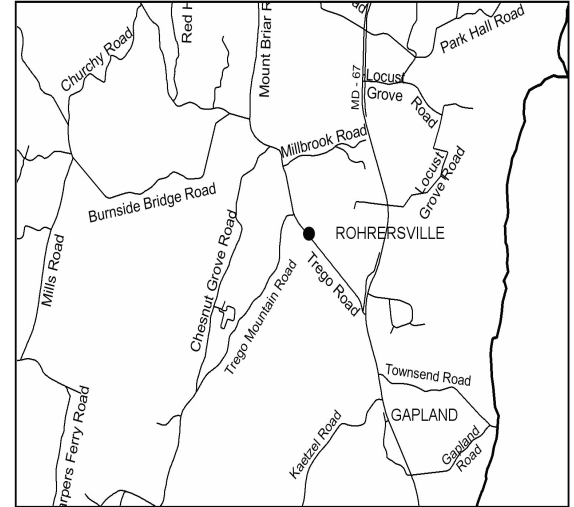
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	101,000	0	101,000	0	0	0	0	0
Inspection	22,200	0	22,200	0	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Utilities	3,000	0	3,000	0	0	0	0	0
Total Cost	131,300	0	131,300	0	0	0	0	0

Funding Schedule:

General Fund	131,300	0	131,300	0	0	0	0	0
Total Funding	131,300	0	131,300	0	0	0	0	0

Project Title and Location:	Project Number: 963
Trego Road Culvert, 4000 Block	
Account Number:	DNG033
Description:	
This project is located in the 4000 block of Trego Road (ADC Map 35, Grid B-5). Replace the existing concrete slab bridge with a reinforced concrete pipe and headwalls.	
Assumption:	
It is assumed that this project will be combined with the Trego Road culvert 08/06 and Mt. Lena Road bridge 16/05 projects for bidding purposes.	
Justification:	
Needed to replace structure that is nearing the end of its useful life. Although the Highway Department has recently made some repairs, due the to type of the structure, no practical long term repair options exist.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

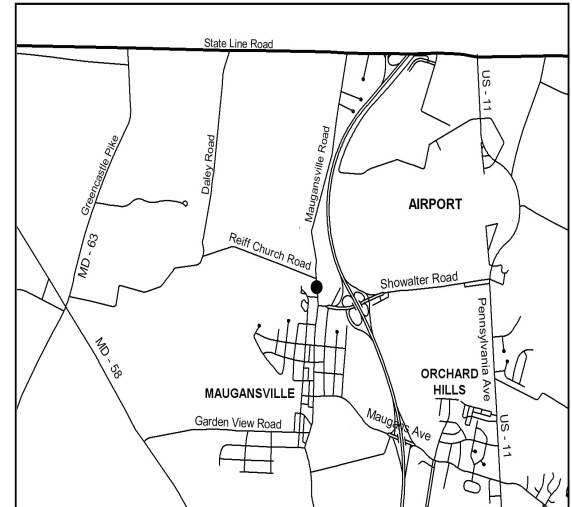
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	146,900	0	0	146,900	0	0	0	0
Inspection	28,600	0	0	28,600	0	0	0	0
Land Acquisition	5,100	0	5,100	0	0	0	0	0
Utilities	6,100	0	6,100	0	0	0	0	0
Total Cost	186,700	0	11,200	175,500	0	0	0	0

Funding Schedule:

General Fund	186,700	0	11,200	175,500	0	0	0	0
Total Funding	186,700	0	11,200	175,500	0	0	0	0

Project Title and Location:	Project Number: 1,004
Maugansville Road Culvert	
Account Number:	
Description:	
This project is located at the 14100 block of Maugansville Road (ADC Map 10, Grid A-7). Replace existing corrugated metal pipes with larger concrete pipe or small box culvert and new headwalls. Upgraded traffic barrier will be added as well to improve safety.	
Assumption:	
Project costs are based on a contractor performing the work. The Highway Department has suggested that they perform the work.	
Justification:	
Needed to replace structure that is nearing the end of its useful life. Due to structure type and size, no practical repair options exist. Also, pipes are undersized and cause flooding issues on upstream properties.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	17,663	17,663
Gross Operating Cost			0	0	0	0	17,663	17,663
Net Operating Cost			0	0	0	0	17,663	17,663

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	183,900	0	0	0	0	0	183,900	0
Inspection	30,500	0	0	0	0	0	30,500	0
Land Acquisition	5,300	0	0	0	0	0	5,300	0
Utilities	5,300	0	0	0	0	0	5,300	0
Total Cost	225,000	0	0	0	0	0	225,000	0

Funding Schedule:

Tax Supported Bond	225,000	0	0	0	0	0	225,000	0
Total Funding	225,000	0	0	0	0	0	225,000	0

Project Title and Location:	Project Number: 1,009
Stream Restoration at Various Locations	
Account Number:	DNG030
Description:	
Restore stream banks at various locations on the Antietam Creek and Conococheague Creek to improve water quality.	
Assumption:	
These fund would be leveraged with state or federal grant opportunities for water quality improvement where possible.	
Justification:	
Maryland has imposed total maximum daily load requirements (TMDL) on the 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.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	0
Gross Operating Cost			0	0	0	0	0	0
Net Operating Cost			0	0	0	0	0	0

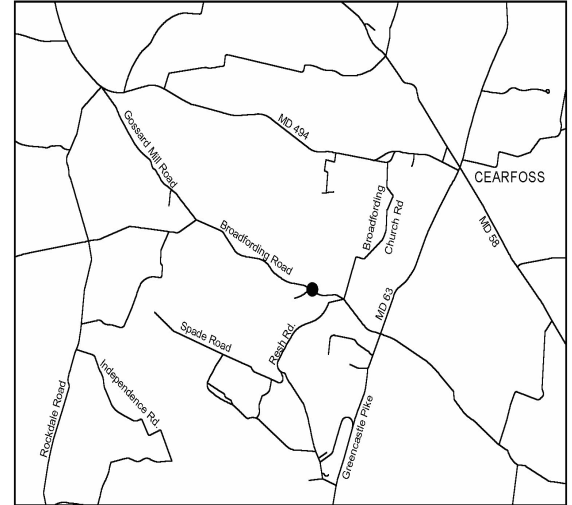
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	820,200	0	404,000	0	0	416,200	0	0
Engineering/Design	124,500	40,800	0	0	41,200	0	0	42,500
Total Cost	944,700	40,800	404,000	0	41,200	416,200	0	42,500

Funding Schedule:

General Fund	944,700	40,800	404,000	0	41,200	416,200	0	42,500
Tax Supported Bond	0	0	0	0	0	0	0	0
Total Funding	944,700	40,800	404,000	0	41,200	416,200	0	42,500

Project Title and Location:	Project Number:	1,035
Broadfording Road Culvert, 16500 Block		
Account Number:		
Description:		
<p>This project is located at the 16500 block of Broadfording Road (ADC Map 9, Grid B-10). Replace corrugated metal pipe with concrete pipe and replace deteriorated masonry headwall with new concrete headwalls. Upgraded traffic barrier will be added to improve safety.</p>		
Assumption:		
Justification:		
<p>Need to replace structure that is nearing the end of its useful life. Due to structure type and size, no practical long term repair options exist. The roadway has begun to settle near the deteriorated headwall.</p>		



Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	214,200	0	0	214,200	0	0	0	0
Inspection	22,400	0	0	22,400	0	0	0	0
Land Acquisition	2,000	0	0	2,000	0	0	0	0
Utilities	6,100	0	0	6,100	0	0	0	0
Total Cost	244,700	0	0	244,700	0	0	0	0

General Fund	244,700	0	0	244,700	0	0	0	0
Total Funding	244,700	0	0	244,700	0	0	0	0

Project Title and Location: **Project Number:** 1,053

York Road Drainage Improvements

Account Number:

Description:

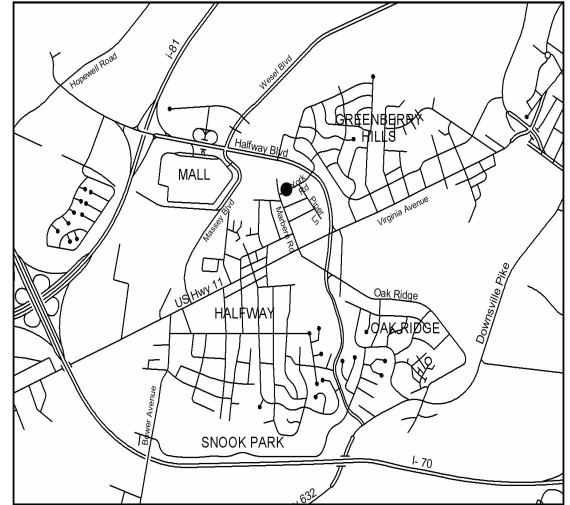
This project is located on the 17500 block of York Road between Piper Lane and Marbern Road (ADC Map 20, Grid H-8). Install surface drains along southern shoulder of York Road and tie into existing storm drain system on north side of York Road.

Assumption:

Engineering and design will be provided by in-house staff.

Justification:

Need to correct roadside flooding problems to reduce shoulder erosion and damage to residents' property.



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

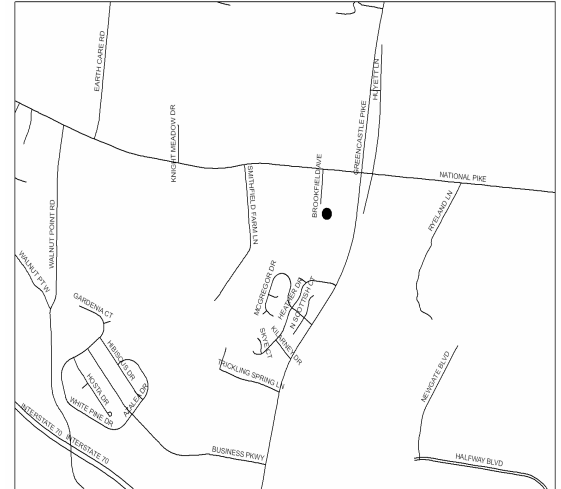
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	89,500	0	0	0	0	89,500	0	0
Inspection	22,500	0	0	0	0	22,500	0	0
Land Acquisition	2,100	0	0	0	0	2,100	0	0
Utilities	3,100	0	0	0	0	3,100	0	0
Total Cost	117,200	0	0	0	0	117,200	0	0

Funding Schedule:

General Fund	117,200	0	0	0	0	117,200	0	0
Total Funding	117,200	0	0	0	0	117,200	0	0

Project Title and Location: Brookfield Avenue Drainage	Project Number: 1,084
Account Number: DNG034	
Description: <p>This project is located at the end of Brookfield Avenue (ADC Map 20, Grid B-4). Provide channel and culvert improvements to correct road and property flooding.</p>	
Assumption: 	
Justification: <p>Needed to correct road and property flooding problems and reduce structure maintenance.</p>	



Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	74,700	0	74,700	0	0	0	0	0
Land Acquisition	20,200	0	20,200	0	0	0	0	0
Total Cost	94,900	0	94,900	0	0	0	0	0

General Fund	94,900	0	94,900	0	0	0	0	0
Total Funding	94,900	0	94,900	0	0	0	0	0

Project Title and Location:	Project Number: 1,097
Kilarney Drive Culvert	
Account Number:	DNG035
Description:	
This project is located at the intersection of Kilarney Drive and Heather Drive (ADC Map 20, Grid A-5). Slip line existing culvert with HDPE pipe and grout void space.	
Assumption:	
Project costs are based on the assumption that the work will be performed by the County Highway Department.	
Justification:	
Need to repair deteriorated structure. Due to depth of fill above culvert and length of pipe, repair is the most cost effective option.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

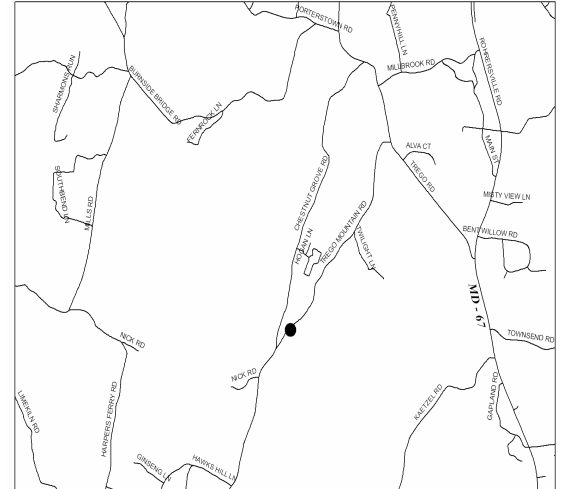
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	40,000	0	40,000	0	0	0	0	0
Total Cost	40,000	0	40,000	0	0	0	0	0

Funding Schedule:

General Fund	40,000	0	40,000	0	0	0	0	0
Total Funding	40,000	0	40,000	0	0	0	0	0

Project Title and Location:	Project Number: 1,098
Trego Mountain Road Culverts	
Account Number:	
Description:	
The project is located on the 3500 block of Trego Mountain Road (ADC Map 34, Grid H-8). Replace deteriorated culverts and masonry headwalls at two crossing locations. Upgraded traffic barrier will be added as well to improve safety.	
Assumption:	
Both culverts will be grouped together for construction as one project.	
Justification:	
Need to replace structures nearing the end of their useful life. Due to structure and size, and need for new headwalls, no practical repair option exists.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	255,000	0	0	0	255,000	0	0	0
Inspection	29,600	0	0	0	29,600	0	0	0
Land Acquisition	5,100	0	0	0	5,100	0	0	0
Utilities	6,100	0	0	0	6,100	0	0	0
Total Cost	295,800	0	0	0	295,800	0	0	0

Funding Schedule:

General Fund	295,800	0	0	0	295,800	0	0	0
Total Funding	295,800	0	0	0	295,800	0	0	0

Education



Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>Education</u>								
	Board of Education								
102	Relocatable Classrooms	1,566,200	0	0	102,000	360,600	364,200	367,900	371,500
103	Capital Maintenance - BOE	5,458,000	0	958,000	900,000	900,000	900,000	900,000	900,000
104	Ruth Ann Monroe Primary (New School)	24,963,800	16,768,000	4,886,700	3,309,100	0	0	0	0
105	East City High (New School)	8,991,400	0	0	0	0	0	3,153,000	5,838,400
106	Bester Elementary (Replacement School)	22,446,000	0	693,200	11,388,500	9,031,300	1,333,000	0	0
107	South County Elementary School - Phase I	18,791,300	0	0	0	1,545,500	9,807,700	6,142,000	1,296,100
	Board of Education Total	82,216,700	16,768,000	6,537,900	15,699,600	11,837,400	12,404,900	10,562,900	8,406,000
	Hagerstown Community College								
108	Arts and Sciences Complex	32,034,100	30,253,100	1,781,000	0	0	0	0	0
109	Campus Operations Building	629,900	0	0	0	0	0	0	629,900
110	Student Center and Campus Store	8,020,400	0	482,200	0	0	1,862,900	5,675,300	0
111	Learning Resource Center Renovation	4,907,100	0	0	0	0	0	313,200	4,593,900
112	Performing & Visual Arts Education Center	10,044,300	9,121,500	922,800	0	0	0	0	0
113	Police, Fire and Emergency Services Training Facility	638,200	0	0	0	0	0	0	638,200
	Hagerstown Community College Total	56,274,000	39,374,600	3,186,000	0	0	1,862,900	5,988,500	5,862,000
	Public Libraries								
114	Renovation and Expansion of the Central Library	23,595,200	15,362,400	8,232,800	0	0	0	0	0
115	Systemic Projects - Library	131,600	0	0	16,400	20,200	24,000	31,700	39,300
	Public Libraries Total	23,726,800	15,362,400	8,232,800	16,400	20,200	24,000	31,700	39,300
	Education Total	162,217,500	71,505,000	17,956,700	15,716,000	11,857,600	14,291,800	16,583,100	14,307,300
	Funding Source - All Projects								
	General Fund	16,072,746	9,719,546	196,800	502,000	760,600	764,200	3,358,100	771,500
	Tax Supported Bond	23,182,000	4,821,400	1,751,300	4,573,500	5,536,500	3,883,600	1,578,400	1,037,300
	Transfer Tax	10,360,300	5,760,300	800,000	0	0	1,200,000	1,300,000	1,300,000
	Excise Tax - Schools	8,452,500	3,348,200	0	1,150,000	708,300	841,600	1,108,300	1,296,100
	Excise Tax - Library	531,154	383,154	16,400	16,400	20,200	24,000	31,700	39,300
	Capital Reserve - General	7,420,500	5,169,700	1,027,000	1,223,800	0	0	0	0
	State Grant	87,068,400	37,083,000	10,255,000	8,250,300	4,832,000	7,578,400	9,206,600	9,863,100
	Contributions	9,129,900	5,219,700	3,910,200	0	0	0	0	0
	TOTAL	162,217,500	71,505,000	17,956,700	15,716,000	11,857,600	14,291,800	16,583,100	14,307,300

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Project Title and Location:	Project Number: 80
Relocatable Classrooms	
Account Number:	SCH008
Description:	
Install relocatable classrooms at sites to be determined by enrollment projections.	
 Assumption:	
 Justification:	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	0
Gross Operating Cost			0	0	0	0	0	0
Net Operating Cost			0	0	0	0	0	0

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,566,200	0	0	102,000	360,600	364,200	367,900	371,500
Total Cost	1,566,200	0	0	102,000	360,600	364,200	367,900	371,500

Funding Schedule:

General Fund	1,566,200	0	0	102,000	360,600	364,200	367,900	371,500
Tax Supported Bond	0	0	0	0	0	0	0	0
Total Funding	1,566,200	0	0	102,000	360,600	364,200	367,900	371,500

Project Title and Location:	Project Number: 81
Capital Maintenance - BOE	
Account Number:	SCH006
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 include improved lighting, sidewalk replacements, paving repairs, flooring repairs, door replacement, large painting projects, locker replacement, interior renovations, and security system installations. Projects are targeted to reduce deferred maintenance.	
Assumption:	
Justification:	
On going maintenance improvements of the system outside of the General Fund budget.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	0
Gross Operating Cost			0	0	0	0	0	0
Net Operating Cost			0	0	0	0	0	0

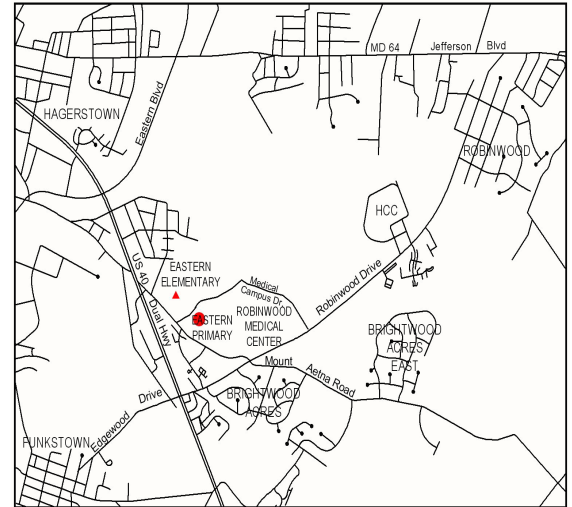
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	5,458,000	0	958,000	900,000	900,000	900,000	900,000	900,000
Total Cost	5,458,000	0	958,000	900,000	900,000	900,000	900,000	900,000

Funding Schedule:

Capital Reserve - General	250,000	0	250,000	0	0	0	0	0
General Fund	2,150,000	0	150,000	400,000	400,000	400,000	400,000	400,000
State Grant	3,058,000	0	558,000	500,000	500,000	500,000	500,000	500,000
Tax Supported Bond	0	0	0	0	0	0	0	0
Total Funding	5,458,000	0	958,000	900,000	900,000	900,000	900,000	900,000

