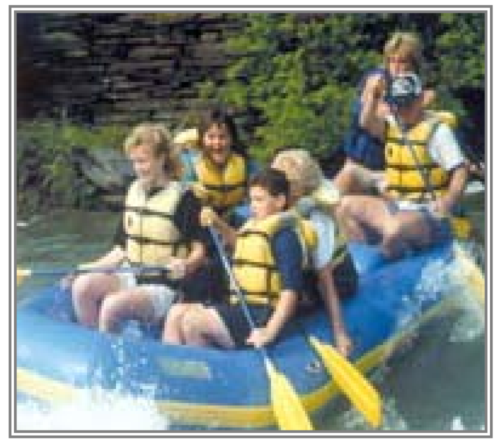
Washington County, Maryland



Approved Capital Budget Fiscal Year

2009

Capital Improvement Plan Fiscal Year 2009 - 2014

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Introduction

County Commissioners of Washington County

JOHN F. BARR, A FIRST-TERM County Commissioners, was elected in 2006 and serves as 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 dad 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 dad and changed the name to Ellsworth Electric, Inc. Mr. Barr is active in various service organizations and community projects.

TERRY L. BAKER, a first-term County Commissioner, was elected in 2006, and serves as Vice-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 degree in Education. Mr. Baker is employed as a trades instructor (carpentry) at the Washington County Technical High School. Prior to being elected a County Commissioner he served as a Council Member for the municipality of Clear Spring, from 2002 to 2004, and as Assistant Mayor from 2004 to 2006.

JAMES F. KERCHEVAL, a second-term County Commissioner, was first elected in 2002. He was born and raised in Washington County. Mr. Kercheval graduated from Smithsburg High School (Co-Valedictorian) in 1983, attended Hagerstown Community College, and received a B.A. degree in Mathematics/Computer Science from Shippensburg University in 1987. Following college, he became a partner in Em-Ing's Broiled Foods, a restaurant/catering operation in Ocean City, MD. In 1990 he opened Kerch's Southern BBQ in Hagerstown. Mr. Kercheval is a member a member of various local organizations including the Washington County Chamber of Commerce, Board member of Hagerstown Rotary, Past-President of the Hagerstown Jaycees, and was named Washington County Chamber of Commerce's Small Businessman of the Year in 2000.

WILLIAM J. WIVELL, C.P.A., a third-term County Commissioner, was first elected in 1998, and served as Vice-President of the Board from 2002 to 2006. Mr. Wivell is the Business Manager for Saint James School. He is a Certified Public Accountant and holds a Masters degree in Business Administration from Mount Saint Mary's University. He also holds a Bachelor's degree and Associate's degree from Shepherd University and Hagerstown Community College, respectively. He is a member of the American Institute of CPA's (AICPA) and the Maryland Association of CPA's (MACPA). Mr. Wivell is a lifetime resident of Washington County.

KRISTIN B. ALESHIRE, a first-term County Commissioner, was first elected in 2006. Mr. Aleshire is a native of Hagerstown and served six years on the City Council before being elected as a County Commissioner. He is a 1996 graduate of Hagerstown Community College and a 1998 graduate of Salisbury University. Mr. Aleshire is the Town Manager for Myersville, Maryland.

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):

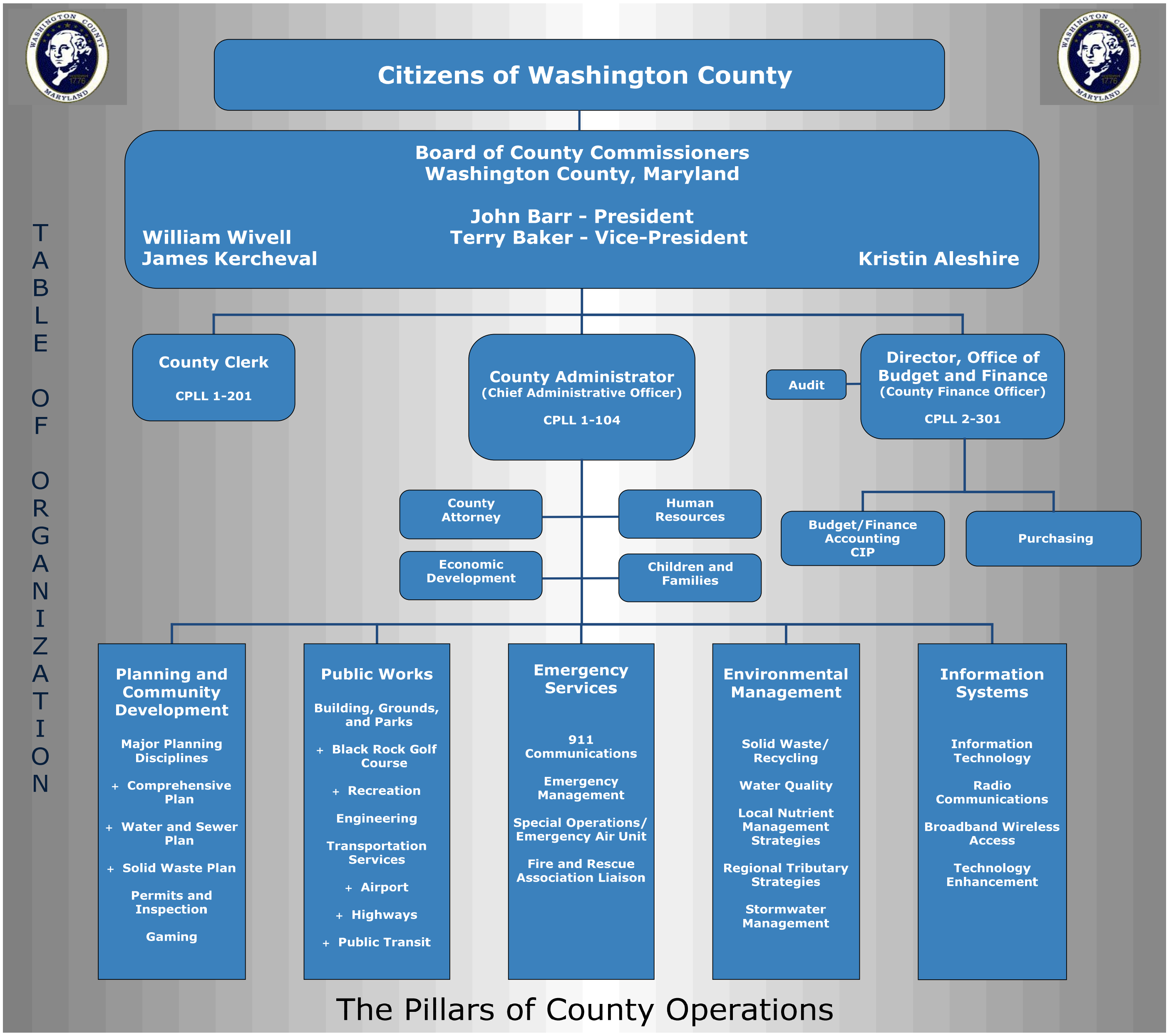
Supporting and strengthening individual and community self-reliance and responsibility;

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.