Project Title and Location:	Project Number: 85
Ruth Ann Monroe Primary (New School)	
Account Number:	SCH025
Description:	
New school construction of an 81,000 square foot primary school building to house pre-kindergarten through second grade. The school will be sistered with Eastern Elementary which will house third through fifth grade. Provisions have been made in this budget request to include an expanded gymnasium in partnership with the Buildings, Grounds and Parks Department.	
Assumption:	
State Funding includes:	
School construction	\$14,039,000
Program Open Space - Gym	250,000
Total	\$14,289,000
Justification:	
Residential development has caused enrollment increases on the east side of the City of Hagerstown, resulting in many of the schools being over capacity. This school will alleviate this problem.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	36.5	36.5	36.5	36.5	36.5
New Operational Cost			0	460,084	446,632	463,828	463,828	463,828
Gross Operating Cost			0	460,084	446,632	463,828	463,828	463,828
Net Operating Cost			0	460,084	446,632	463,828	463,828	463,828

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	20,996,200	13,623,200	4,619,400	2,753,600	0	0	0	0
Contingency	900,000	900,000	0	0	0	0	0	0
Engineering/Design	1,795,800	1,795,800	0	0	0	0	0	0
Equipment/Furniture	861,500	306,000	0	555,500	0	0	0	0
Inspection	100,000	100,000	0	0	0	0	0	0
Utilities	310,300	43,000	267,300	0	0	0	0	0
Total Cost	24,963,800	16,768,000	4,886,700	3,309,100	0	0	0	0

Funding Schedule:

Capital Reserve - General	3,191,900	2,502,200	689,700	0	0	0	0	0
Excise Tax - Schools	3,348,200	3,348,200	0	0	0	0	0	0
General Fund	487,300	487,300	0	0	0	0	0	0
State Grant	14,828,100	7,322,000	4,197,000	3,309,100	0	0	0	0
Tax Supported Bond	3,108,300	3,108,300	0	0	0	0	0	0
Total Funding	24,963,800	16,768,000	4,886,700	3,309,100	0	0	0	0

Project Title and Location:	Project Number: 86
East City High (New School)	
Account Number:	
Description:	
Provides a new 155,280 square foot high school with a capacity of 848 students, and core space (s) to support future enrollments up to 1,200 students. This project will cover the projected seating deficit of five other high schools.	
 Assumption:	
This budget does not include funds for the purchase of land. This budget does not include the cost of off-site infrastructure, including roads and public utilities.	
 Justification:	
Enrollment pressures at multiple high schools in the eastern and central area of the county will require the construction of a new high school.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	0	0	0
Debt Service			0	0	0	0	40,349	40,349
Gross Operating Cost			0	0	0	0	40,349	40,349
Net Operating Cost			0	0	0	0	40,349	40,349

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	7,775,900	0	0	0	0	0	2,627,500	5,148,400
Engineering/Design	1,215,500	0	0	0	0	0	525,500	690,000
Equipment/Furniture	0	0	0	0	0	0	0	0
Total Cost	8,991,400	0	0	0	0	0	3,153,000	5,838,400

Funding Schedule:

Excise Tax - Schools	48,800	0	0	0	0	0	48,800	0
General Fund	2,590,200	0	0	0	0	0	2,590,200	0
State Grant	5,838,400	0	0	0	0	0	0	5,838,400
Tax Supported Bond	514,000	0	0	0	0	0	514,000	0
Total Funding	8,991,400	0	0	0	0	0	3,153,000	5,838,400

Project Title and Location:	Project Number:	89
Bester Elementary (Replacement School)		
Account Number:	SCH031	
Description:		
<p>Construct a new school to replace the existing Bester Elementary on the existing site. The new school is planned as a four-round school, increasing the student capacity of this school from 511 students to 608 students. Portions of the existing school building will be demolished to make room for appropriate drives and play fields. Provisions have been made within this budget request to include an expanded gymnasium for community use in partnership with the Buildings, Grounds and Parks Department.</p>		
Assumption:		
Justification:		
<p>This configuration of this aging building no longer meets the educational needs of the student population. By increasing the capacity of the school on the current site, enrollment pressures will be eased and class sizes can remain smaller. This project also creates an opportunity to create a center of excellence in a neighborhood environment and offer course work and curriculum enhancements that would not otherwise be able to offered.</p>		



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	10,000	10,000	10,000
Debt Service			47,563	406,583	719,876	719,876	719,876	719,876
Gross Operating Cost			47,563	406,583	719,876	729,876	729,876	729,876
Net Operating Cost			47,563	406,583	719,876	729,876	729,876	729,876

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	19,845,100	0	0	10,113,800	8,398,300	1,333,000	0	0
Engineering/Design	1,557,200	0	693,200	784,400	79,600	0	0	0
Equipment/Furniture	1,043,700	0	0	490,300	553,400	0	0	0
Total Cost	22,446,000	0	693,200	11,388,500	9,031,300	1,333,000	0	0

Funding Schedule:

Capital Reserve - General	1,311,100	0	87,300	1,223,800	0	0	0	0
Excise Tax - Schools	1,858,300	0	0	1,150,000	708,300	0	0	0
State Grant	10,106,200	0	0	4,441,200	4,332,000	1,333,000	0	0
Tax Supported Bond	9,170,400	0	605,900	4,573,500	3,991,000	0	0	0
Total Funding	22,446,000	0	693,200	11,388,500	9,031,300	1,333,000	0	0

Project Title and Location:	Project Number: 940
South County Elementary School - Phase I	
Account Number:	
Description:	
3-Round, Pre-K - 5 grade school. School will be 56,818 square foot and house 471 students, with a core space sized for a 5-round school to accommodate future expansion. Provisions have been made within this budget request to include an expanded gymnasium for community use in partnership with the Buildings, Grounds and Parks Department.	
Assumption:	
Land and off-site appurtenance needs have not been identified, and the cost of such is not included in this budget.	
Justification:	
Continued housing development in the south county region is causing enrollment growth requiring the need for increased seat capacity.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	0	843,590	843,590
Debt Service			0	0	121,322	426,184	426,184	426,184
Gross Operating Cost			0	0	121,322	426,184	1,269,774	1,269,774
Net Operating Cost			0	0	121,322	426,184	1,269,774	1,269,774

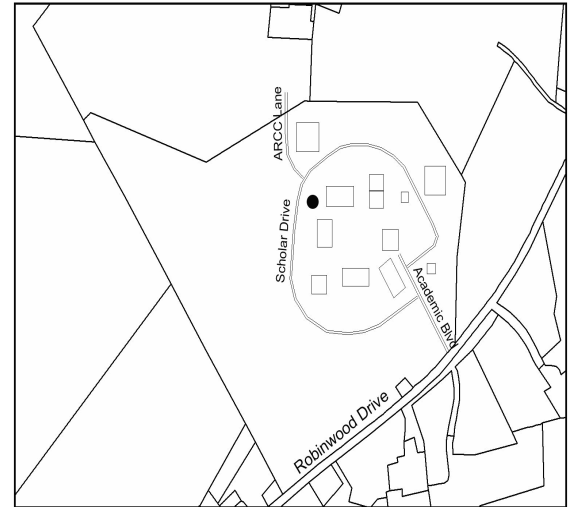
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	16,079,600	0	0	0	515,200	9,053,300	5,215,000	1,296,100
Engineering/Design	1,471,800	0	0	0	1,030,300	234,100	207,400	0
Equipment/Furniture	1,239,900	0	0	0	0	520,300	719,600	0
Total Cost	18,791,300	0	0	0	1,545,500	9,807,700	6,142,000	1,296,100

Funding Schedule:

Excise Tax - Schools	3,197,200	0	0	0	0	841,600	1,059,500	1,296,100
State Grant	10,165,000	0	0	0	0	5,082,500	5,082,500	0
Tax Supported Bond	5,429,100	0	0	0	1,545,500	3,883,600	0	0
Total Funding	18,791,300	0	0	0	1,545,500	9,807,700	6,142,000	1,296,100

Project Title and Location:	Project Number: 93
Arts and Sciences Complex	
Account Number:	COL016
Description:	
<p>The Arts and Science Complex (ASC) is a two-phased project consisting of three buildings. Phase 1 is the construction of a new 63,000 gsf Science, Technology, Engineering and Mathematics (STEM) Buildings. Phase 2 of the ASC will renovate the current Science Building into the Learning Center. This Phase will also include the renovation of the current Classroom Building that will remain an academic building with classrooms, foreign language lab and faculty offices.</p>	
Assumption:	
<p>State funding - 61.7% Local funding - 38.3%</p>	
Justification:	
<p>The project will include asbestos abatement, modernization of instructional spaces to meet ADA standards and requirements.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			206,292	268,224	278,953	290,111	301,715	313,784
New Facilities Cost			191,692	199,360	207,334	215,627	224,252	233,222
FTE			4	2	0	0	0	0
Gross Operating Cost			397,988	467,586	486,287	505,738	525,967	547,006
Net Operating Cost			397,988	467,586	486,287	505,738	525,967	547,006

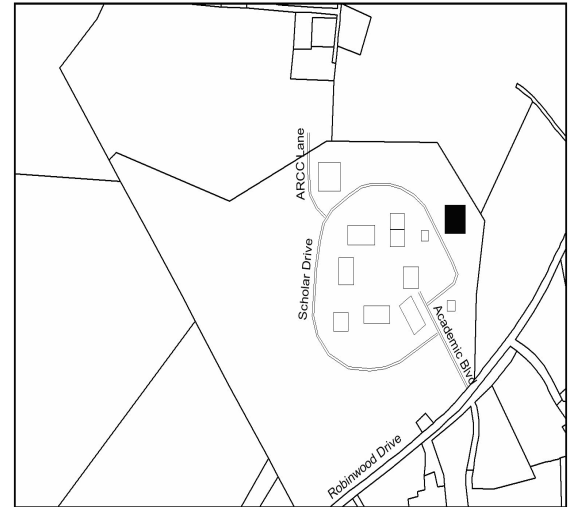
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	25,203,100	25,203,100	0	0	0	0	0	0
Engineering/Design	2,200,000	1,900,000	300,000	0	0	0	0	0
Equipment/Furniture	2,481,000	1,000,000	1,481,000	0	0	0	0	0
Inspection	870,000	870,000	0	0	0	0	0	0
Utilities	1,280,000	1,280,000	0	0	0	0	0	0
Total Cost	32,034,100	30,253,100	1,781,000	0	0	0	0	0

Funding Schedule:

Capital Reserve - General	1,568,600	1,568,600	0	0	0	0	0	0
Contributions	1,554,100	119,700	1,434,400	0	0	0	0	0
General Fund	4,244,500	4,244,500	0	0	0	0	0	0
State Grant	18,880,000	18,880,000	0	0	0	0	0	0
Transfer Tax	5,786,900	5,440,300	346,600	0	0	0	0	0
Total Funding	32,034,100	30,253,100	1,781,000	0	0	0	0	0

Project Title and Location:	Project Number: 94
Campus Operations Building	
Account Number:	
Description:	
This project is new construction to accommodate maintenance, garage and shop areas. The building will house other campus operations such as business and procurement services, as well as reprographic services and will include a central shipping and receiving area that does not currently exist.	
Assumption:	
Justification:	
These departments are currently housed in the Career Programs Building and Advanced Technology Center. The space they occupy is needed for additional instructional spaces including the possible development of a trades program. Centralization of these functions with a central shipping and receiving area will maximize efficiency and staff productivity.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	2.0
New Operational Cost			0	0	0	0	0	60,735
New Facilities Cost			0	0	0	0	0	31,832
Debt Service			0	0	0	0	0	19,539
Gross Operating Cost			0	0	0	0	0	112,106
Net Operating Cost			0	0	0	0	0	112,106

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	0	0	0	0	0	0	0	0
Engineering/Design	331,100	0	0	0	0	0	0	331,100
Equipment/Furniture	298,800	0	0	0	0	0	0	298,800
Total Cost	629,900	0	0	0	0	0	0	629,900

Funding Schedule:

State Grant	381,000	0	0	0	0	0	0	381,000
Tax Supported Bond	248,900	0	0	0	0	0	0	248,900
Transfer Tax	0	0	0	0	0	0	0	0
Total Funding	629,900	0	0	0	0	0	0	629,900

Project Title and Location:	Project Number: 95
Student Center and Campus Store	
Account Number:	COL019
Description:	
<p>The College/Student Center currently houses student service functions such as the Bookstore, Food Service, meeting space, student activities and student government. With the anticipated enrollment growth over the next several years, these spaces will need to be expanded to continue to provide these basic services.</p>	
Assumption:	
Overall Funding:	
State:	52.43%
County:	47.57%
Justification:	
<p>Student enrollment has increased 68% since FY 02, when the building was first designated for student use. With the national and state initiatives related to retention and graduation, studies have shown that traditional aged students are retained when they have an environment conducive to social interaction and activities similar to four-year institutions. Based on these dramatic enrollment increases, it is requested that the project time line be accelerated from FY16/FY17 to FY15/FY16.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	2.0	2.0	2.0
New Operational Cost			0	0	0	89,148	92,714	96,422
Debt Service			36,353	36,353	36,353	36,353	110,332	110,332
Gross Operating Cost			36,353	36,353	36,353	125,501	203,046	206,754
Net Operating Cost			36,353	36,353	36,353	125,501	203,046	206,754

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Architect Fees	482,200	0	482,200	0	0	0	0	0
Construction	6,724,000	0	0	0	0	1,862,900	4,861,100	0
Equipment/Furniture	814,200	0	0	0	0	0	814,200	0
Total Cost	8,020,400	0	482,200	0	0	1,862,900	5,675,300	0

Funding Schedule:

State Grant	4,095,800	0	0	0	0	662,900	3,432,900	0
Tax Supported Bond	1,405,500	0	463,100	0	0	0	942,400	0
Transfer Tax	2,519,100	0	19,100	0	0	1,200,000	1,300,000	0
Total Funding	8,020,400	0	482,200	0	0	1,862,900	5,675,300	0

Project Title and Location:	Project Number: 96
Learning Resource Center Renovation	
Account Number:	
Description:	
Programs currently housed in this building will be relocated to the Arts and Sciences Complex. The relocation will allow for the expansion of the Adult Basic Education program and other programs currently housed in the LRC.	
Assumption:	
Justification:	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	0	99,600	103,584
Debt Service			0	0	0	0	9,577	50,083
Gross Operating Cost			0	0	0	0	109,177	153,667
Net Operating Cost			0	0	0	0	109,177	153,667

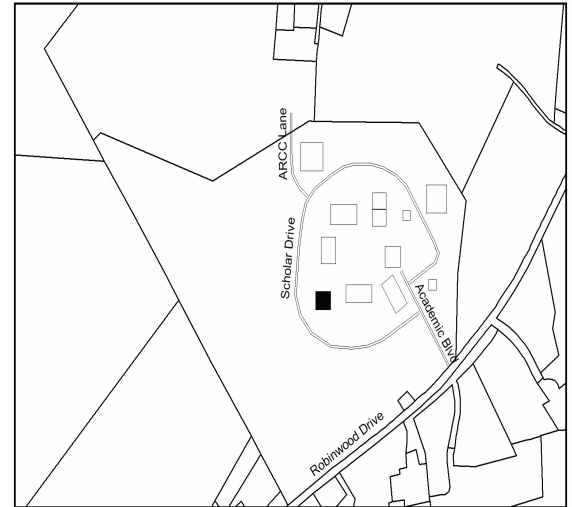
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Architect Fees	313,200	0	0	0	0	0	313,200	0
Construction	4,176,200	0	0	0	0	0	0	4,176,200
Equipment/Furniture	417,700	0	0	0	0	0	0	417,700
Total Cost	4,907,100	0	0	0	0	0	313,200	4,593,900

Funding Schedule:

State Grant	2,969,100	0	0	0	0	0	191,200	2,777,900
Tax Supported Bond	638,000	0	0	0	0	0	122,000	516,000
Transfer Tax	1,300,000	0	0	0	0	0	0	1,300,000
Total Funding	4,907,100	0	0	0	0	0	313,200	4,593,900

Project Title and Location:	Project Number: 952
Performing & Visual Arts Education Center	
Account Number:	COL017
Description:	
<p>The purpose of this project is to renovate the Kepler Theater and add a Performing & Visual Arts Education Center. The project will be the last phase of the Arts & Sciences Complex. The project will expand the lobby to include a gallery and create an educational space for the performing and visual arts.</p>	
Assumption:	
<p>Justification:</p> <p>Overall, this project will bring the facility up to fire, life safety and ADA codes. Heating, cooling, lighting and plumbing will all be upgraded. The renovation will allow the College to hold more large scale events and receptions in the Theater, which currently is under utilized as a result of space limitations. In addition, usage can be expanded to more community groups, whose requests are frequently not honored because of space limitations. Increased storage will enhance its usability as a site for student productions and other college events.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			1.0	1.0	1.0	1.0	1.0	1.0
New Operational Cost			38,006	39,526	41,107	42,751	44,461	46,239
New Facilities Cost			59,326	61,699	64,167	66,734	69,403	72,179
Gross Operating Cost			97,332	101,225	105,274	109,485	113,864	118,418
Net Operating Cost			97,332	101,225	105,274	109,485	113,864	118,418

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	8,627,500	8,180,500	447,000	0	0	0	0	0
Engineering/Design	320,000	320,000	0	0	0	0	0	0
Equipment/Furniture	475,800	0	475,800	0	0	0	0	0
Inspection	257,000	257,000	0	0	0	0	0	0
Utilities	364,000	364,000	0	0	0	0	0	0
Total Cost	10,044,300	9,121,500	922,800	0	0	0	0	0

Funding Schedule:

Contributions	2,075,800	1,600,000	475,800	0	0	0	0	0
General Fund	2,133,200	2,120,500	12,700	0	0	0	0	0
State Grant	5,081,000	5,081,000	0	0	0	0	0	0
Transfer Tax	754,300	320,000	434,300	0	0	0	0	0
Total Funding	10,044,300	9,121,500	922,800	0	0	0	0	0

Project Title and Location: **Project Number:** 955

Police, Fire and Emergency Services Training Facility

Account Number:

Description:

As the need for police, fire, and emergency services continues to grow, the need for a facility for training emergency personnel grows as well. Such a facility would be centralized to the area, easily accessible, and utilized by state, county and local police departments, correctional guards, and security guards. Classroom training for fire and emergency services departments, that predominantly takes place currently in local fire houses, would be held in this facility. This project would be a natural extension of similar training already offered at HCC, such as the Emergency Medical Technician and Administration of Justice programs.

Assumption:

Justification:

This facility will provide a needed local service to the large number of police, fire, correctional, and other emergency services personnel serving in and around Washington County, as well as provide training to people planning to enter those fields. As the area continues to grow, this will help meet the increasing demand for trained EMS personnel.