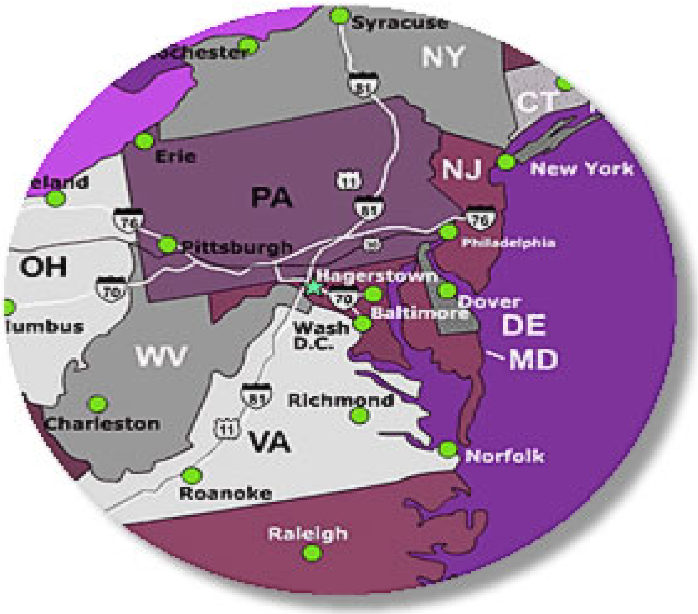
Table of Organization



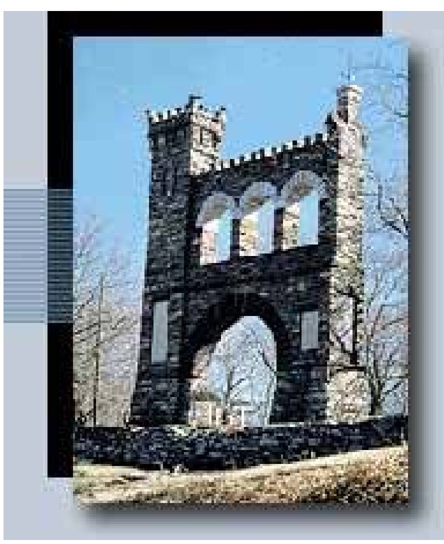
Community Profile

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.

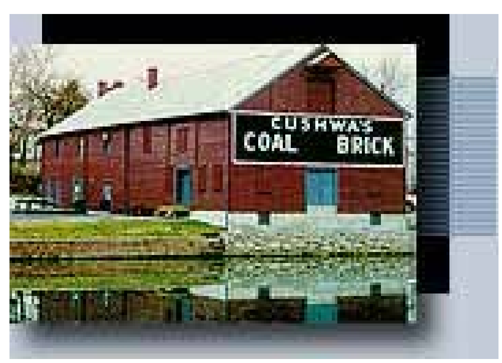


The major part of Washington County is fertile valley with rolling terrain. The lowland belt known as the Hagerstown Valley, which lies between the Blue Ridge Mountains to the west and the Appalachian ridges to the east, is an extension of the Shenandoah Valley of Virginia.



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 (i.e., meets standards required for scheduled commercial service), offering fixed base operation services to corporate and military aircraft. Over twenty 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. Over 650 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 seventy 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. Antietam Health Services operates Robinwood Medical Center and outpatient-related healthcare businesses including pharmacies, laboratories, durable medical equipment, corporate health, and management services.

Brook Lane Health Services is a private hospital, providing inpatient and outpatient psychiatric services. Program areas include children and adolescents, elder care, special education services, substance abuse and pastoral counseling.

Western Maryland Hospital Center, operated by the State of Maryland, is a specialty hospital and comprehensive care facility that provides a wide range of health and rehabilitative services.

Demographic Information

Population (Census 2000)

Year	County Total
1980	113,086
1990	121,393
2000	131,923
2006	143,748
2010 projected	150,950
2015 projected	161,400
2020 projected	171,400

Population Statistics (Census 2000)

Age:	Under 19	24.2%
	20-64 (workforce age)	62.3%
	65 & older	13.5%
	Median Age	37.6
Gender:	Male	50.8%
	Female	49.2%
Race:	White	87.6%
	Black	8.7%
	Other	3.6%

Top 15 Employers in Washington County

Rank	Employer	Employment
1	Washington County Health System, Inc.	2,971
2	Washington County Public Schools	2,921
3	State of Maryland	2,613
4	Citicorp Credit Services, Inc.	2,244
5	First Data Corporation	2,077
6	Volvo Powertrain North America	1,511
7	Washington County Government	1,080
8	Federal Government	763
9	Staples Distribution Center	760
10	Hagerstown Community College	682
11	FedEx Ground	574
12	Good Humor-Breyers Ice Cream, Inc.	521
13	Phoenix Color Corporation	509
14	City of Hagerstown	494
15	Horizon Goodwill Industries, Inc.	431

Education Facilities In Washington County

Higher Education:

Kaplan College - Hagerstown

Hagerstown Community College

University System of MD at Hagerstown

Primary Education:

25 Elementary Schools

7 Middle Schools

6 Senior High Schools

1 Middle/Senior High School

1 Technical High School

1 Early Childhood

1 Outdoor Education

1 Special Education

7 Academies

7 Magnet Schools

Teacher/Pupil Ratio:

20:1 Elementary

23:1 Secondary

County Income	
Per Capita Income	$ 31,015
Median Household Income	$ 51,650
Average Household Income	$ 67,350
Median Family Income	$ 60,721

County Employment Statistics	
Civilian Labor Force	70,396
Employed	67,169
Unemployed	3,227
Unemployment Rate	4.6%
State Average	3.8%

County Water Quality Systems

	Total # of Services
Full Service Water	1,283
Full Service Sewer	6,524
Collection Service Sewer	3,362
Total	11,169

County Business Patterns

Industry	Total # Establishments
Services	1,127
Retail Trade	666
Construction	469
Other	420
Wholesale Trade	152
Finance, Insurance, Real Estate	287
Manufacturing	150
Transportation/Warehousing	157
Information	50
Agricultural	7
Mining	3
Utilities	6
Total	3,494

County Building Permits (000's)			
	Number		Value
Residential New	313	$	73,439
Other Permits	2,655	$	99,674
Total	2,968	$	173,113

Overview

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.