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	0	0	0
New Facilities Cost			0	0	0	0	0	0
FTE			0	0	0	0	0	0
Debt Service			0	0	0	0	0	21,383
Gross Operating Cost			0	0	0	0	0	21,383
Net Operating Cost			0	0	0	0	0	21,383

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	0	0	0	0	0	0	0	0
Engineering/Design	638,200	0	0	0	0	0	0	638,200
Equipment/Furniture	0	0	0	0	0	0	0	0
Total Cost	638,200	0	0	0	0	0	0	638,200

Funding Schedule:

State Grant	365,800	0	0	0	0	0	0	365,800
Tax Supported Bond	272,400	0	0	0	0	0	0	272,400
Transfer Tax	0	0	0	0	0	0	0	0
Total Funding	638,200	0	0	0	0	0	0	638,200

Project Title and Location:	Project Number: 6
Renovation and Expansion of the Central Library	
Account Number:	BLD046
Description:	
Acquire land, demolish buildings, relocate public utilities and construct surface parking lot. Renovate existing library and construct an expansion for a total building square footage of 84,357.	
Assumption:	
\$11.3M state grants obtained, additional state grant of \$200,000 pending. Private contributions: \$2.0M library endowment; \$1.0M capital campaign; \$1.0M donation (anonymous donor), and \$1.5M City of Hagerstown, all totalling \$5,500,000. Library operating budget will pay for move and temporary facilities during construction.	
Justification:	
Different library consultants in 1990, 1999, and 2006 recommend an expansion and renovation of the Central Library. The Library, built in 1964, has undergone cosmetic improvements and system upgrades but after 40 years of service it needs a complete overhauling. The Central Library serves over 1,000 people per day. It is the anchor for the city's Arts and Entertainment District. It will be the library for the new high school for the arts. The city supports this project as vital to the reemergence of the downtown. The Central Library serves as the headquarters of the Western Maryland Regional Libraries which serves Garrett, Allegany, and Washington counties. The Central Branch is the operations center for the entire library system which includes seven branches and a bookmobile.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	5.0	5.0	5.0	0.0	0.0
New Operational Cost			0	98,000	328,756	328,756	0	0
Debt Service			188,039	188,039	188,039	188,039	188,039	188,039
Gross Operating Cost			188,039	286,039	516,795	516,795	188,039	188,039
Net Operating Cost			188,039	286,039	516,795	516,795	188,039	188,039

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	20,090,300	11,978,700	8,111,600	0	0	0	0	0
Engineering/Design	1,406,200	1,406,200	0	0	0	0	0	0
Inspection	248,700	127,500	121,200	0	0	0	0	0
Land Acquisition	1,400,000	1,400,000	0	0	0	0	0	0
Planning	100,000	100,000	0	0	0	0	0	0
Relocation Fees	350,000	350,000	0	0	0	0	0	0
Total Cost	23,595,200	15,362,400	8,232,800	0	0	0	0	0

Funding Schedule:

Capital Reserve - General	1,098,900	1,098,900	0	0	0	0	0	0
Contributions	5,500,000	3,500,000	2,000,000	0	0	0	0	0
Excise Tax - Library	399,554	383,154	16,400	0	0	0	0	0
General Fund	2,901,346	2,867,246	34,100	0	0	0	0	0
State Grant	11,300,000	5,800,000	5,500,000	0	0	0	0	0
Tax Supported Bond	2,395,400	1,713,100	682,300	0	0	0	0	0
Total Funding	23,595,200	15,362,400	8,232,800	0	0	0	0	0

Project Title and Location:	Project Number: 1,090
Systemic Projects - Library	
Account Number:	
Description:	
Future systemic projects could include chillers, boilers, rooftop HVAC units, cooling towers, roof replacements.	
Assumption:	
Justification:	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	131,600	0	0	16,400	20,200	24,000	31,700	39,300
Total Cost	131,600	0	0	16,400	20,200	24,000	31,700	39,300

Funding Schedule:

Excise Tax - Library	131,600	0	0	16,400	20,200	24,000	31,700	39,300
Total Funding	131,600	0	0	16,400	20,200	24,000	31,700	39,300

General Government



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Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>General Government</u>								
	Budget & Finance								
118	Contingency - General Fund	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000
119	Bond Issuance Costs	653,000	153,000	100,000	0	100,000	100,000	100,000	100,000
120	Financial System Management & Upgrades	388,500	0	151,500	0	237,000	0	0	0
	Budget & Finance Total	3,541,500	153,000	251,500	500,000	837,000	600,000	600,000	600,000
	Bldgs., Grounds & Parks								
121	Chiller Replacement, 100 W. Washington Street	221,100	70,000	40,000	111,100	0	0	0	0
122	Air Conditioning System - County Office Bldg	327,600	155,700	40,600	131,300	0	0	0	0
	Bldgs., Grounds & Parks Total	548,700	225,700	80,600	242,400	0	0	0	0
	Commission on Aging								
123	Senior Community Center	5,848,700	3,615,600	2,233,100	0	0	0	0	0
	Commission on Aging Total	5,848,700	3,615,600	2,233,100	0	0	0	0	0
	Information Technology								
124	Information Systems Replacement Program	619,700	0	50,500	112,100	118,200	124,300	130,700	83,900
	Information Technology Total	619,700	0	50,500	112,100	118,200	124,300	130,700	83,900
	Planning								
125	Accela Software Upgrade	250,000	0	0	0	250,000	0	0	0
	Planning Total	250,000	0	0	0	250,000	0	0	0
	Public Works - Capital Projects								
126	Demolition of Structures on Various County Properties	60,300	0	30,000	30,300	0	0	0	0
	Public Works - Capital Projects Total	60,300	0	30,000	30,300	0	0	0	0
	General Government Total	10,868,900	3,994,300	2,645,700	884,800	1,205,200	724,300	730,700	683,900
	Funding Source - All Projects								
	General Fund	5,807,800	1,916,300	312,600	884,800	855,200	624,300	630,700	583,900
	Tax Supported Bond	3,041,800	308,700	2,333,100	0	100,000	100,000	100,000	100,000
	Excise Tax - Other	47,300	47,300	0	0	0	0	0	0
	Capital Reserve - General	250,000	0	0	0	250,000	0	0	0
	Federal Grant	672,000	672,000	0	0	0	0	0	0
	State Grant	800,000	800,000	0	0	0	0	0	0
	Contributions	250,000	250,000	0	0	0	0	0	0
	TOTAL	10,868,900	3,994,300	2,645,700	884,800	1,205,200	724,300	730,700	683,900

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Project Title and Location:	Project Number: 1
Contingency - General Fund	
Account Number:	ADM002
Description:	
A reserve to provide for emergency or unanticipated expenditures for all categories.	
Assumption:	
Justification:	
Due to the inherent uncertainty in estimating capital project costs, it is written policy of the County to maintain project contingency. It is also good management practice to increase the Capital Project Contingency due to the increasing Capital Program and the increasing size of individual projects, as one project overrun or one unanticipated project could use all available funds. 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.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contingency	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000
Total Cost	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000

Funding Schedule:

General Fund	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000
Total Funding	2,500,000	0	0	500,000	500,000	500,000	500,000	500,000

Project Title and Location:	Project Number: 2
Bond Issuance Costs	
Account Number:	ADM001
Description: Costs associated with sale of bonds. The costs include fees for printing, financial advisor, bond counsel, discounts, and rating agency fees.	
Assumption:	
Justification: Bond issuance is required to finance capital improvement plan.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			19,861	19,861	27,711	35,561	43,411	51,261
Gross Operating Cost			19,861	19,861	27,711	35,561	43,411	51,261
Net Operating Cost			19,861	19,861	27,711	35,561	43,411	51,261

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Bond Issuance Expense	653,000	153,000	100,000	0	100,000	100,000	100,000	100,000
Total Cost	653,000	153,000	100,000	0	100,000	100,000	100,000	100,000

Funding Schedule:

Tax Supported Bond	653,000	153,000	100,000	0	100,000	100,000	100,000	100,000
Total Funding	653,000	153,000	100,000	0	100,000	100,000	100,000	100,000

Project Title and Location:	Project Number: 969
Financial System Management & Upgrades	
Account Number:	COM019
Description:	
Integrated financial system (general ledger, human resources, payroll, financials, purchasing, utility, and budget) is used for county-wide operations to process all financials, human resource, payroll, and purchasing functions for the County.	
Assumption:	
Assumptions that oracle platform change may be waived, thereby allowing addition of other modules.	
Justification:	
Accumulate funding for the addition of a time management system. This system would eliminate manual keypunch entry currently performed with payroll management related to the County. In addition the time management system would offer e-services as it relates to employee benefits. Insurance renewals, employee benefit information, check stubs, etc. can be accessed with the system. It would also provide options for the County in providing check services in the future. Funds are being set aside each year to have available funding for project in next 5-7 years.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Hardware/Software	388,500	0	151,500	0	237,000	0	0	0
Total Cost	388,500	0	151,500	0	237,000	0	0	0

Funding Schedule:

General Fund	388,500	0	151,500	0	237,000	0	0	0
Total Funding	388,500	0	151,500	0	237,000	0	0	0

Project Title and Location: **Project Number:** 1,081

Chiller Replacement, 100 W. Washington Street

Account Number: BLD063**Description:**

Replace 40-ton chiller at 100 West Washington Street that provides air conditioning to the first floor and basement offices. Project includes engineering, demolition and removal of the existing unit, installation, and re-plumbing.

Replace 2 - 40 Ton Chillers that provide air conditioning to the second and third floors. Project includes engineering, demolition and removal of existing units, installation and re-plumbing.

Assumption:**Justification:**

The existing 40-ton chiller is 30+ years old and is currently operating at 15-tons due to a major internal leak in the unit that allowed caustic liquids to flow through the units plumbing causing damage to the 25-ton side of the unit rendering it inoperable.

The 2 additional 40 ton chillers are 30+ years old and unreliable with parts becoming more difficult to find. Total rehabilitation of the units are not cost effective and replacement is the most cost effective method to provide efficient, reliable equipment.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	171,100	60,000	0	111,100	0	0	0	0
Engineering/Design	50,000	10,000	40,000	0	0	0	0	0
Total Cost	221,100	70,000	40,000	111,100	0	0	0	0

Funding Schedule:

General Fund	221,100	70,000	40,000	111,100	0	0	0	0
Total Funding	221,100	70,000	40,000	111,100	0	0	0	0

Project Title and Location: **Project Number:** 1,085

Air Conditioning System - County Office Bldg

Account Number: BLD064**Description:**

FY 11 - Replace existing roof top HVAC unit serving the fourth floor of the County Office Building, duct work modifications and system controls to provide for occupant comfort and compliance with air quality performance requirements.

FY 12 - 13 - Replace 120 ton chiller located in the basement that provides AC to the 1st, 2nd, and 3rd floors. Project includes engineering, demolition, and removal of existing unit, installation and re-plumbing.

Assumption:

Project assumes replacement of the unit and additional duct work modifications to create temperature zones consistent with the space use as it has been modified over the years of use.

Justification:

This was an existing project that was funded previously as --30 10930 BLD014 with a budget of \$37,000 as shown in the nVision system.

The existing unit (4th floor) does not heat and cool the space within tolerable conditions for the tenant using the facility.

The existing chiller (1st, 2nd & 3rd floor) is 40+ years old and does not provide reliable cooling to any of the floors. Repair parts are difficult to find and replacement is the most cost effective method to provide reliable cooling to the building.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	266,300	135,000	0	131,300	0	0	0	0
Engineering/Design	60,600	20,000	40,600	0	0	0	0	0
Other	700	700	0	0	0	0	0	0
Total Cost	327,600	155,700	40,600	131,300	0	0	0	0

Funding Schedule:

General Fund	171,900	0	40,600	131,300	0	0	0	0
Tax Supported Bond	155,700	155,700	0	0	0	0	0	0
Total Funding	327,600	155,700	40,600	131,300	0	0	0	0

Project Title and Location:	Project Number: 927
Senior Community Center	
Account Number:	BLD061
Description:	
Construction of Senior Community Center to provide focal point for services for senior adults in Washington County in order to maintain independence and quality of life. Centers offer information and assistance, health education, wellness/fitness opportunities, resource counseling, meals, socialization, recreation, and civic engagement.	
Assumption:	
This first center will be located on the Hagerstown Community College Campus, with plans for the development of a network of senior community centers in Washington County over the next ten years.	
Justification:	
Approximately twenty percent of the County's population is now aged 60 and over. The number of older persons will continue to grow over the next twenty years, with a projected doubling of this demographic by 2030. Other Maryland counties have had several senior community centers for a number of years to address the needs of older citizens. Washington County must address the lack of such centers in order to maintain the quality of services needed and expected in order for citizens to "age in place" and for family caregivers to have support and access to resources.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			244,530	244,530	244,530	244,530	244,530	244,530
Debt Service			175,298	175,298	175,298	175,298	175,298	175,298
Gross Operating Cost			419,828	419,828	419,828	419,828	419,828	419,828
Net Operating Cost			419,828	419,828	419,828	419,828	419,828	419,828

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	5,180,900	3,130,600	2,050,300	0	0	0	0	0
Engineering/Design	200,000	200,000	0	0	0	0	0	0
Equipment/Furniture	200,000	200,000	0	0	0	0	0	0
Inspection	140,800	60,000	80,800	0	0	0	0	0
Relocation Fees	102,000	0	102,000	0	0	0	0	0
Utilities	25,000	25,000	0	0	0	0	0	0
Total Cost	5,848,700	3,615,600	2,233,100	0	0	0	0	0

Funding Schedule:

Contributions	250,000	250,000	0	0	0	0	0	0
Excise Tax - Other	47,300	47,300	0	0	0	0	0	0
Federal Grant	672,000	672,000	0	0	0	0	0	0
General Fund	1,846,300	1,846,300	0	0	0	0	0	0
State Grant	800,000	800,000	0	0	0	0	0	0
Tax Supported Bond	2,233,100	0	2,233,100	0	0	0	0	0
Total Funding	5,848,700	3,615,600	2,233,100	0	0	0	0	0

Project Title and Location:	Project Number:	3
Information Systems Replacement Program		
Account Number:	COM011	
Description:		
Funding set aside for software and hardware development to improve the efficiencies and streamline government operations.		
Assumption:		
Justification:		
New systems continue to be implemented requiring additional personal computing resources. Systematic replacement of computer equipment allows users to keep current with hardware and software systems in use by the County. Through this program users will continue to have the capability of utilizing these systems and accomplishing their jobs in the most efficient manner.		

PROJECTED ANNUAL NEW OPERATING COSTS:

			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Hardware/Software	619,600	0	50,500	112,100	118,200	124,200	130,700	83,900
Total Cost	619,600	0	50,500	112,100	118,200	124,200	130,700	83,900

Funding Schedule:

General Fund	619,600	0	50,500	112,100	118,200	124,200	130,700	83,900
Total Funding	619,600	0	50,500	112,100	118,200	124,200	130,700	83,900

Project Title and Location:	Project Number: 1,117
Accela Software Upgrade	
Account Number:	
Description:	
<p>The County has been using Permits PlusTM, a vendor provided permit and plan tracking application since 1991. This application is utilized by multiple County departments, divisions as well as other County agencies and jurisdictions to track various permits and plans for progress, compliance and approvals. This project encompasses upgrading the vendor's ten (10) year old Microsoft Windows based version to the vendor's Web-based Accela AutomationTM platform. Also included in the project is an upgrade to the companion integrated voice response (IVR) system. This system provides 24/7 citizen access to Accela AutomationTM services and information via a telephone.</p>	
Assumption:	
<p>We anticipate that with the vendor will waive software upgrade license fees and the annual maintenance software costs will decrease. The majority of the project costs are for data conversion; consultant assistance to create and/or update scripts, work flow, and reporting; administrator and end-user training; replacement hardware; and Microsoft system and database software.</p>	
Justification:	
<p>Migrating to the Accela AutomationTM will provide a complete replacement solution for automating critical tasks associated with permitting, code enforcement, community development and planning, inspections and investigations, licensing and case management, asset and resource management. Accela AutomationTM utilizes an open architecture and a centralized database that promotes data sharing across departments, divisions, jurisdictions and agencies and delivers a complete solution to automate workflow, forms management, activity tracking, cashing, robust reporting, scripting, 24/7 citizen access via the Internet, improved mobile functionality for field personnel and geographic information systems (GIS) integration for parcel management.</p>	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Hardware/Software	250,000	0	0	0	250,000	0	0	0
Total Cost	250,000	0	0	0	250,000	0	0	0

Funding Schedule:

Capital Reserve - General	250,000	0	0	0	250,000	0	0	0
Total Funding	250,000	0	0	0	250,000	0	0	0

Project Title and Location:	Project Number: 1,111
Demolition of Structures on Various County Properties	
Account Number:	LDI041
Description:	
Washington County has acquired properties at various locations in the county for future capital improvements. These properties have associated buildings/structures that are expected to be demolished for upcoming county projects.	
Assumption:	
Justification:	
The existing properties are not completely conducive for future county work without demolition of these structures.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	60,300	0	30,000	30,300	0	0	0	0
Total Cost	60,300	0	30,000	30,300	0	0	0	0

Funding Schedule:

General Fund	60,300	0	30,000	30,300	0	0	0	0
Total Funding	60,300	0	30,000	30,300	0	0	0	0

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Parks and Recreation

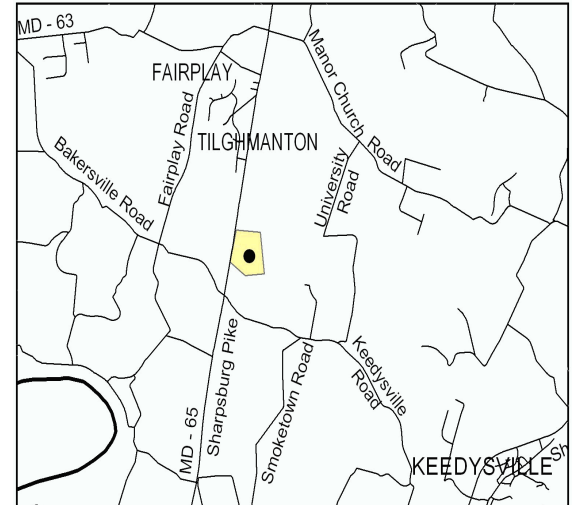


Washington County, Maryland
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Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	Five Year Capital Program				
						FY 2014	FY 2015	FY 2016	FY 2017	
130	Cash Requirements									
	<u>Parks & Recreation</u>									
	Rural Heritage Transportation Museum	350,000	0	350,000	0	0	0	0	0	0
	Parks & Recreation Total	350,000	0	350,000	0	0	0	0	0	0
	TOTAL	350,000	0	350,000	0	0	0	0	0	0
	Funding Source - All Projects									
	State Grant	175,000	0	175,000	0	0	0	0	0	0
	Contributions	175,000	0	175,000	0	0	0	0	0	0
	TOTAL	350,000	0	350,000	0	0	0	0	0	0

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Project Title and Location:	Project Number: 236
Rural Heritage Transportation Museum	
Account Number:	BLD068
Description:	
The project consist of construction of an 60' x 120' building to house the Rural Heritage Transportation Museum.	
Assumption:	
State Matching Grant	
Justification:	
This project is part of the long range plan for the Washington County Agricultural Education Center	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			700	700	700	750	750	750
Gross Operating Cost			700	700	700	750	750	750
Net Operating Cost			700	700	700	750	750	750

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	335,000	0	335,000	0	0	0	0	0
Inspection	15,000	0	15,000	0	0	0	0	0
Total Cost	350,000	0	350,000	0	0	0	0	0

Funding Schedule:

Contributions	175,000	0	175,000	0	0	0	0	0
State Grant	175,000	0	175,000	0	0	0	0	0
Total Funding	350,000	0	350,000	0	0	0	0	0

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Public Safety

Public
Safety



Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>Public Safety</u>								
	Communication Maintenance								
134	Communications System Narrowbanding	403,000	0	50,000	316,000	37,000	0	0	0
	Communication Maintenance Total	403,000	0	50,000	316,000	37,000	0	0	0
	Detention								
135	Phase 2 - Detention Center Expansion	2,959,600	0	0	0	0	0	1,366,300	1,593,300
	Detention Total	2,959,600	0	0	0	0	0	1,366,300	1,593,300
	Patrol								
136	Public Safety Fleet Replacement Program	276,400	0	186,600	0	89,800	0	0	0
	Patrol Total	276,400	0	186,600	0	89,800	0	0	0
	Public Safety Total	3,639,000	0	236,600	316,000	126,800	0	1,366,300	1,593,300
	Funding Source - All Projects								
	General Fund	394,400	0	19,300	285,300	89,800	0	0	0
	Tax Supported Bond	2,782,000	0	0	0	0	0	1,262,100	1,519,900
	Excise Tax - Other	276,000	0	30,700	30,700	37,000	0	104,200	73,400
	Capital Reserve - General	186,600	0	186,600	0	0	0	0	0
	TOTAL	3,639,000	0	236,600	316,000	126,800	0	1,366,300	1,593,300

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Project Title and Location:	Project Number: 1,112
Communications System Narrowbanding	
Account Number:	COM023
Description:	
Software and hardware upgrades and possible construction of a new public safety communications site. The extent of this project has not been fully determined at this point.	
Assumption:	
At the time the current communications system project was approved, there was no FCC mandate for narrowbanding.	
Justification:	
The Federal Government has recently released deadlines for narrowbanding of public safety communications frequencies. This is an FCC mandate by January 1, 2013 to maximize radio spectrum.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	353,000	0	0	316,000	37,000	0	0	0
Engineering/Design	50,000	0	50,000	0	0	0	0	0
Total Cost	403,000	0	50,000	316,000	37,000	0	0	0

Funding Schedule:

Excise Tax - Other	98,400	0	30,700	30,700	37,000	0	0	0
General Fund	304,600	0	19,300	285,300	0	0	0	0
Total Funding	403,000	0	50,000	316,000	37,000	0	0	0

Project Title and Location: **Project Number: 976**

Phase 2 - Detention Center Expansion

Account Number:**Description:**

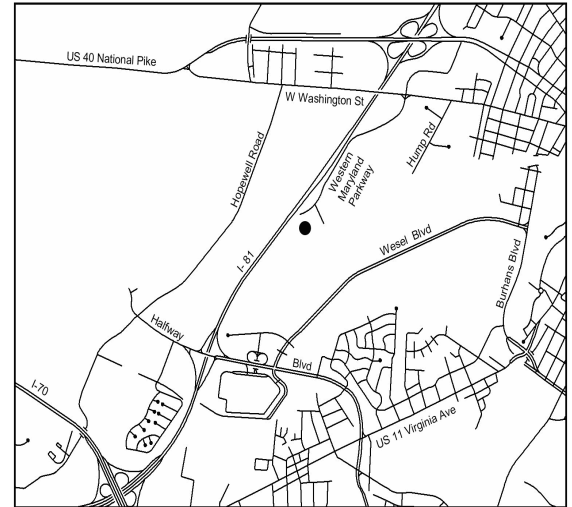
Phase 2 of the Detention Center expansion involves the building of a secure corridor between the existing Detention Center and the old Phoenix Color building. It also includes the moving of administration, food, Commissary, and laundry services to the old Phoenix Color building along with the building of two male 48 bed housing units. These housing units will house the kitchen trustees, work release inmates, and other trustees in the Detention Center.