Debt Management and Oversight

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 Peer Group currently consists of Howard, Frederick, Harford, Carroll, St. Mary's, Cecil, Wicomico, Calvert, and Charles Counties. 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, rating, and or 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, assisting in the capital budgeting decision process, and 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
2004	780	810	1.34%	1.68%	8.58%	10.0%	.32%	.40%
2005	841	1,000	1.34%	2.00%	8.52%	9.00%	.33%	.50%
2006	750	1,139	1.20%	1.61%	6.76%	7.81%	.25%	.31%
2007	772	1,181	1.13%	1.51%	6.03%	7.55%	.24%	.33%
2008 projected	836	1,181	1.21%	1.51%	6.21%	7.55%	.25%	.33%

When the County compares its debt ratios to its peer group and national medians, it only provides a snapshot of our debt position at a single point in time. 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, meets peer group ratio targets and avoids negative treatment by the rating agencies in the form of a rating downgrade, and keeps 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
2009	832	1,181	1.17%	1.51%	6.70%	7.55%	.27%	.33%
2010	848	1,181	1.16%	1.51%	6.67%	7.55%	.28%	.33%
2011	862	1,181	1.15%	1.51%	6.65%	7.55%	.28%	.33%
2012	872	1,181	1.13%	1.51%	6.71%	7.55%	.29%	.33%
2013	964	1,181	1.21%	1.51%	6.54%	7.55%	.28%	.33%
2014	991	1,181	1.21%	1.51%	6.47%	7.55%	.28%	.33%
2015	1,015	1,181	1.20%	1.51%	6.39%	7.55%	.29%	.33%
2016	1,038	1,181	1.19%	1.51%	6.21%	7.55%	.28%	.33%
2017	1,058	1,181	1.18%	1.51%	6.15%	7.55%	.28%	.33%

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
2018	1,078	1,181	1.17%	1.51%	5.92%	7.55%	.28%	.33%
2019	1,097	1,181	1.15%	1.51%	5.73%	7.55%	.28%	.33%
2020	1,111	1,181	1.13%	1.51%	5.76%	7.55%	.28%	.33%
2021	1,120	1,181	1.11%	1.51%	5.75%	7.55%	.29%	.33%
2022	1,130	1,181	1.09%	1.51%	5.49%	7.55%	.28%	.33%
2023	1,136	1,181	1.06%	1.51%	5.45%	7.55%	.28%	.33%
2024	1,136	1,181	1.03%	1.51%	5.43%	7.55%	.29%	.33%
2025	1,132	1,181	1.00%	1.51%	5.36%	7.55%	.29%	.33%
2026	1,125	1,181	.96%	1.51%	5.21%	7.55%	.29%	.33%
2027	1,116	1,181	.93%	1.51%	5.06%	7.55%	.29%	.33%
2028	1,102	1,181	.89%	1.51%	5.01%	7.55%	.29%	.33%

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 a positive factor in evaluating the County and assigning credit ratings.

The County's credit ratings are AA by Standard & Poor's, AA- by Fitch and an Aa3 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, the County, to remain prudent analyzes the impact of changing economic conditions on the recommended maximum level of annual issuance. Three economic scenarios were created:

- Base case reflects future economic conditions based off historical and projected trends.
- Best case reflects the best economic conditions based off historical high trends.
- Worst case reflects the worst economic conditions based off 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 and the debt issuance plan, although planning to issue debt on the best-case scenario is not advisable every year because some bonding capacity should be kept in reserve in anticipation of sudden unexpected economic downturns.