Assumption:

Planning and construction is scheduled to start in fiscal year 2015-2017, however pre-funding of the project will start in fiscal year 2014 due to cash requirements of several large projects within the public safety and educational areas.

Justification:

The existing Detention Center was first occupied in 1984. The existing kitchen, laundry, and other core services were only design to handle the capacity of the Detention Center that was constructed in 1984. Since that time, a JSAP wing and another male housing POD were added. This has created a condition where the core services have been over burdened for the services that each provides. The kitchen is currently too small to properly accommodate the amount of meals they provide now, let alone adding additional inmates on top of what already exists. The same is true of medical services and laundry services. The moving of food and laundry services to the Phoenix Color building provides the opportunity to oversize these facilities to not only accommodate the additional inmates added as part of the Phase 2 through 5 project of Detention Expansion, but also will accommodate additional growth to the Detention Center in the future. Medical and Booking can then be expanded into the areas vacated by moving food and laundry services to the other building.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	0	0	0
New Facilities Cost			0	0	0	0	0	0
Debt Service			0	0	0	0	99,075	218,387
Gross Operating Cost			0	0	0	0	99,075	218,387
Net Operating Cost			0	0	0	0	99,075	218,387

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,593,300	0	0	0	0	0	0	1,593,300
Engineering/Design	1,366,300	0	0	0	0	0	1,366,300	0
Equipment/Furniture	0	0	0	0	0	0	0	0
Total Cost	2,959,600	0	0	0	0	0	1,366,300	1,593,300

Funding Schedule:

Excise Tax - Other	177,600	0	0	0	0	0	104,200	73,400
Tax Supported Bond	2,782,000	0	0	0	0	0	1,262,100	1,519,900
Total Funding	2,959,600	0	0	0	0	0	1,366,300	1,593,300

Project Title and Location:	Project Number: 1,118
Public Safety Fleet Replacement Program	
Account Number:	VEH006
Description:	
Replacement of public safety fleet inventory. Replacement would focus on such factors as age, mileage, repair history, etc. Review and recommendation of existing replacement policy would be done on vehicles considering funding levels that exist. Recommend review by committee and compare with other government operations, policy, and practice.	
Assumption:	
Justification:	
The Sheriff's operations has approximately 136 vehicles maintained by it's fleet maintenance department. A vehicle replacement program is being implemented and designed to reduce maintenance and operational downtime due to vehicle age, mileage, and repair cost versus book value starting in FY 2012.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Vehicles	276,400	0	186,600	0	89,800	0	0	0
Total Cost	276,400	0	186,600	0	89,800	0	0	0

Funding Schedule:

Capital Reserve - General	186,600	0	186,600	0	0	0	0	0
General Fund	89,800	0	0	0	89,800	0	0	0
Total Funding	276,400	0	186,600	0	89,800	0	0	0

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Railroad Crossings



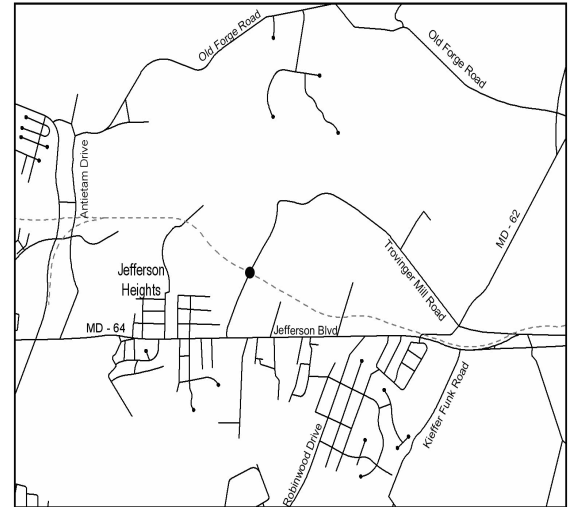
Railroad
Crossings

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	Five Year Capital Program			
					FY 2014	FY 2015	FY 2016	FY 2017	
	Cash Requirements								
	<u>Railroad Crossings</u>								
140	Trovinger Mill Road	373,600	50,100	0	0	323,500	0	0	0
141	Little Antietam Road	313,800	0	0	40,800	273,000	0	0	0
142	Mondell Road	519,400	0	0	290,700	228,700	0	0	0
143	Taylors Landing Road	357,300	0	0	15,300	342,000	0	0	0
	Railroad Crossings Total	1,564,100	50,100	0	346,800	1,167,200	0	0	0
	Funding Source - All Projects								
	General Fund	379,200	50,100	0	56,100	273,000	0	0	0
	Tax Supported Bond	1,184,900	0	0	290,700	894,200	0	0	0
	TOTAL	1,564,100	50,100	0	346,800	1,167,200	0	0	0

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Project Title and Location:	Project Number: 27
Trovinger Mill Road	
Account Number:	RDI038
Description:	
<p>Flatten the approach road grades to the railroad crossing, install pavement markings, signing, crossing signal, and clear sight distance restrictions. This crossing is one of the last ones remaining from the 1981 Railroad Crossing Survey done by the County. It was rated 23 out of the 37 crossings studied. The higher the number, the lower the priority.</p>	
Assumption:	
Justification:	
<p>Needed to improve vehicular safety at this existing railroad crossing.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	25,395	25,395	25,395	25,395
Gross Operating Cost			0	0	25,395	25,395	25,395	25,395
Net Operating Cost			0	0	25,395	25,395	25,395	25,395

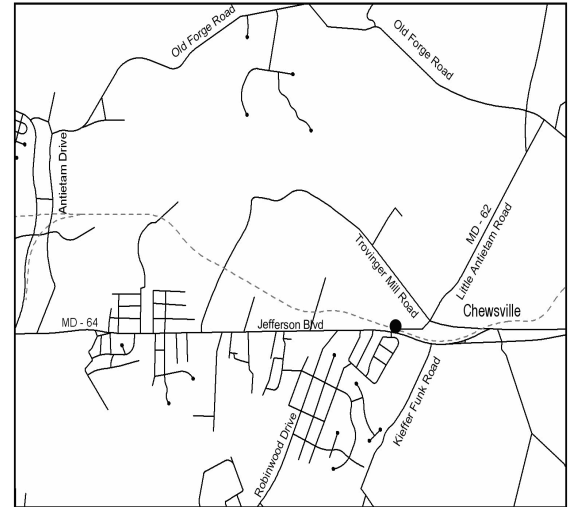
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	278,200	0	0	0	278,200	0	0	0
Inspection	37,100	0	0	0	37,100	0	0	0
Land Acquisition	50,100	50,100	0	0	0	0	0	0
Utilities	8,200	0	0	0	8,200	0	0	0
Total Cost	373,600	50,100	0	0	323,500	0	0	0

Funding Schedule:

General Fund	50,100	50,100	0	0	0	0	0	0
Tax Supported Bond	323,500	0	0	0	323,500	0	0	0
Total Funding	373,600	50,100	0	0	323,500	0	0	0

Project Title and Location:	Project Number:	28
Little Antietam Road		
Account Number:		
Description:		
<p>Flatten the approach road grades to the railroad crossing, install pavement markings and signing, and relocate conflicting utilities. This crossing is one of the last ones remaining from the 1981 Railroad Crossing Survey done by the County. It was rated 29 out of the 37 crossings studied. The higher the number, the lower the priority. This project is identified in the report as Trovinger Mill Road East.</p>		
Assumption:		
Justification:		
<p>Needed to improve vehicular safety at this existing railroad crossing.</p>		



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

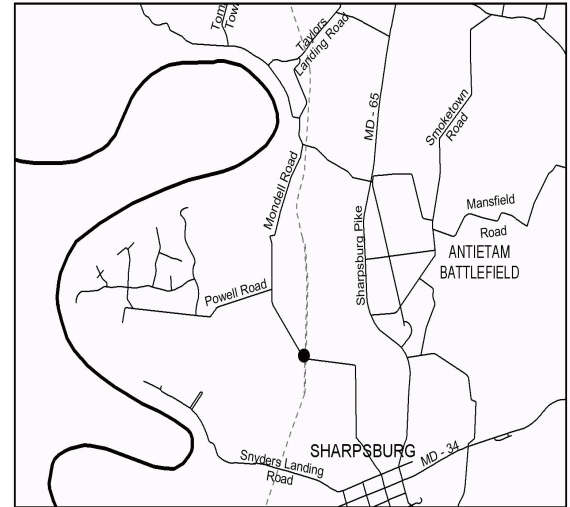
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	248,300	0	0	0	248,300	0	0	0
Inspection	24,700	0	0	0	24,700	0	0	0
Land Acquisition	34,700	0	0	34,700	0	0	0	0
Utilities	6,100	0	0	6,100	0	0	0	0
Total Cost	313,800	0	0	40,800	273,000	0	0	0

Funding Schedule:

General Fund	313,800	0	0	40,800	273,000	0	0	0
Total Funding	313,800	0	0	40,800	273,000	0	0	0

Project Title and Location:	Project Number: 30
Mondell Road	
Account Number:	
Description:	
<p>Flatten the approach road grades to the railroad crossing, install pavement markings and signing, and improve approach road alignment. This crossing is one of the last ones remaining from the 1981 Railroad Crossing Survey done by the County. It was rated 33 out of the 37 crossings studied. The higher the number, the lower the priority. This project is identified in the report as Taylors Landing Road South.</p>	
Assumption:	
<p>Justification: Needed to improve vehicular safety at this existing railroad crossing.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	22,820	40,773	40,773	40,773	40,773
Gross Operating Cost			0	22,820	40,773	40,773	40,773	40,773
Net Operating Cost			0	22,820	40,773	40,773	40,773	40,773

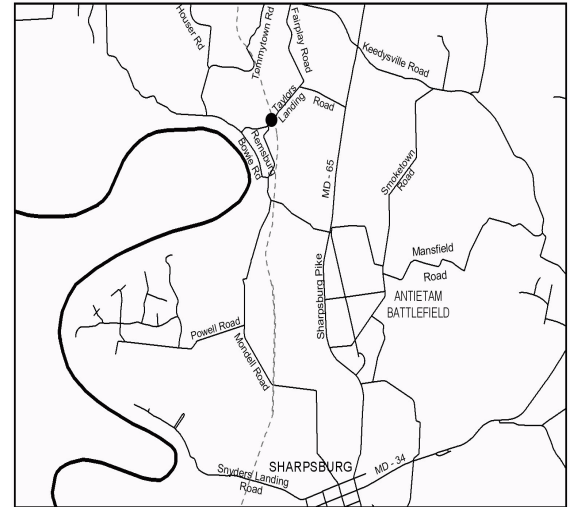
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	381,300	0	0	189,700	191,600	0	0	0
Inspection	73,800	0	0	36,700	37,100	0	0	0
Land Acquisition	64,300	0	0	64,300	0	0	0	0
Total Cost	519,400	0	0	290,700	228,700	0	0	0

Funding Schedule:

Tax Supported Bond	519,400	0	0	290,700	228,700	0	0	0
Total Funding	519,400	0	0	290,700	228,700	0	0	0

Project Title and Location:	Project Number: 31
Taylors Landing Road	
Account Number:	
Description:	
<p>Flatten the approach road grades to the railroad crossing, improve sight distance by removing rock outcroppings and perform some utility relocations. This crossing is one of the last ones remaining from the 1981 Railroad Crossing Survey done by the County. It was rated 34 out of the 37 crossings studied. The higher the number, the lower the priority.</p>	
Assumption:	
Justification:	
<p>Needed to improve vehicular safety at this existing railroad crossing.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	26,847	26,847	26,847	26,847
Gross Operating Cost			0	0	26,847	26,847	26,847	26,847
Net Operating Cost			0	0	26,847	26,847	26,847	26,847

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	296,700	0	0	0	296,700	0	0	0
Inspection	37,100	0	0	0	37,100	0	0	0
Land Acquisition	15,300	0	0	15,300	0	0	0	0
Utilities	8,200	0	0	0	8,200	0	0	0
Total Cost	357,300	0	0	15,300	342,000	0	0	0

Funding Schedule:

General Fund	15,300	0	0	15,300	0	0	0	0
Tax Supported Bond	342,000	0	0	0	342,000	0	0	0
Total Funding	357,300	0	0	15,300	342,000	0	0	0

Road Improvements



Road
Improvements

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	Five Year Capital Program				
						FY 2014	FY 2015	FY 2016	FY 2017	
	Cash Requirements									
	<u>Road Improvement</u>									
	Highways									
146	Equipment Replacement Program	560,900	0	410,900	0	150,000	0	0	0	0
	Highways Total	560,900	0	410,900	0	150,000	0	0	0	0
	Public Works - Capital Projects									
147	Pavement Maintenance and Rehabilitation Program	28,390,160	5,510,860	3,000,000	3,237,100	3,527,000	4,208,500	4,797,700	4,109,000	
148	Robinwood Corridor II	9,651,500	7,376,300	436,300	1,838,900	0	0	0	0	
149	Robinwood North	3,490,573	462,473	0	142,900	257,600	260,200	1,051,000	1,316,400	
150	Longmeadow Road	9,394,200	60,000	0	0	0	3,522,100	2,627,500	3,184,600	
151	Eastern Boulevard Extended	7,900,750	260,250	0	0	0	676,400	1,051,000	5,913,100	
152	Shawley Drive	2,662,600	20,000	1,093,200	1,549,400	0	0	0	0	
153	Southern Boulevard I	8,311,300	6,023,100	0	357,000	0	0	0	0	
154	E. Oak Ridge Drive/South Pointe Signal	316,900	0	0	0	46,400	270,500	0	0	
155	Eastern Boulevard Widening Phase I	7,238,100	4,551,500	2,686,600	0	0	0	0	0	
156	Eastern Boulevard Widening Phase II	8,060,400	500,000	0	141,300	475,500	2,890,900	4,052,700	0	
157	Underpass Way and Railway Lane Roundabout	1,124,300	0	0	377,400	746,900	0	0	0	
158	Garis Shop/Poffenberger Roundabout	1,304,600	395,000	909,600	0	0	0	0	0	
159	Transportation ADA	614,500	74,700	92,200	91,300	90,500	89,500	88,600	87,700	
160	Halfway Boulevard Extended II	265,400	0	0	0	0	0	0	265,400	
161	Eastern Boulevard at Antietam Drive Intersection Improvement	3,318,400	300,000	202,000	0	1,401,200	1,415,200	0	0	
162	Yale Drive Extended - Phase II	3,090,350	656,640	600,000	802,860	1,030,850	0	0	0	
163	Yale Drive - Phase I	6,274,350	2,551,360	0	1,630,040	2,092,950	0	0	0	
164	MD Route 144 and Western MD Parkway Roundabout	604,100	0	0	0	0	20,600	260,200	323,300	
165	Crayton Boulevard Signal	140,000	0	140,000	0	0	0	0	0	
	Public Works - Capital Projects Total	100,221,283	28,742,183	9,159,900	10,168,200	9,668,900	13,353,900	13,928,700	15,199,500	
	Road Improvement Total	100,782,183	28,742,183	9,570,800	10,168,200	9,818,900	13,353,900	13,928,700	15,199,500	
	Funding Source - All Projects									
	General Fund	17,340,720	9,743,420	361,300	1,195,300	990,500	1,845,700	197,600	3,006,900	
	Tax Supported Bond	67,896,251	9,468,551	7,984,400	8,280,000	8,469,300	11,016,400	11,307,800	11,369,800	
	Transfer Tax	451,073	451,073	0	0	0	0	0	0	
	Excise Tax - Roads	2,293,000	1,019,400	141,300	141,300	174,100	206,800	272,300	337,800	
	Excise Tax - Non-Residential	2,840,000	1,415,000	0	85,000	185,000	285,000	385,000	485,000	
	APFO Fees - Roads	84,099	84,099	0	0	0	0	0	0	
	Capital Reserve - General	6,408,240	5,910,640	250,000	247,600	0	0	0	0	
	Federal Grant	1,200,000	600,000	600,000	0	0	0	0	0	
	State Grant	1,726,900	0	160,900	0	0	0	1,566,000	0	
	Contributions	541,900	50,000	72,900	219,000	0	0	200,000	0	
	TOTAL	100,782,183	28,742,183	9,570,800	10,168,200	9,818,900	13,353,900	13,928,700	15,199,500	

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Project Title and Location:	Project Number: 1,119
Equipment Replacement Program	
Account Number:	EQP042
Description:	
To account and fund heavy and specialized equipment for maintenance and construction activity. Replacement would focus on such factors as age, mileage, hours, repair history, etc. Review and recommendation of existing replacement policy would be done on both vehicles and heavy equipment considering funding levels that exist. Recommend review by committee and compare with other government operations, policy, and practice.	
Assumption:	
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.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Equipment/Furniture	560,900	0	410,900	0	150,000	0	0	0
Total Cost	560,900	0	410,900	0	150,000	0	0	0

Funding Schedule:

Capital Reserve - General	250,000	0	250,000	0	0	0	0	0
General Fund	150,000	0	0	0	150,000	0	0	0
State Grant	160,900	0	160,900	0	0	0	0	0
Total Funding	560,900	0	410,900	0	150,000	0	0	0

Project Title and Location:	Project Number: 13
Pavement Maintenance and Rehabilitation Program	
Account Number:	RDI024
Description:	
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.	
Assumption:	
Justification:	
This is 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.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			459,154	706,594	968,941	1,276,936	1,619,502	1,903,986
Gross Operating Cost			459,154	706,594	968,941	1,276,936	1,619,502	1,903,986
Net Operating Cost			459,154	706,594	968,941	1,276,936	1,619,502	1,903,986

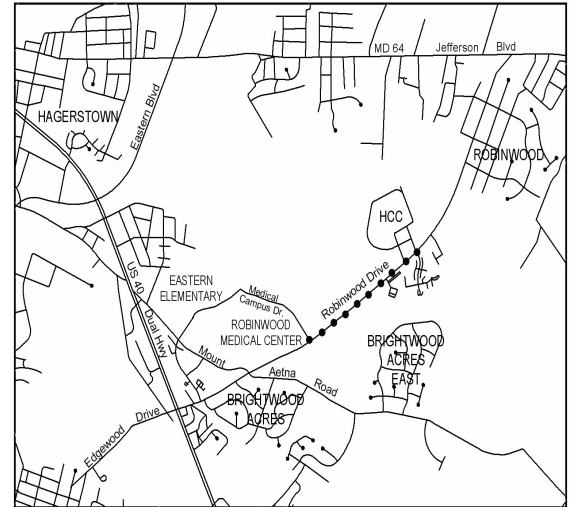
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	27,313,560	5,510,860	2,825,000	3,060,300	3,348,500	4,028,200	4,615,600	3,925,100
Inspection	1,076,600	0	175,000	176,800	178,500	180,300	182,100	183,900
Total Cost	28,390,160	5,510,860	3,000,000	3,237,100	3,527,000	4,208,500	4,797,700	4,109,000

Funding Schedule:

APFO Fees - Roads	84,099	84,099	0	0	0	0	0	0
Capital Reserve - General	2,020,140	2,020,140	0	0	0	0	0	0
Excise Tax - Non-Residential	1,425,000	0	0	85,000	185,000	285,000	385,000	485,000
General Fund	606,320	557,520	0	0	0	0	48,800	0
Tax Supported Bond	24,254,601	2,849,101	3,000,000	3,152,100	3,342,000	3,923,500	4,363,900	3,624,000
Total Funding	28,390,160	5,510,860	3,000,000	3,237,100	3,527,000	4,208,500	4,797,700	4,109,000

Project Title and Location:	Project Number: 14
Robinwood Corridor II	
Account Number:	RDI022
Description:	
Widen Robinwood Drive to four lanes between Medical Campus Drive and Hagerstown Community College (approximately 5,800'). New road section will consist of two 12 foot wide lanes in each direction with a raised grassed median and closed storm drain system. This proposed section will terminate at the intersection of HCC campus. To accommodate the proposed section at this intersection, a new traffic signal will be required.	
Assumption:	
Construction of new water and/or sewer network is not included in the cost estimates. Although full County funding is shown, it is possible that developer contributions may be forthcoming due to APFO obligations.	
AB/Sabra-Wang cost estimate is \$8,064,000. Budget estimate increased \$400,000 based upon recent Maugans Avenue bid and other project costs to date.	
Justification:	
Needed to provide additional road capacity resulting from continued development in this area.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			38,858	139,604	139,604	139,604	139,604	139,604
Gross Operating Cost			38,858	139,604	139,604	139,604	139,604	139,604
Net Operating Cost			38,858	139,604	139,604	139,604	139,604	139,604

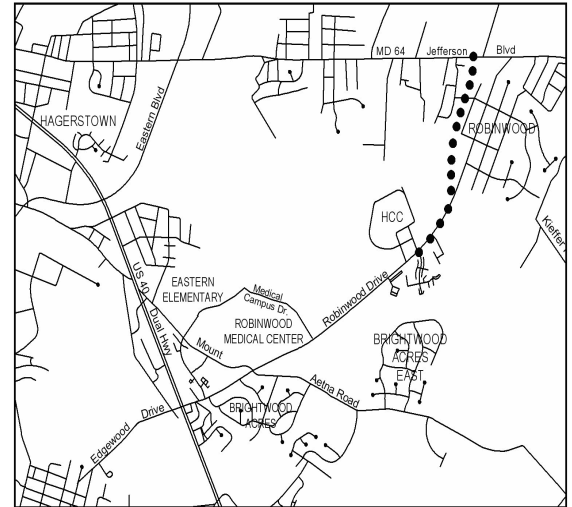
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	7,485,100	5,407,900	238,300	1,838,900	0	0	0	0
Engineering/Design	483,000	483,000	0	0	0	0	0	0
Inspection	199,400	100,400	99,000	0	0	0	0	0
Land Acquisition	1,059,000	1,059,000	0	0	0	0	0	0
Planning	20,000	20,000	0	0	0	0	0	0
Utilities	405,000	306,000	99,000	0	0	0	0	0
Total Cost	9,651,500	7,376,300	436,300	1,838,900	0	0	0	0

Funding Schedule:

Capital Reserve - General	3,594,000	3,346,400	0	247,600	0	0	0	0
Contributions	50,000	50,000	0	0	0	0	0	0
Excise Tax - Non-Residential	250,000	250,000	0	0	0	0	0	0
Excise Tax - Roads	586,300	445,000	141,300	0	0	0	0	0
General Fund	3,392,800	3,084,900	0	307,900	0	0	0	0
Tax Supported Bond	1,778,400	200,000	295,000	1,283,400	0	0	0	0
Total Funding	9,651,500	7,376,300	436,300	1,838,900	0	0	0	0

Project Title and Location:	Project Number: 15
Robinwood North	
Account Number:	RDI033
Description:	
<p>Realign Robinwood Drive between Hagerstown Community College and MD 64 in order to increase capacity and reduce congestion in the Robinwood community. Project will increase traffic safety. Projected costs also include public water and sewer. New road section will include 2 - 12 foot lanes in each direction with a raised grassed median and closed storm drain system. Final alignment will be west of the current road generally between Partridge Trail and Greenhill Drive.</p>	
Assumption:	
<p>Although full County funding is shown, it is possible that developer contributions may be forthcoming due to APFO obligations. No new water and/or sewer network is included in the cost estimate. It is assumed that the intersection at the HCC campus will be upgraded as part of the Robinwood II project. A traffic signal installation will be required at Maryland Route 64.</p>	
Justification:	
<p>Needed to provide additional road capacity resulting from continued development in the area.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	82,504	159,324
Gross Operating Cost			0	0	0	0	82,504	159,324
Net Operating Cost			0	0	0	0	82,504	159,324

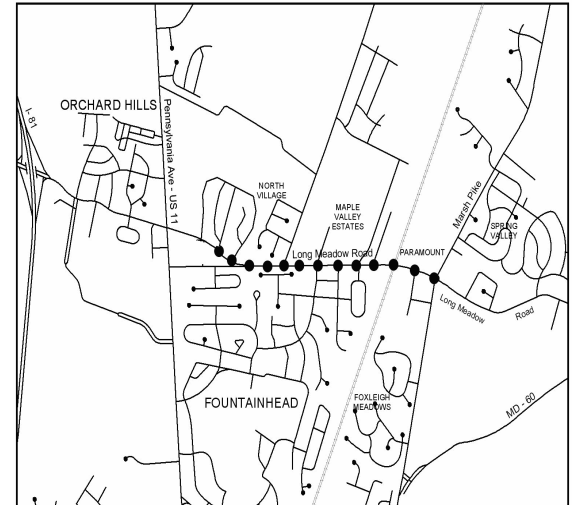
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	0	0	0	0	0	0	0	0
Engineering/Design	383,900	241,000	0	142,900	0	0	0	0
Inspection	0	0	0	0	0	0	0	0
Land Acquisition	3,086,273	201,073	0	0	257,600	260,200	1,051,000	1,316,400
Planning	20,400	20,400	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0
Total Cost	3,490,573	462,473	0	142,900	257,600	260,200	1,051,000	1,316,400

Funding Schedule:

Excise Tax - Roads	337,800	0	0	0	0	0	0	337,800
General Fund	922,100	261,400	0	142,900	257,600	260,200	0	0
Tax Supported Bond	2,029,600	0	0	0	0	0	1,051,000	978,600
Transfer Tax	201,073	201,073	0	0	0	0	0	0
Total Funding	3,490,573	462,473	0	142,900	257,600	260,200	1,051,000	1,316,400

Project Title and Location:	Project Number: 20
Longmeadow Road	
Account Number:	RDI037
Description:	
Capacity and safety enhancement to Longmeadow Road between Halifax Drive and Marsh Pike. Project includes widening Longmeadow Road to a five lane roadway and the construction of a traffic signal at the intersection with Paradise Church Road. The roadway will be a combination of open and closed section roadway with two lanes in each direction and a continuous center left turn lane as well as sidewalks on each side.	
Assumption:	
State aid funding each year from FY 2011 through 2016 will be applied to this project FY 2016.	
Justification:	
Current traffic volume on Longmeadow Road exceeds 12,000 vehicles per day, anticipated to continue to climb based on development. The roadway and intersections operate at an unacceptable levels of service.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	276,485	359,813	483,207
Gross Operating Cost			0	0	0	276,485	359,813	483,207
Net Operating Cost			0	0	0	276,485	359,813	483,207

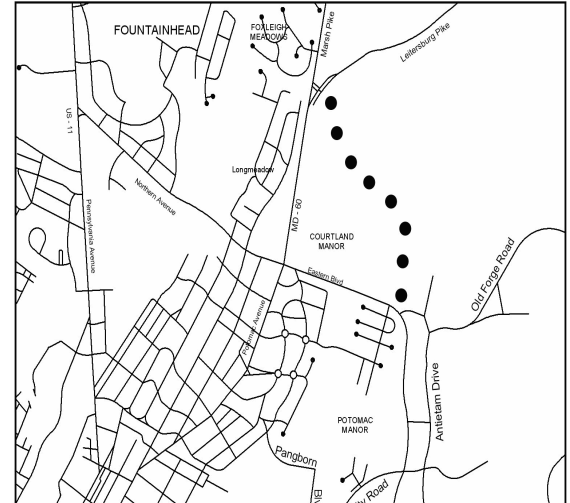
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	5,286,600	0	0	0	0	0	2,102,000	3,184,600
Engineering/Design	612,300	40,000	0	0	0	572,300	0	0
Inspection	0	0	0	0	0	0	0	0
Land Acquisition	2,913,700	0	0	0	0	2,913,700	0	0
Planning	56,100	20,000	0	0	0	36,100	0	0
Utilities	525,500	0	0	0	0	0	525,500	0
Total Cost	9,394,200	60,000	0	0	0	3,522,100	2,627,500	3,184,600

Funding Schedule:

General Fund	1,672,700	60,000	0	0	0	0	0	1,612,700
State Grant	1,566,000	0	0	0	0	0	1,566,000	0
Tax Supported Bond	6,155,500	0	0	0	0	3,522,100	1,061,500	1,571,900
Total Funding	9,394,200	60,000	0	0	0	3,522,100	2,627,500	3,184,600

Project Title and Location:	Project Number: 21
Eastern Boulevard Extended	
Account Number:	RDI039
Description:	
A new 2-lane roadway connecting Eastern Boulevard at Antietam Drive to the Leitersburg Pike at Marsh Pike. Road is approximately 6,400' in length. A major intersection improvement is included at MD 60/Marsh Pike with traffic signalization or roundabout. The project includes a bridge structure.	
Assumption:	
Majority of the right-of-way donated. Assumes remaining lands necessary can be obtained within budgeted values. 2-lane open section roadway w/right-of-way for 4 lane road. Potentially a joint City/County project. SHA will require significant road widening along MD 60.	
Justification:	
Relieve Eastern Blvd congestion. Significant enhancement to the transportation network by increasing capacity, improving safety and providing access to developable land including a parcel planned for a future county park. Project is tied to the relocation of Old Forge Road which is a private development driven project.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			8,655	8,655	8,655	13,058	95,562	482,559
Gross Operating Cost			8,655	8,655	8,655	13,058	95,562	482,559
Net Operating Cost			8,655	8,655	8,655	13,058	95,562	482,559

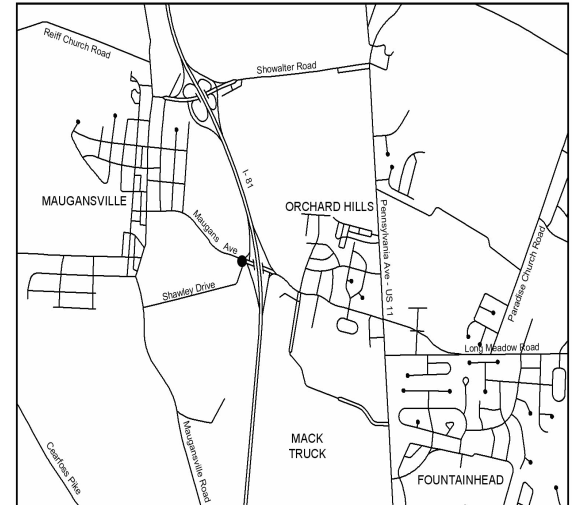
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	6,342,000	0	0	0	0	0	1,051,000	5,291,000
Engineering/Design	526,450	110,250	0	0	0	416,200	0	0
Inspection	356,700	0	0	0	0	0	0	356,700
Land Acquisition	410,200	150,000	0	0	0	260,200	0	0
Utilities	265,400	0	0	0	0	0	0	265,400
Total Cost	7,900,750	260,250	0	0	0	676,400	1,051,000	5,913,100

Funding Schedule:

General Fund	1,753,500	150,000	0	0	0	620,300	0	983,200
Tax Supported Bond	6,147,250	110,250	0	0	0	56,100	1,051,000	4,929,900
Total Funding	7,900,750	260,250	0	0	0	676,400	1,051,000	5,913,100

Project Title and Location:	Project Number: 25
Shawley Drive	
Account Number:	RDI043
Description:	
Project involves the relocation of the northern most end of Shawley Drive between Label Lane and Maugans Avenue so that it aligns with Oliver Drive and is removed from close proximity to the ramps from and onto I-81. The road will be a two lane open section roadway.	
Assumption:	
\$219,000 in developer contributions are received as part of an executed APFO agreement.	
Justification:	
Needed to improve safety as the current intersection with Maugans Avenue. The Shawley Drive intersection with Maugans Avenue is too close to the I-81 southbound on ramp.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			85,816	168,602	168,602	168,602	168,602	168,602
Gross Operating Cost			85,816	168,602	168,602	168,602	168,602	168,602
Net Operating Cost			85,816	168,602	168,602	168,602	168,602	168,602

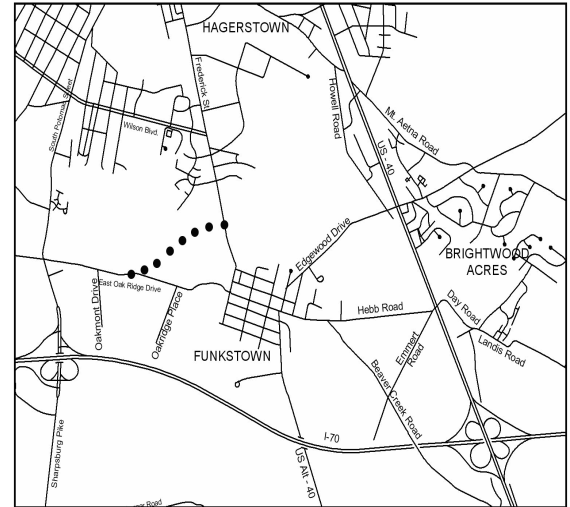
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	2,230,400	0	843,200	1,387,200	0	0	0	0
Inspection	122,400	0	0	122,400	0	0	0	0
Land Acquisition	250,000	0	250,000	0	0	0	0	0
Planning	20,000	20,000	0	0	0	0	0	0
Utilities	39,800	0	0	39,800	0	0	0	0
Total Cost	2,662,600	20,000	1,093,200	1,549,400	0	0	0	0

Funding Schedule:

Contributions	219,000	0	0	219,000	0	0	0	0
General Fund	295,800	20,000	0	275,800	0	0	0	0
Tax Supported Bond	2,147,800	0	1,093,200	1,054,600	0	0	0	0
Total Funding	2,662,600	20,000	1,093,200	1,549,400	0	0	0	0

Project Title and Location:	Project Number: 26
Southern Boulevard I	
Account Number:	RDI040
Description:	
Project involves the construction of Southern Boulevard between East Oak Ridge Drive near South Pointe Drive to Frederick Street (US 40A). The project includes construction of a four lane divided open section roadway and new intersections at each extent of the project, a roundabout at Frederick Street and a roundabout at East Oak Ridge Drive.	
Assumption:	
No new water and/or sewer network is included in this cost estimate.	
Justification:	
Needed to provide congestion relieve through Funkstown and help accommodate increased traffic volumes from ongoing development in this area. Will enhance transportation system and improve safety. Part of the overall county-wide transportation plan.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			178,815	206,840	206,840	206,840	206,840	206,840
Gross Operating Cost			178,815	206,840	206,840	206,840	206,840	206,840
Net Operating Cost			178,815	206,840	206,840	206,840	206,840	206,840

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	4,517,500	4,160,500	0	357,000	0	0	0	0
Engineering/Design	393,000	393,000	0	0	0	0	0	0
Inspection	134,600	134,600	0	0	0	0	0	0
Land Acquisition	1,111,000	1,111,000	0	0	0	0	0	0
Planning	20,000	20,000	0	0	0	0	0	0
Utilities	204,000	204,000	0	0	0	0	0	0
Total Cost	6,380,100	6,023,100	0	357,000	0	0	0	0

Funding Schedule:

Capital Reserve - General	544,100	544,100	0	0	0	0	0	0
General Fund	3,201,100	3,201,100	0	0	0	0	0	0
Tax Supported Bond	2,634,900	2,277,900	0	357,000	0	0	0	0
Total Funding	6,380,100	6,023,100	0	357,000	0	0	0	0

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	182,100	0	0	0	0	182,100	0	0
Engineering/Design	36,100	0	0	0	36,100	0	0	0
Inspection	26,000	0	0	0	0	26,000	0	0
Land Acquisition	20,700	0	0	0	10,300	10,400	0	0
Utilities	52,000	0	0	0	0	52,000	0	0
Total Cost	316,900	0	0	0	46,400	270,500	0	0

General Fund	316,900	0	0	0	46,400	270,500	0	0
Total Funding	316,900	0	0	0	46,400	270,500	0	0

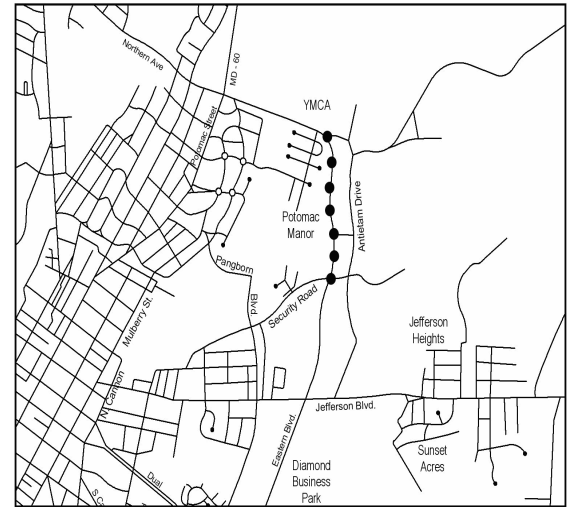
A detailed map of the Potomac Manor area. The map shows a network of streets including Antietam Drive, Security Road, Jefferson Blvd., and Eastern Blvd. Key landmarks such as Potomac Manor, Diamond Business Park, and Colonial Park are labeled. A proposed trail route is indicated by a series of black dots, starting near Potomac Manor and running along Security Road and Jefferson Blvd. Other features include a stadium, a memorial, and various residential areas like Sunset Acres and Jefferson Heights.

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Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	4,668,000	2,244,000	2,424,000	0	0	0	0	0
Engineering/Design	353,500	353,500	0	0	0	0	0	0
Inspection	262,600	0	262,600	0	0	0	0	0
Land Acquisition	1,114,000	1,114,000	0	0	0	0	0	0
Utilities	840,000	840,000	0	0	0	0	0	0
Total Cost	7,238,100	4,551,500	2,686,600	0	0	0	0	0

Excise Tax - Non-Residential	1,165,000	1,165,000	0	0	0	0	0
Excise Tax - Roads	217,300	217,300	0	0	0	0	0
General Fund	1,020,500	1,020,500	0	0	0	0	0
Tax Supported Bond	4,835,300	2,148,700	2,686,600	0	0	0	0
Total Funding	7,238,100	4,551,500	2,686,600	0	0	0	0

Project Title and Location:	Project Number: 972
Eastern Boulevard Widening Phase II	
Account Number:	RDI044
Description:	
Rehabilitation 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 at grade railroad crossing.	
Assumption:	
This project assumes design and construction of an at grade railroad crossing. The County will seek state/federal funding for a railroad grade separation structure. If funding is obtained for a grade separation structure, the cost of construction will increase approximately \$4.0 million dollars (this assumes receiving \$3.2 million from the 80% state/federal share and having a cost of \$800,000 to cover the 20% County share). The at grade crossing is expected to cost approximately \$400,000 and this cost is included in the budget.	
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.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	23,660	234,362	531,123	531,123
Gross Operating Cost			0	0	23,660	234,362	531,123	531,123
Net Operating Cost			0	0	23,660	234,362	531,123	531,123

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	5,028,200	0	0	0	0	1,665,000	3,363,200	0
Engineering/Design	500,000	500,000	0	0	0	0	0	0
Inspection	245,200	0	0	0	0	81,200	164,000	0
Land Acquisition	2,287,000	0	0	141,300	475,500	1,144,700	525,500	0
Total Cost	8,060,400	500,000	0	141,300	475,500	2,890,900	4,052,700	0

Funding Schedule:

Excise Tax - Roads	1,151,600	357,100	0	141,300	174,100	206,800	272,300	0
General Fund	142,900	142,900	0	0	0	0	0	0
Tax Supported Bond	6,765,900	0	0	0	301,400	2,684,100	3,780,400	0
Total Funding	8,060,400	500,000	0	141,300	475,500	2,890,900	4,052,700	0

Project Title and Location: **Project Number:** 1,006

Underpass Way and Railway Lane Roundabout

Account Number:

Description:

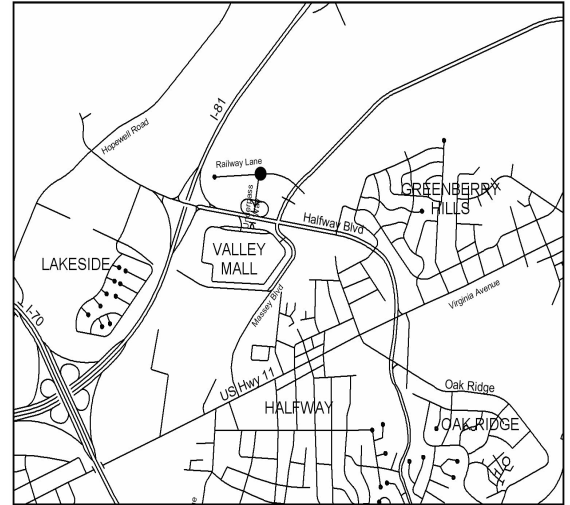
Project involves the construction of a traffic roundabout at the intersection of Underpass Way and Railway Lane.

Assumption:

Assume one lane closed section roadway with interior landscaped area.
Developer contribution of \$107,000 received toward project.

Justification:

Intersection currently operates at level of service F and construction of roundabout will improve level of service to A.



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	58,632	58,632	58,632	58,632
Gross Operating Cost			0	0	58,632	58,632	58,632	58,632
Net Operating Cost			0	0	58,632	58,632	58,632	58,632

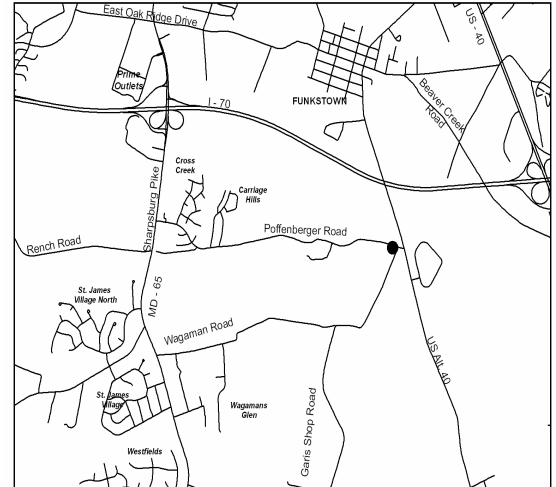
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	643,900	0	0	0	643,900	0	0	0
Engineering/Design	102,000	0	0	102,000	0	0	0	0
Inspection	103,000	0	0	0	103,000	0	0	0
Land Acquisition	255,000	0	0	255,000	0	0	0	0
Planning	20,400	0	0	20,400	0	0	0	0
Total Cost	1,124,300	0	0	377,400	746,900	0	0	0

Funding Schedule:

General Fund	377,400	0	0	377,400	0	0	0	0
Tax Supported Bond	746,900	0	0	0	746,900	0	0	0
Total Funding	1,124,300	0	0	377,400	746,900	0	0	0

Project Title and Location:	Project Number: 1,010
Garis Shop/Poffenberger Roundabout	
Account Number:	RDI046
Description:	
<p>Realign the intersection of Garis Shop Road/Poffenberger Road and Alternate US 40. Project involves the construction of a traffic roundabout at the intersection of Garis Shop Road and Poffenberger Road.</p>	
Assumption:	
<p>The County will pay for construction costs within the county right-of-way; and a portion of the design associated with the county roadway. The State will pay their respective share for design, inspection costs, and construction costs within State right-of-way; as well as construction costs to improve Alternate 40 at Poffenberger Road with a designated turn lane. The developer will pay for right-of-way (not including State's right-of-way on Alternate 40).</p>	
Justification:	
<p>Current intersection operates at a level of service F and the proposed improvements will provide a level of service C. This improvement will improve sight distance and safety.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			78,861	78,861	78,861	78,861	78,861	78,861
Gross Operating Cost			78,861	78,861	78,861	78,861	78,861	78,861
Net Operating Cost			78,861	78,861	78,861	78,861	78,861	78,861

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	676,400	300,000	376,400	0	0	0	0	0
Engineering/Design	216,900	25,000	191,900	0	0	0	0	0
Inspection	126,300	0	126,300	0	0	0	0	0
Land Acquisition	225,000	10,000	215,000	0	0	0	0	0
Utilities	60,000	60,000	0	0	0	0	0	0
Total Cost	1,304,600	395,000	909,600	0	0	0	0	0

Funding Schedule:

General Fund	300,000	300,000	0	0	0	0	0	0
Tax Supported Bond	1,004,600	95,000	909,600	0	0	0	0	0
Total Funding	1,304,600	395,000	909,600	0	0	0	0	0

Project Title and Location:	Project Number: 1,023
Transportation ADA	
Account Number:	LDI037
Description:	
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.	
Assumption:	
Multi-year plan to achieve full compliance.	
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.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

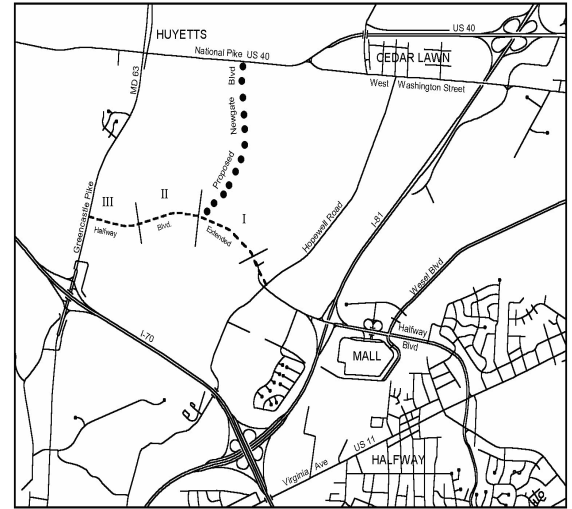
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	539,800	0	92,200	91,300	90,500	89,500	88,600	87,700
Planning	74,700	74,700	0	0	0	0	0	0
Total Cost	614,500	74,700	92,200	91,300	90,500	89,500	88,600	87,700

Funding Schedule:

General Fund	614,500	74,700	92,200	91,300	90,500	89,500	88,600	87,700
Total Funding	614,500	74,700	92,200	91,300	90,500	89,500	88,600	87,700

Project Title and Location:	Project Number: 1,026
Halfway Boulevard Extended II	
Account Number:	
Description:	
A new four lane open section roadway connecting Halfway Boulevard Extended to MD Route 63. Intersection improvements at Halfway Boulevard extended and MD Route 63 include providing a traffic signal.	
Assumption:	
This project assumes developer contribution for land acquisition and portion of the bridge cost.	
Justification:	
Needed to provide additional road capacity and alternate routes resulting from continued and forecasted development in this area. Provides alternate access route to MD Route 63 and Interstate 70 for heavy truck traffic from industrial park on Halfway Boulevard Extended.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	20,834
Gross Operating Cost			0	0	0	0	0	20,834
Net Operating Cost			0	0	0	0	0	20,834

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	0	0	0	0	0	0	0	0
Engineering/Design	265,400	0	0	0	0	0	0	265,400
Inspection	0	0	0	0	0	0	0	0
Total Cost	265,400	0	0	0	0	0	0	265,400

Funding Schedule:

Tax Supported Bond	265,400	0	0	0	0	0	0	265,400
Total Funding	265,400	0	0	0	0	0	0	265,400

Project Title and Location: **Project Number:** 1,038

Eastern Boulevard at Antietam Drive Intersection Improvement

Account Number: RDI051**Description:**

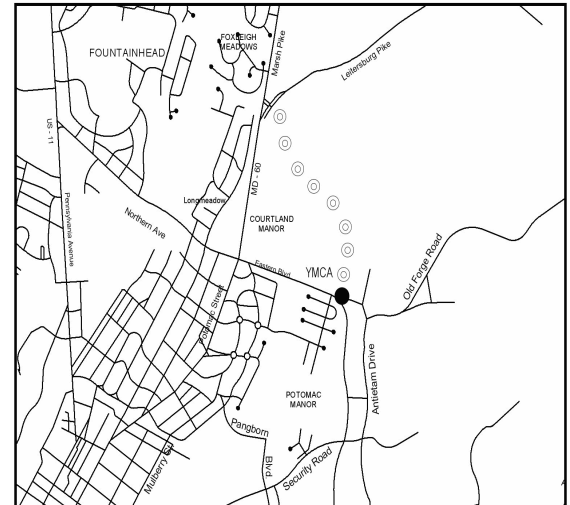
Intersection improvements at Antietam Drive. This project will connect the Eastern Boulevard Widening Phase II project with the Eastern Boulevard Extended project. Two intersection configurations are being evaluated at this location, a traditional four-legged signalized intersection and a roundabout intersection.

Assumption:

Costs shown assume roundabout to be constructed.

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.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			18,024	18,024	128,018	193,220	193,220	193,220
Gross Operating Cost			18,024	18,024	128,018	193,220	193,220	193,220
Net Operating Cost			18,024	18,024	128,018	193,220	193,220	193,220

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	2,692,200	0	0	0	1,339,400	1,352,800	0	0
Engineering/Design	300,000	300,000	0	0	0	0	0	0
Inspection	124,200	0	0	0	61,800	62,400	0	0
Land Acquisition	202,000	0	202,000	0	0	0	0	0
Total Cost	3,318,400	300,000	202,000	0	1,401,200	1,415,200	0	0

Funding Schedule:

General Fund	857,000	70,400	202,000	0	0	584,600	0	0
Tax Supported Bond	2,461,400	229,600	0	0	1,401,200	830,600	0	0
Total Funding	3,318,400	300,000	202,000	0	1,401,200	1,415,200	0	0

Project Title and Location: **Project Number:** 1,069

Yale Drive Extended - Phase II

Account Number: RDI054

Description:

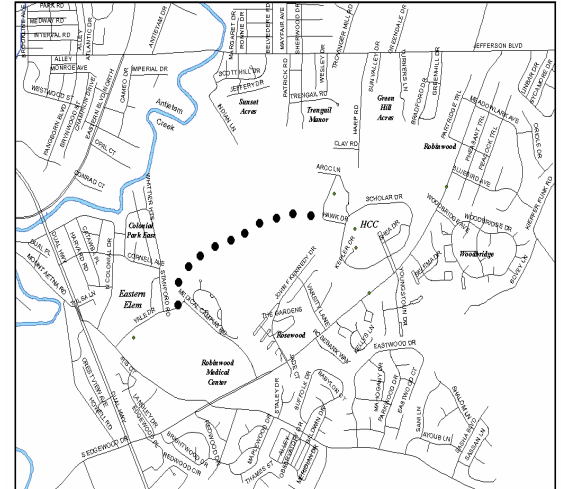
Project involves the expansion of Yale Drive Extended - Phase I (Project RDI053) from a 2-lane road to a 4-lane roadway with a grass median. Road length is approximately 4,600 linear feet.

Assumption:

Four lane roadway. 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).

Justification:

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



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	63,025	108,935	108,935	108,935	108,935
Gross Operating Cost			0	63,025	108,935	108,935	108,935	108,935
Net Operating Cost			0	63,025	108,935	108,935	108,935	108,935

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	2,986,400	552,690	600,000	802,860	1,030,850	0	0	0
Engineering/Design	95,700	95,700	0	0	0	0	0	0
Utilities	8,250	8,250	0	0	0	0	0	0
Total Cost	3,090,350	656,640	600,000	802,860	1,030,850	0	0	0

Funding Schedule:

Federal Grant	600,000	0	600,000	0	0	0	0	0
General Fund	1,102,640	656,640	0	0	446,000	0	0	0
Tax Supported Bond	1,387,710	0	0	802,860	584,850	0	0	0
Total Funding	3,090,350	656,640	600,000	802,860	1,030,850	0	0	0

Project Title and Location: **Project Number: 1,093**

Yale Drive - Phase I

Account Number: RDI053**Description:**

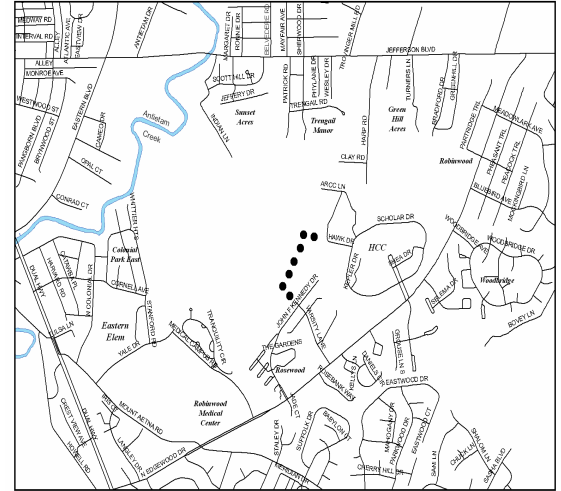
Project involves the extension of Yale Drive across the land formerly known as Mt. Aetna Farms to connect to Scholar Drive (HCC). Total road length is approximately 4,600 linear feet (2-lanes). Project includes the construction of three roundabout intersections.

Assumption:

This Phase I project consists of a 2-lane roadway and three roundabout intersections. A second Phase II project is planned for widening the roadway from 2-lanes to 4-lanes. 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).

Justification:

Needed to relieve congestion at Robinwood Drive and Academic Boulevard. Hagerstown Community College has grown beyond its need for a secondary access point. This road will provide for the secondary access that is needed to accommodate increased traffic volumes from ongoing development in this area.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			122,303	250,261	388,237	388,237	388,237	388,237
Gross Operating Cost			122,303	250,261	388,237	388,237	388,237	388,237
Net Operating Cost			122,303	250,261	388,237	388,237	388,237	388,237

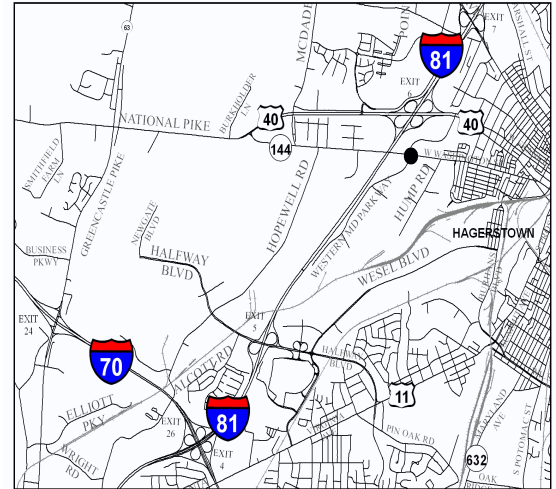
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	6,063,300	2,340,310	0	1,630,040	2,092,950	0	0	0
Engineering/Design	194,300	194,300	0	0	0	0	0	0
Relocation Fees	16,750	16,750	0	0	0	0	0	0
Total Cost	6,274,350	2,551,360	0	1,630,040	2,092,950	0	0	0

Funding Schedule:

Federal Grant	600,000	600,000	0	0	0	0	0	0
General Fund	143,360	143,360	0	0	0	0	0	0
Tax Supported Bond	5,280,990	1,558,000	0	1,630,040	2,092,950	0	0	0
Transfer Tax	250,000	250,000	0	0	0	0	0	0
Total Funding	6,274,350	2,551,360	0	1,630,040	2,092,950	0	0	0

Project Title and Location:	Project Number: 1,106
MD Route 144 and Western MD Parkway Roundabout	
Account Number:	
Description:	
Project involves the construction of a traffic roundabout at the intersection of MD Route 144 and Western Maryland Parkway to correct traffic operation and safety related deficiencies. Project is required to accommodate economic development in the area.	
Assumption:	
Assume one lane open section roadway with interior landscaped area. This project will receive developer contributions.	
Justification:	
Construction of roundabout will improve safety and level of service at intersection.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

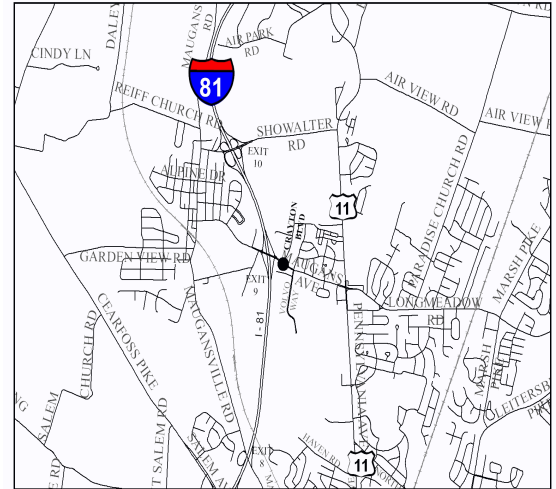
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	523,000	0	0	0	0	0	260,200	262,800
Inspection	60,500	0	0	0	0	0	0	60,500
Land Acquisition	10,300	0	0	0	0	10,300	0	0
Planning	10,300	0	0	0	0	10,300	0	0
Total Cost	604,100	0	0	0	0	20,600	260,200	323,300

Funding Schedule:

Contributions	200,000	0	0	0	0	0	200,000	0
General Fund	404,100	0	0	0	0	20,600	60,200	323,300
Total Funding	604,100	0	0	0	0	20,600	260,200	323,300

Project Title and Location:	Project Number: 1,113
Crayton Boulevard Signal	
Account Number:	RDI057
Description:	
Install a traffic signal at the intersection of Crayton Boulevard and Maugans Avenue. New poles for traffic signals will utilize concrete foundations already in place.	
Assumption:	
Project assumes 50% developer contribution.	
Justification:	
Traffic volume increases in this area are making turning movements at this location all the more difficult and potentially unsafe.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	130,000	0	130,000	0	0	0	0	0
Inspection	10,000	0	10,000	0	0	0	0	0
Total Cost	140,000	0	140,000	0	0	0	0	0

Funding Schedule:

Contributions	72,900	0	72,900	0	0	0	0	0
General Fund	67,100	0	67,100	0	0	0	0	0
Total Funding	140,000	0	140,000	0	0	0	0	0

Solid Waste



Solid Waste

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>Solid Waste</u>								
168	Contingency - Solid Waste	361,700	51,000	50,500	51,000	51,500	52,000	52,600	53,100
169	Leachate Pump Station and Force Main	1,274,700	577,400	697,300	0	0	0	0	0
170	Close Out Cap - Rubble Fill	1,914,500	81,400	0	0	0	1,833,100	0	0
171	Cell 5	212,300	0	0	0	0	0	0	212,300
172	Hancock Landfill - Gas Flares	279,400	83,600	195,800	0	0	0	0	0
173	E-Cycling Building	142,800	0	0	142,800	0	0	0	0
174	City/County Leachate Upgrades	587,800	0	587,800	0	0	0	0	0
	Solid Waste Total	4,773,200	793,400	1,531,400	193,800	51,500	1,885,100	52,600	265,400
	Funding Source - All Projects								
	General Fund	63,000	63,000	0	0	0	0	0	0
	Solid Waste Fund	957,500	646,800	50,500	51,000	51,500	52,000	52,600	53,100
	Self Supported Bond	3,752,700	83,600	1,480,900	142,800	0	1,833,100	0	212,300
	TOTAL	4,773,200	793,400	1,531,400	193,800	51,500	1,885,100	52,600	265,400

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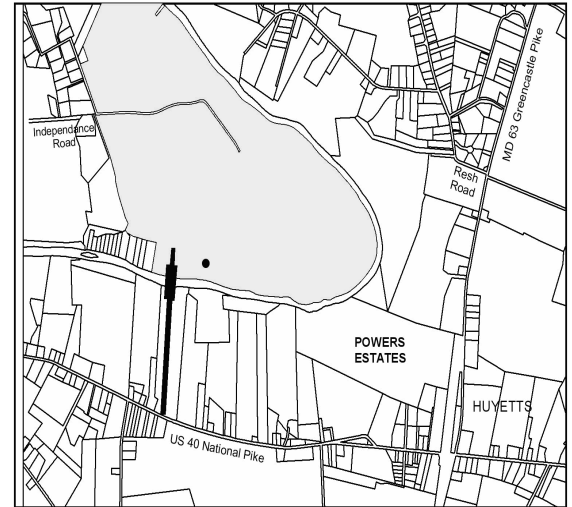
PROJECTED ANNUAL NEW OPERATING COSTS:

CASH REQUIREMENT SCHEDULE:

Funding Schedule:

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Project Title and Location:	Project Number: 102
Leachate Pump Station and Force Main	
Account Number:	LIN033
Description:	
Design and construct a landfill leachate pump station and approximately 2,100 feet of force main to discharge leachate into the domestic wastewater transmission lines from the Forty West landfill and possibly the former City/County landfill. This project is contingent upon completion of the wastewater transmission system to be constructed by private developers (Powers Estates) and the Cedar Springs pump station. Other expenses are for construction, management, and inspection services.	
Assumption:	
Justification:	
This project will reduce overall operational costs by eliminating the need to truck leachate to the wastewater plant via tractor-trailer vehicles. The construction and operational costs generate a payback in 10 years. The life of the asset is estimated to be in excess of 20 years.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	20,000	22,000	24,200	0	0
Debt Service			54,738	54,738	54,738	54,738	54,738	54,738
Gross Operating Cost			54,738	74,738	76,738	78,938	54,738	54,738
Net Operating Cost			54,738	74,738	76,738	78,938	54,738	54,738

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,013,500	357,000	656,500	0	0	0	0	0
Engineering/Design	200,000	200,000	0	0	0	0	0	0
Other	61,200	20,400	40,800	0	0	0	0	0
Total Cost	1,274,700	577,400	697,300	0	0	0	0	0

Funding Schedule:

Self Supported Bond	697,300	0	697,300	0	0	0	0	0
Solid Waste Fund	577,400	577,400	0	0	0	0	0	0
Total Funding	1,274,700	577,400	697,300	0	0	0	0	0

Project Title and Location:	Project Number: 105
Close Out Cap - Rubble Fill	
Account Number:	CAP003
Description:	
Design and construct close out cap for the Rubble landfill. At this point in time it is not known if a gas collection system will be required. If so, it will be a minimal passive system and should be considered included in the budget provided herein. Discussions with MDE staff indicate the facility permit can be routinely renewed, but the site kept inactive, as long as the facility is properly maintained. MDE stated they will not require capping to be installed prior to at least 2015 if no maintenance or compliance issues arise.	
Assumption:	
Justification:	
Work is required to comply with State regulations and facility permit. Federal regulations do not apply to rubble fill sites. Funding is assumed to be from the State Water Quality Loan Program.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	143,898	143,898	143,898
Gross Operating Cost			0	0	0	143,898	143,898	143,898
Net Operating Cost			0	0	0	143,898	143,898	143,898

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,591,600	0	0	0	0	1,591,600	0	0
Engineering/Design	165,300	81,400	0	0	0	83,900	0	0
Inspection	157,600	0	0	0	0	157,600	0	0
Total Cost	1,914,500	81,400	0	0	0	1,833,100	0	0

Funding Schedule:

General Fund	63,000	63,000	0	0	0	0	0	0
Self Supported Bond	1,833,100	0	0	0	0	1,833,100	0	0
Solid Waste Fund	18,400	18,400	0	0	0	0	0	0
Total Funding	1,914,500	81,400	0	0	0	1,833,100	0	0

Project Title and Location: Cell 5	Project Number: 947
Account Number:	
Description: Design and construction of Cell #5 at the Forty West landfill.	
Assumption:	
Justification: Needed to assure continuous uninterrupted landfill operations. Project start changed to FY 2017 due to decreased projected inbound waste volumes.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	16,666
Gross Operating Cost			0	0	0	0	0	16,666
Net Operating Cost			0	0	0	0	0	16,666

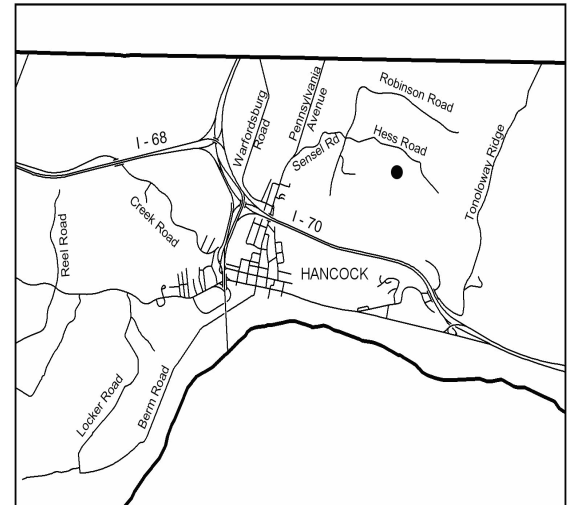
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	0	0	0	0	0	0	0	0
Engineering/Design	212,300	0	0	0	0	0	0	212,300
Inspection	0	0	0	0	0	0	0	0
Total Cost	212,300	0	0	0	0	0	0	212,300

Funding Schedule:

Self Supported Bond	212,300	0	0	0	0	0	0	212,300
Total Funding	212,300	0	0	0	0	0	0	212,300

Project Title and Location: Hancock Landfill - Gas Flares	Project Number: 997
Account Number: LDI038	
Description: Replace gas vents with gas flares at the Hancock Landfill	
Assumption:	
Justification: To stop the release of Landfill gas into the atmosphere.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	4,000	4,120	4,243	4,370	4,500
Debt Service			21,933	21,933	21,933	21,933	21,933	21,933
Gross Operating Cost			21,933	25,933	26,053	26,176	26,303	26,433
Net Operating Cost			21,933	25,933	26,053	26,176	26,303	26,433

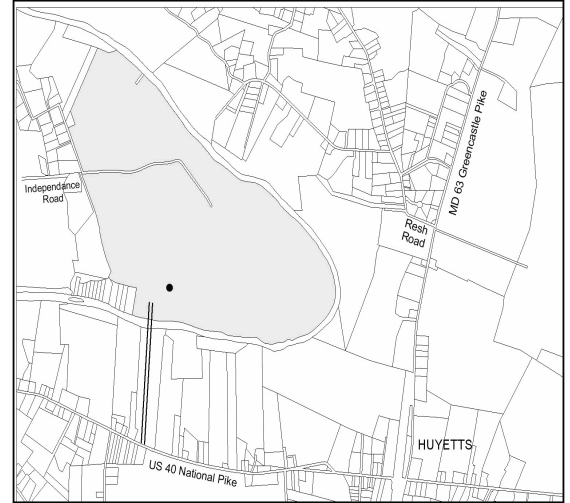
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	127,100	7,100	120,000	0	0	0	0	0
Engineering/Design	76,500	76,500	0	0	0	0	0	0
Inspection	75,800	0	75,800	0	0	0	0	0
Total Cost	279,400	83,600	195,800	0	0	0	0	0

Funding Schedule:

Self Supported Bond	279,400	83,600	195,800	0	0	0	0	0
Total Funding	279,400	83,600	195,800	0	0	0	0	0

Project Title and Location: E-Cycling Building	Project Number: 1,074
Account Number:	
Description: Design and construct a building to house the electronics recycling operations.	
Assumption:	
Justification: Currently the operations are being housed in portable trailers. The pallets of electronics need to be manually moved because there is no forklift access to the trailers.	



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	11,210	11,210	11,210	11,210	11,210
Gross Operating Cost			0	11,210	11,210	11,210	11,210	11,210
Net Operating Cost			0	11,210	11,210	11,210	11,210	11,210

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	142,800	0	0	142,800	0	0	0	0
Total Cost	142,800	0	0	142,800	0	0	0	0

Funding Schedule:

Self Supported Bond	142,800	0	0	142,800	0	0	0	0
Total Funding	142,800	0	0	142,800	0	0	0	0

Project Title and Location:	Project Number: 1,075
City/County Leachate Upgrades	
Account Number:	LDI040
Description:	
Upgrade the existing leachate pump stations and storage tanks at the City/County landfill. Inspection of the existing leachate conveyance and storage system by the County Division of Environmental Management staff concluded the system has exceeded its useful operational life, and requires upgrade and replacement.	
Assumption:	
Justification:	
The infrastructure was installed in the mid 1990's. Inspection of the existing leachate conveyance and storage system by the County Division of Environmental Management staff concluded the system has exceeded its useful operational life, and requires upgrade and replacement.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			46,142	46,142	46,142	46,142	46,142	46,142
Gross Operating Cost			46,142	46,142	46,142	46,142	46,142	46,142
Net Operating Cost			46,142	46,142	46,142	46,142	46,142	46,142

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	527,200	0	527,200	0	0	0	0	0
Engineering/Design	60,600	0	60,600	0	0	0	0	0
Total Cost	587,800	0	587,800	0	0	0	0	0

Funding Schedule:

Self Supported Bond	587,800	0	587,800	0	0	0	0	0
Total Funding	587,800	0	587,800	0	0	0	0	0

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Transit



Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	Five Year Capital Program				
						FY 2014	FY 2015	FY 2016	FY 2017	
	Cash Requirements									
	<u>Transit</u>									
178	Transit Buses	929,700	418,000	0	511,700	0	0	0	0	
179	Transit System Bus Shelters	467,913	260,813	0	102,000	0	0	105,100	0	
180	Vehicle Preventative Maintenance	728,810	135,010	151,500	76,500	80,400	86,200	94,200	105,000	
	Transit Total	2,126,423	813,823	151,500	690,200	80,400	86,200	199,300	105,000	
	Funding Source - All Projects									
	General Fund	170,908	55,408	15,100	58,000	8,100	8,600	15,200	10,500	
	Federal Grant	1,767,108	703,008	121,200	561,900	64,300	69,000	163,700	84,000	
	State Grant	188,407	55,407	15,200	70,300	8,000	8,600	20,400	10,500	
	TOTAL	2,126,423	813,823	151,500	690,200	80,400	86,200	199,300	105,000	

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Project Title and Location:	Project Number: 134
Transit Buses	
Account Number:	VEH003
Description:	
FY 13 - Replace three (3) fixed-route transit buses, Units 646 - 648 which will become 713 - 715. FY 19 - Replace nine (9) fixed-route transit buses, Units 701 - 709 which will become 716 - 724. FY 20 - Replace three (3) fixed-route transit buses, Units 710 - 712 which will become 725 - 727. FY 22 - Replace three (3) fixed-route transit buses, Units 713 - 715 which will become 728 - 730. FY 27 - Replace nine (9) fixed-route transit buses, Units 716- 724 which will become 731 - 739. FY 28 - Replace three (3) fixed-route transit buses, Units 725 - 727 which will become 740 - 742. FY 30 - Replace three (3) fixed-route transit buses, Units 728 - 730 which will become 743 - 745. FY 35 - Replace nine (9) fixed-route transit buses, Units 731 - 739 which will become 746 - 754. FY 36 - Replace three (3) fixed-route transit buses, Units 740 - 742 which will become 755 - 757.	
Assumption:	
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 current small/mid-size bus contract. Project funding assumes 80% Federal, 10% State, 10% local.	
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 projected based on current useful life schedule.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Vehicles	929,700	418,000	0	511,700	0	0	0	0
Total Cost	929,700	418,000	0	511,700	0	0	0	0

Funding Schedule:

Federal Grant	751,900	334,400	0	417,500	0	0	0	0
General Fund	83,800	41,800	0	42,000	0	0	0	0
State Grant	94,000	41,800	0	52,200	0	0	0	0
Total Funding	929,700	418,000	0	511,700	0	0	0	0

Project Title and Location:	Project Number: 929
Transit System Bus Shelters	
Account Number:	BLD041
Description:	
Procurement and installation of passenger bus shelters throughout the transit system's fixed-routes as amenities for our passengers. Locations to be determined.	
Assumption:	
Project funding assumes 80% Federal, 10% State, 10% local and is contingent on grant funding. Engineering needs assessment will need to be completed for each identified location.	
Justification:	
MTA provides grant funding for supportive services such as passenger shelters. Procurement of the shelter itself is only one step in the multi-step process of erecting passenger shelters. It is anticipated that this project will require many years to complete.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			1,000	0	1,000	0	1,000	0
Gross Operating Cost			1,000	0	1,000	0	1,000	0
Net Operating Cost			1,000	0	1,000	0	1,000	0

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Equipment/Furniture	467,913	260,813	0	102,000	0	0	105,100	0
Total Cost	467,913	260,813	0	102,000	0	0	105,100	0

Funding Schedule:

Federal Grant	407,313	235,813	0	83,200	0	0	88,300	0
General Fund	26,700	12,500	0	8,400	0	0	5,800	0
State Grant	33,900	12,500	0	10,400	0	0	11,000	0
Total Funding	467,913	260,813	0	102,000	0	0	105,100	0

Project Title and Location:	Project Number: 1,083
Vehicle Preventative Maintenance	
Account Number:	EQP021
Description:	
Funding source to use for preventative maintenance and repairs of transit vehicles and facilities.	
Assumption:	
Project funding assumes 80% Federal, 10% State, 10% local and is contingent on grant funding. Recent 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.	
Justification:	
Maintaining Federally funded assets is a priority to the Federal Transit Administration (FTA), Maryland Transit Administration (MTA) and Washington County Transit (WCT).	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Equipment/Furniture	728,810	135,010	151,500	76,500	80,400	86,200	94,200	105,000
Total Cost	728,810	135,010	151,500	76,500	80,400	86,200	94,200	105,000

Funding Schedule:

Federal Grant	607,895	132,795	121,200	61,200	64,300	69,000	75,400	84,000
General Fund	60,408	1,108	15,100	7,600	8,100	8,600	9,400	10,500
State Grant	60,507	1,107	15,200	7,700	8,000	8,600	9,400	10,500
Total Funding	728,810	135,010	151,500	76,500	80,400	86,200	94,200	105,000

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Water and Sewer



Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2012 - 2017

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
	Cash Requirements								
	<u>Water Quality</u>								
	Utility Administration								
184	Contingency - Utility Admin	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
185	General Building Improvements	102,000	0	0	102,000	0	0	0	0
	Utility Administration Total	288,400	25,500	25,500	128,000	26,500	27,100	27,600	28,200
	Wastewater Utility								
186	Contingency - Sewer	372,700	51,000	51,000	52,000	53,100	54,100	55,200	56,300
187	Smithsburg Wastewater Treatment Plant - Facility Improvements	15,110,130	806,670	0	4,398,260	9,905,200	0	0	0
188	Pump Station Upgrades - Various Stations	1,832,700	50,000	0	0	206,100	520,300	525,500	530,800
189	Winebrenner Wastewater Treatment Plant Upgrade	15,738,200	1,143,700	10,757,100	3,837,400	0	0	0	0
190	Replace PO 2 Pump Station	1,273,700	0	0	0	0	1,273,700	0	0
191	Potomac Edison Pump Station and Force Main Relocation	1,456,700	0	0	1,456,700	0	0	0	0
192	Antietam Wastewater Treatment Plant - Facility Improvements	1,105,500	70,000	0	0	515,200	520,300	0	0
193	Roof replacement at Conococheague WwTP	210,200	0	0	0	0	0	210,200	0
194	General WwTP Improvements	315,300	0	0	0	0	0	315,300	0
195	Wright Road Sewer Force Main Rehabilitation Project	150,000	0	150,000	0	0	0	0	0
	Wastewater Utility Total	37,565,130	2,121,370	10,958,100	9,744,360	10,679,600	2,368,400	1,106,200	587,100
	Water Utility								
196	Contingency - Water	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
197	Highfield Water System	176,800	0	176,800	0	0	0	0	0
198	WQ Distribution System Water Main and Meter Replacement	627,600	0	0	102,000	103,000	104,100	0	318,500
199	General Water Treatment Plant Improvements	153,000	0	50,500	51,000	51,500	0	0	0
200	Elk Ridge Water System Improvements	105,100	0	0	0	0	0	105,100	0
	Water Utility Total	1,248,900	25,500	252,800	179,000	181,000	131,200	132,700	346,700
	Water Quality Total	39,102,430	2,172,370	11,236,400	10,051,360	10,887,100	2,526,700	1,266,500	962,000
	Funding Source - All Projects								
	Utility Admin Fund	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
	Water Fund	441,200	25,500	177,800	77,000	78,000	27,100	27,600	28,200
	Sewer Fund	1,905,900	735,600	899,600	52,000	53,100	54,100	55,200	56,300
	Tax Supported Bond	333,100	333,100	0	0	0	0	0	0
	Self Supported Bond	22,105,230	341,870	5,696,900	6,531,960	6,384,400	1,144,700	1,156,100	849,300
	State Grant	11,810,200	710,800	4,436,600	2,317,700	4,345,100	0	0	0
	Contributions	2,320,400	0	0	1,046,700	0	1,273,700	0	0
	TOTAL	39,102,430	2,172,370	11,236,400	10,051,360	10,887,100	2,526,700	1,266,500	962,000

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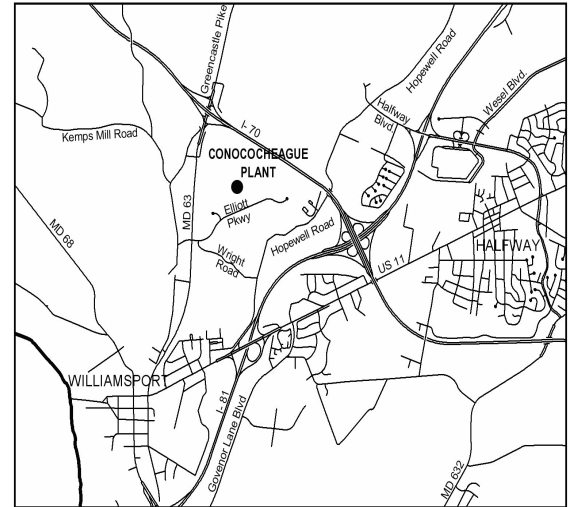
PROJECTED ANNUAL NEW OPERATING COSTS:

CASH REQUIREMENT SCHEDULE:

Funding Schedule:

Utility Admin Fund	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
Total Funding	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200

Project Title and Location: General Building Improvements	Project Number: 113
Account Number:	
Description: General building improvements to the administration office building.	
Assumption:	
Justification: Rehabilitation of the building appurtenances as recommended by the manufacturer and aging of the building.	



Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	8,007	8,007	8,007	8,007	8,007
Gross Operating Cost			0	8,007	8,007	8,007	8,007	8,007
Net Operating Cost			0	8,007	8,007	8,007	8,007	8,007

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	102,000	0	0	102,000	0	0	0	0
Total Cost	102,000	0	0	102,000	0	0	0	0

Self Supported Bond	102,000	0	0	102,000	0	0	0	0
Total Funding	102,000	0	0	102,000	0	0	0	0

Project Title and Location:	Project Number:	114
Contingency - Sewer		
Account Number:	ADM008	
Description:		
A budgetary reserve to provide for emergency or unanticipated expenditures.		
Assumption:		
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.		