Final Analysis

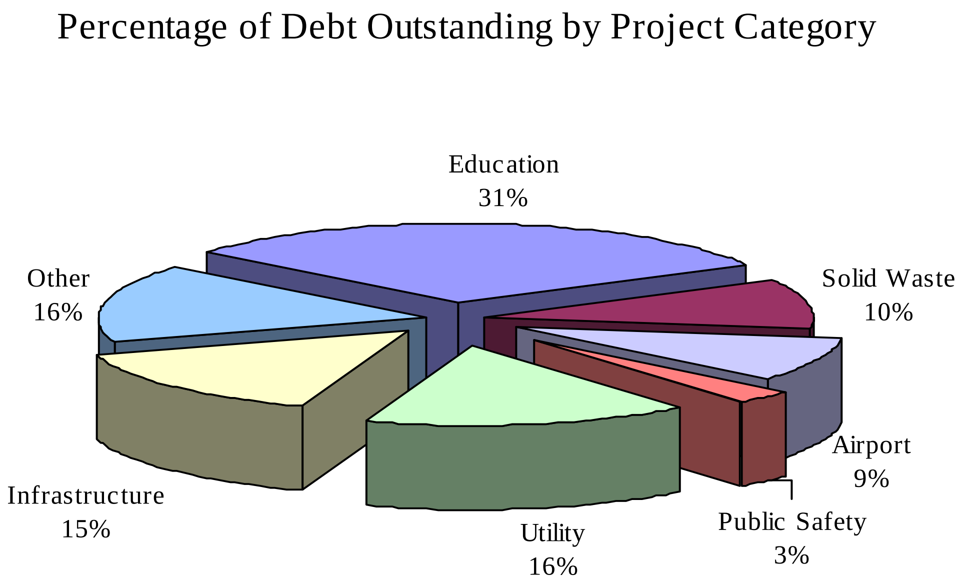
There are multiple factors that can affect the County's affordability to incur future indebtedness, including the County's economy and the availability of adequate financial resources. For that reason the financial ratios and analysis used, take into account the entire County financial condition, as 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 financial conditions and results on a regular basis together with economic trends 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 and credit condition 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 to better long-term financial planning and improved 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, 2008 by project category:



The impact of the Capital Improvement Budget on the Operating Budget is considered 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 2009 and the current outstanding balance at June 30, 2008.

Current Debt Balance and FY 2009 Principal and Interest Costs				
	Current Balance	FY 2009 Principal	FY 2009 Interest	FY 2009 Total Debt Service
General Fund:				
1999 Public Improvement Bonds	$ 4,014,886	$ 317,316	$ 193,985	$ 511,301
2000 Public Improvement Bonds	1,224,415	599,713	61,220	660,933
2001 Public Improvement Bonds	5,600,628	324,418	258,142	582,560
2002 Public Improvement Bonds	7,564,269	426,855	371,662	798,517
2002 Public Improvement & Refunding Bonds	7,496,745	1,100,440	335,515	1,435,955
2003 Public Improvement Bonds	5,018,397	291,423	200,651	492,074
2003A Public Improvement & Refunding Bonds	11,650,475	1,499,728	432,290	1,932,018
2005 Public Improvement & Refunding Bonds	27,025,762	1,480,930	1,034,418	2,515,348
2006 Public Improvement Bonds	9,715,000	380,000	404,250	784,250
2007 Public Improvement Bonds	13,291,213	431,964	555,697	987,661
2008 Public Improvement Bonds- estimated	15,539,530	500,000	699,260	1,199,260
MD Water Quality Solid Waste Refinancing	1,846,328	29,354	18,468	47,822
MD Water Quality Resh Capping Ph 1	5,000,000	241,229	54,162	295,391
Total General Fund Existing Debt	$ 114,987,648	$ 7,623,370	$ 4,619,720	$ 12,243,090
2009 Planned Debt:				
2009 Public Improvement Bonds	11,248,200	0	0	0
Total General Fund Debt	$ 126,235,848	$ 7,623,370	$ 4,619,720	$ 12,243,090
Highway:				
2008 Public Improvement Bonds	$ 3,000,000	$ 151,000	$ 145,000	$ 296,000
Total Highway Existing Debt	$ 3,000,000	$ 151,000	$ 145,000	$ 296,000
Solid Waste:				
1999 Public Improvement Bonds	$ 1,995,114	$ 157,684	$ 96,397	$ 254,081
2000 Public Improvement Bonds	585	287	30	317
2001 Public Improvement Bonds	3,894,372	225,582	179,498	405,080
2002 Public Improvement Bonds	55,731	3,145	2,738	5,883
2002 Public Improvement & Refunding Bonds	678,255	99,560	30,355	129,915
2003 Public Improvement Bonds	61,603	3,577	2,463	6,040
2003A Public Improvement & Refunding Bonds	739,525	125,272	25,580	150,852
2005 Public Improvement & Refunding Bonds	804,238	44,070	30,782	74,852
2007 Public Improvement Bonds	2,708,787	88,036	113,253	201,289
MD Water Quality Solid Waste Refinancing	5,072,433	80,646	50,724	131,370
MD Water Quality 40 West Cell 3	2,253,374	124,041	24,790	148,831
Total Solid Waste Existing Debt	$ 18,264,017	$ 951,900	$ 556,610	$ 1,508,510