PROJECTED ANNUAL NEW OPERATING COSTS:

			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

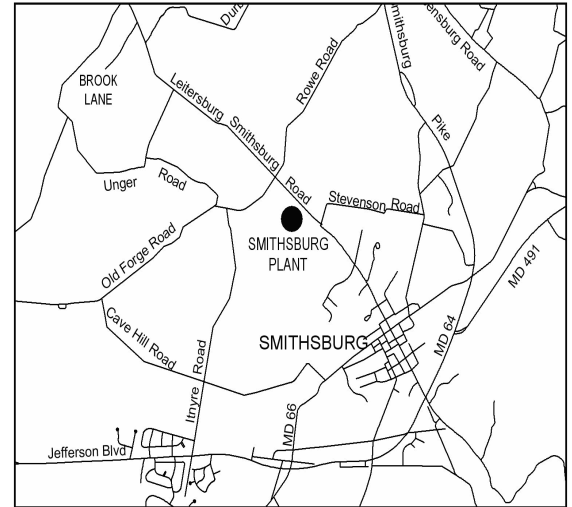
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Other	372,700	51,000	51,000	52,000	53,100	54,100	55,200	56,300
Total Cost	372,700	51,000	51,000	52,000	53,100	54,100	55,200	56,300

Funding Schedule:

Sewer Fund	372,700	51,000	51,000	52,000	53,100	54,100	55,200	56,300
Total Funding	372,700	51,000	51,000	52,000	53,100	54,100	55,200	56,300

Project Title and Location:	Project Number: 115
Smithsburg Wastewater Treatment Plant - Facility Improvements	
Account Number:	TRP021
Description:	
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 area.	
Assumption:	
Justification:	
Upgrade required to meet MDE's ENR strategy and to prepare for anticipated development in the area. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	83,200	86,528	89,989
Debt Service			29,474	348,849	785,316	785,316	785,316	785,316
Gross Operating Cost			29,474	348,849	785,316	868,516	871,844	875,305
Net Operating Cost			29,474	348,849	785,316	868,516	871,844	875,305

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	14,674,660	371,200	0	4,398,260	9,905,200	0	0	0
Engineering/Design	435,470	435,470	0	0	0	0	0	0
Total Cost	15,110,130	806,670	0	4,398,260	9,905,200	0	0	0

Funding Schedule:

Self Supported Bond	9,936,030	307,470	0	4,068,460	5,560,100	0	0	0
Sewer Fund	431,200	431,200	0	0	0	0	0	0
State Grant	4,674,900	0	0	329,800	4,345,100	0	0	0
Tax Supported Bond	68,000	68,000	0	0	0	0	0	0
Total Funding	15,110,130	806,670	0	4,398,260	9,905,200	0	0	0

Project Title and Location:	Project Number:	117
Pump Station Upgrades - Various Stations		
Account Number:	LIN034	
Description:		
General upgrades including electrical/equipment upgrades.		
Assumption:		
Justification:		
Upgrades required to address aging equipment issues.		

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	0	0	(1,434)
Debt Service			3,925	3,925	20,104	60,947	102,199	143,867
Gross Operating Cost			3,925	3,925	20,104	60,947	102,199	142,433
Net Operating Cost			3,925	3,925	20,104	60,947	102,199	142,433

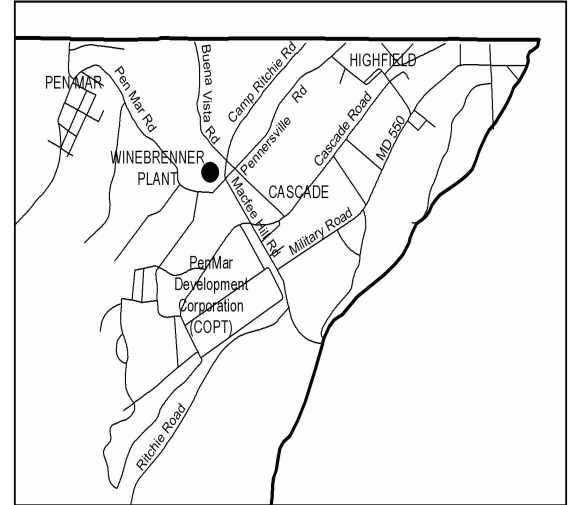
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,832,700	50,000	0	0	206,100	520,300	525,500	530,800
Total Cost	1,832,700	50,000	0	0	206,100	520,300	525,500	530,800

Funding Schedule:

Self Supported Bond	1,796,700	14,000	0	0	206,100	520,300	525,500	530,800
Tax Supported Bond	36,000	36,000	0	0	0	0	0	0
Total Funding	1,832,700	50,000	0	0	206,100	520,300	525,500	530,800

Project Title and Location:	Project Number:	119
Winebrenner Wastewater Treatment Plant Upgrade		
Account Number:	TRP016	
Description:		
Upgrade facility to comply with Maryland Department of the Environment's (MDE) Enhanced Nutrient Removal (ENR) strategy and improve operational efficiency.		
Assumption:		
Justification:		
Upgrade required to address aging equipment which will improve operational efficiency and reduce maintenance costs. Upgrade will also address requirements of MDE's ENR strategy.		

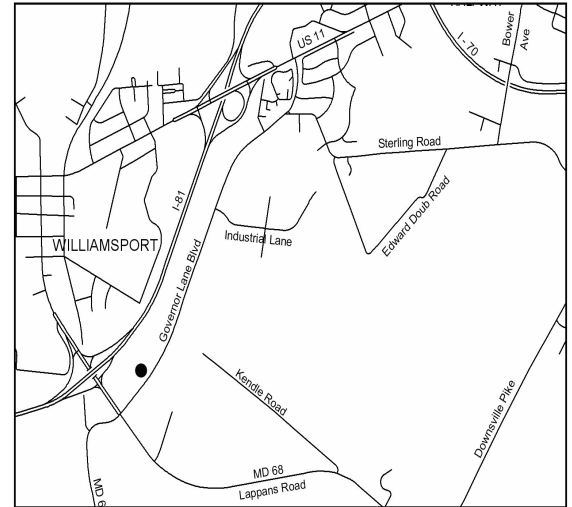


Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	67,000	69,680	72,467	0
Debt Service			455,017	632,388	632,388	632,388	632,388	632,388
Gross Operating Cost			455,017	632,388	699,388	702,068	704,855	632,388
Net Operating Cost			455,017	632,388	699,388	702,068	704,855	632,388

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	15,446,500	852,000	10,757,100	3,837,400	0	0	0	0
Engineering/Design	291,700	291,700	0	0	0	0	0	0
Total Cost	15,738,200	1,143,700	10,757,100	3,837,400	0	0	0	0

Self Supported Bond	7,826,800	20,400	5,546,900	2,259,500	0	0	0	0
Sewer Fund	1,032,000	183,400	848,600	0	0	0	0	0
State Grant	6,650,300	710,800	4,361,600	1,577,900	0	0	0	0
Tax Supported Bond	229,100	229,100	0	0	0	0	0	0
Total Funding	15,738,200	1,143,700	10,757,100	3,837,400	0	0	0	0

Project Title and Location: Replace PO 2 Pump Station	Project Number: 120
Account Number:	
Description: Replacement of the PO 2 pump station.	
Assumption:	
Justification: Current pump station will be unable to handle future sewage flow attributed to development in the service area. Therefore, the pump station will need to be replaced at the developers expense to handle the projected flows.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	11,800	11,800	11,800	11,800
Gross Operating Cost			0	0	11,800	11,800	11,800	11,800
Net Operating Cost			0	0	11,800	11,800	11,800	11,800

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,273,700	0	0	0	0	1,273,700	0	0
Total Cost	1,273,700	0	0	0	0	1,273,700	0	0

Funding Schedule:

Contributions	1,273,700	0	0	0	0	1,273,700	0	0
Total Funding	1,273,700	0	0	0	0	1,273,700	0	0

Project Title and Location: **Project Number: 121**

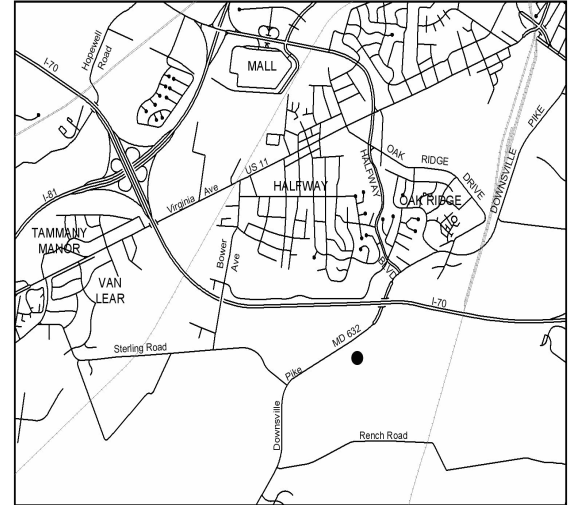
Potomac Edison Pump Station and Force Main Relocation

Account Number:**Description:**

Relocation of the existing force main and the Potomac Edison pump station.

Assumption:**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. Pending grant funding approval.

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

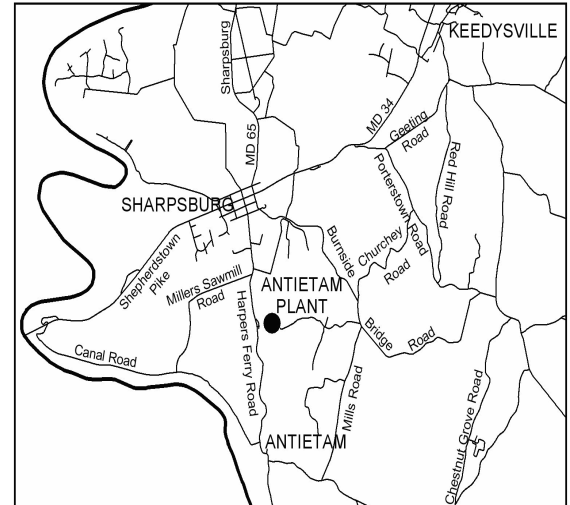
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,456,700	0	0	1,456,700	0	0	0	0
Total Cost	1,456,700	0	0	1,456,700	0	0	0	0

Funding Schedule:

Contributions	1,046,700	0	0	1,046,700	0	0	0	0
State Grant	410,000	0	0	410,000	0	0	0	0
Total Funding	1,456,700	0	0	1,456,700	0	0	0	0

Project Title and Location:	Project Number: 122
Antietam Wastewater Treatment Plant - Facility Improvements	
Account Number:	TRP017
Description: Upgrade the facility to meet current and future EPA and MDE permit requirements.	
Assumption:	
Justification: Upgrade the facility to address deteriorating conditions of the infrastructure due to aging.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	72,500	75,400	0
Debt Service			0	0	40,443	81,287	81,287	81,287
Gross Operating Cost			0	0	40,443	153,787	156,687	81,287
Net Operating Cost			0	0	40,443	153,787	156,687	81,287

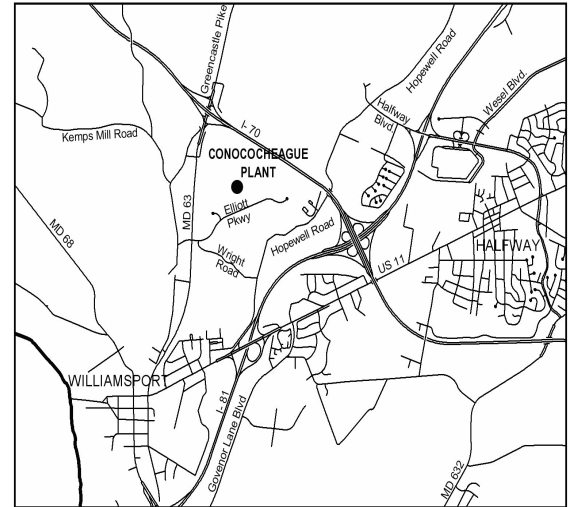
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	1,035,500	0	0	0	515,200	520,300	0	0
Engineering/Design	70,000	70,000	0	0	0	0	0	0
Total Cost	1,105,500	70,000	0	0	515,200	520,300	0	0

Funding Schedule:

Self Supported Bond	1,035,500	0	0	0	515,200	520,300	0	0
Sewer Fund	70,000	70,000	0	0	0	0	0	0
Total Funding	1,105,500	70,000	0	0	515,200	520,300	0	0

Project Title and Location:	Project Number: 1,077
Roof replacement at Conococheague WwTP	
Account Number:	
Description: Replacement of operational building roofs at the Conococheague Wastewater Treatment Plant.	
Assumption:	
Justification: Inspection of the roofs has shown aging and deterioration due to age. Reports have indicated that the roofs will need to be replaced and patching will only be a temporary fix until funds are available for full replacement.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	16,501	16,501
Gross Operating Cost			0	0	0	0	16,501	16,501
Net Operating Cost			0	0	0	0	16,501	16,501

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	210,200	0	0	0	0	0	210,200	0
Total Cost	210,200	0	0	0	0	0	210,200	0

Funding Schedule:

Self Supported Bond	210,200	0	0	0	0	0	210,200	0
Total Funding	210,200	0	0	0	0	0	210,200	0

Project Title and Location: General WwTP Improvements	Project Number: 1,078
Account Number:	
Description: General upgrades including electrical and equipment as required to address aging infrastructure and regulatory requirements	
Assumption:	
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.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	24,751	24,751
Gross Operating Cost			0	0	0	0	24,751	24,751
Net Operating Cost			0	0	0	0	24,751	24,751

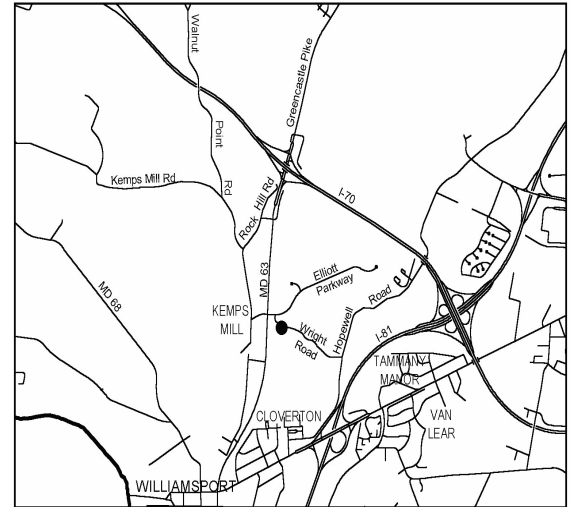
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	315,300	0	0	0	0	0	315,300	0
Total Cost	315,300	0	0	0	0	0	315,300	0

Funding Schedule:

Self Supported Bond	315,300	0	0	0	0	0	315,300	0
Total Funding	315,300	0	0	0	0	0	315,300	0

Project Title and Location:	Project Number: 1,116
Wright Road Sewer Force Main Rehabilitation Project	
Account Number:	LIN038
Description:	
<p>The existing force main has become exposed to the surface due to erosion caused by storm flow in the stream. The Department is proposing to encase the exposed section in concrete which will prevent further erosion and potential damage to the pipe and the environment. This method of correction has been discussed with MDE staff.</p>	
Assumption:	
<p>Justification:</p> <p>Repair of this pipe is required to address the continuing erosion problem which if left unattended will cause the pipe to develop breaks that will leak raw wastewater into the environment. Because this pipe is located directly next to the stream and a wetland area, any line break would result in a direct discharge to waters of the State and is therefore subject to automatic State fines for this type of violation.</p>	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			11,775	11,775	11,775	11,775	11,775	11,775
Gross Operating Cost			11,775	11,775	11,775	11,775	11,775	11,775
Net Operating Cost			11,775	11,775	11,775	11,775	11,775	11,775

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	150,000	0	150,000	0	0	0	0	0
Total Cost	150,000	0	150,000	0	0	0	0	0

Funding Schedule:

Self Supported Bond	150,000	0	150,000	0	0	0	0	0
Total Funding	150,000	0	150,000	0	0	0	0	0

Project Title and Location:	Project Number:	126
Contingency - Water		
Account Number:	ADM007	
Description:		
A budgetary reserve to provide for emergency or unanticipated expenditures.		
Assumption:		
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.		

PROJECTED ANNUAL NEW OPERATING COSTS:

			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

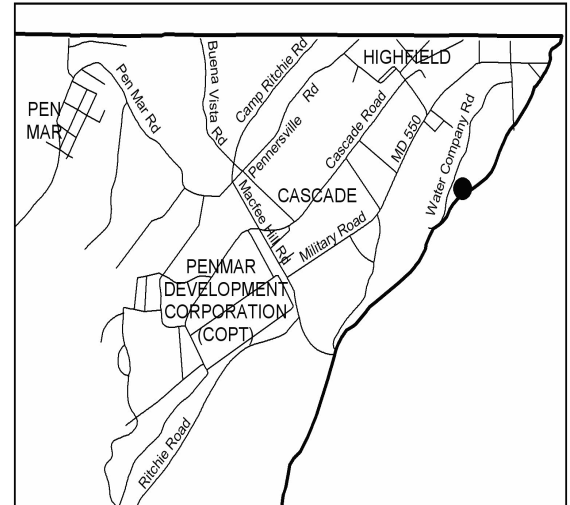
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Other	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
Total Cost	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200

Funding Schedule:

Water Fund	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200
Total Funding	186,400	25,500	25,500	26,000	26,500	27,100	27,600	28,200

Project Title and Location: Highfield Water System	Project Number: 127
Account Number: TRP022	
Description: Rehabilitation of the existing water treatment plants to meet future MDE permit requirements and extend life of the facility.	
Assumption:	
Justification: Rehabilitation of the infrastructure of the water treatment plants due to aging and to maintain a high water quality to the customers. Pending grant funding approval.	

**PROJECTED ANNUAL NEW OPERATING COSTS:**

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	176,800	0	176,800	0	0	0	0	0
Total Cost	176,800	0	176,800	0	0	0	0	0

Funding Schedule:

State Grant	75,000	0	75,000	0	0	0	0	0
Water Fund	101,800	0	101,800	0	0	0	0	0
Total Funding	176,800	0	176,800	0	0	0	0	0

Project Title and Location:	Project Number: 130
WQ Distribution System Water Main and Meter Replacement	
Account Number:	
Description: Replace aging water mains and meters in various water distribution systems.	
Assumption:	
Justification: Replacement due to the age deterioration of the water mains and meters.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	8,007	16,093	24,264	24,264	49,267
Gross Operating Cost			0	8,007	16,093	24,264	24,264	49,267
Net Operating Cost			0	8,007	16,093	24,264	24,264	49,267

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	627,600	0	0	102,000	103,000	104,100	0	318,500
Total Cost	627,600	0	0	102,000	103,000	104,100	0	318,500

Funding Schedule:

Self Supported Bond	627,600	0	0	102,000	103,000	104,100	0	318,500
Total Funding	627,600	0	0	102,000	103,000	104,100	0	318,500

Project Title and Location:	Project Number: 132
General Water Treatment Plant Improvements	
Account Number:	TRP025
Description: General upgrades to water treatment plants including electrical systems and equipment.	
Assumption:	
Justification: Upgrades required to address aging equipment, maintain high water quality, and address Federal/State regulations.	

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

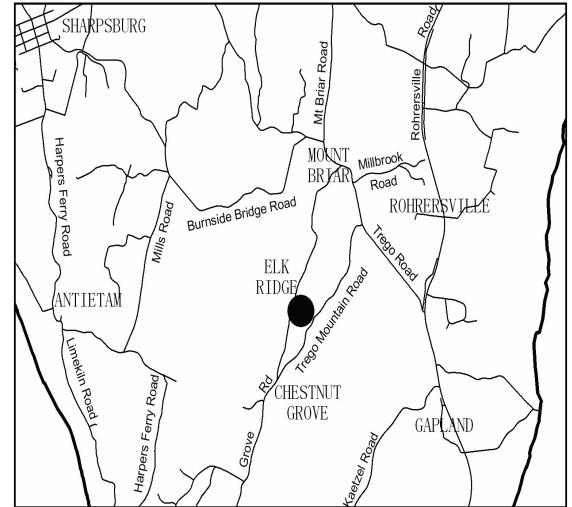
CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	153,000	0	50,500	51,000	51,500	0	0	0
Total Cost	153,000	0	50,500	51,000	51,500	0	0	0

Funding Schedule:

Water Fund	153,000	0	50,500	51,000	51,500	0	0	0
Total Funding	153,000	0	50,500	51,000	51,500	0	0	0

Project Title and Location: Elk Ridge Water System Improvements	Project Number: 1,076
Account Number:	
Description: Upgrade, replace, and rehabilitate water treatment plant equipment and appurtenances.	
Assumption:	
Justification: Rehabilitation of the water treatment plant infrastructure due to aging equipment and to maintain a high water quality to the customers.	



PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	8,250	8,250
Gross Operating Cost			0	0	0	0	8,250	8,250
Net Operating Cost			0	0	0	0	8,250	8,250

CASH REQUIREMENT SCHEDULE:

<i>Cost Categories:</i>	Six Year Cost	Prior Budget	Budget Yr 2012	Five Year Capital Program				
				FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Construction	105,100	0	0	0	0	0	105,100	0
Total Cost	105,100	0	0	0	0	0	105,100	0

Funding Schedule:

Self Supported Bond	105,100	0	0	0	0	0	105,100	0
Total Funding	105,100	0	0	0	0	0	105,100	0

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