Current Debt Balance and FY 2009 Principal and Interest Costs				
	Current Balance	FY 2009 Principal	FY 2009 Interest	FY 2009 Total Debt Service
Airport:				
2003A Public Improvement & Refunding Bonds	$ 720,000	$ 35,000	$ 29,500	$ 64,500
MD Industrial Commercial Redevelopment	1,157,299	114,450	71,800	186,250
MD Industrial Land Act	717,030	31,610	38,790	70,400
2006 Runway Extension Project Bonds	13,885,000	535,000	591,460	1,126,460
Total Airport Existing Debt	$ 16,479,329	$ 716,060	$ 731,550	$ 1,447,610
Water Quality:				
1996 Series A Project & Refunding Bonds	$ 6,667,433	$ 443,275	$ 431,725	$ 875,000
1996 Series B Taxable Project Bonds	1,050,000	500,000	77,450	577,450
2008 Public Improvement Bonds	1,410,470	55,225	70,103	125,328
MD Water Quality Series 90A	1,164,512	369,777	39,593	409,370
MD Water Quality Series 93A	431,026	66,149	14,189	80,338
MD Water Quality Series BNR	2,463,326	170,919	41,870	212,789
MD Water Quality Cono. Refunding 2004	8,710,000	1,440,000	34,840	1,474,840
MD Water Quality Pretreatment Refunding 2004	6,396,063	415,000	25,584	440,584
MD Water Quality Halfway I & I	534,567	25,685	5,346	31,031
Total Water Quality Existing Debt	$ 28,827,397	$ 3,486,030	$ 740,700	$ 4,226,730
2009 Planned Debt:				
2009 Pubic Improvement Bonds	3,758,700	0	0	0
Total Water Quality Debt	$ 32,586,097	$ 3,486,030	$ 740,700	$ 4,226,730
Total Existing and 2009 Planned Debt	$ 196,565,291	$ 12,928,360	$ 6,793,580	$ 19,721,940

Bonded Limit Summary as of June 30, 2008

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, 2008 the unused authorization available for issuance of general obligation bonds was $ 83,651,122.

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, 2008	
Assessed Value of Property in Washington County	$ 11,931,522,000
Debt Limit: % of Assessed Value	10%
Water Quality Borrowing Limitation	1,193,152,200
Water Quality Debt	28,827,397
Debt Margin	1,164,324,803
Ratio of Water Quality Debt to Assessed Value	.24%

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 Matrix

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

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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 Imperative - critical situation to remedy or prevent a major health/safety hazard; Material or equipment has already failed; required to comply with court order or law; implementation plans of the project are required prior to capital allocation.

Priority 2 Essential - project conforms to Board of County Commissioners master plans; essential to remedy or prevent major health/safety hazard; essential to avoid a predicated material failure in the immediate future; County funds are reimbursed by grants at greater than 80%; project significantly improves service delivery which will substantially reduce subsequent operating or capital costs.

Priority 3 Important - deferral of project would increase significant level of hazard; necessary maintenance or replacement, deferral will result in increased cost; project conforms with a written established departmental/agency plan/policy; project is an annual program necessary to avoid predicated failure; County funds are reimbursed by grants at less than 80%.

Priority 4 Acceptable - necessary maintenance or replacement; deferral will not result in significantly increased cost to the County or agency; project improves services delivery with no impact on future operating or capital costs.

Priority 5 Deferrable - Adds new assets; project does not significantly improve service delivery; project improves service delivery with impact on future operating and capital costs; project does not relate to or partially/fully conflict with County plans.

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.

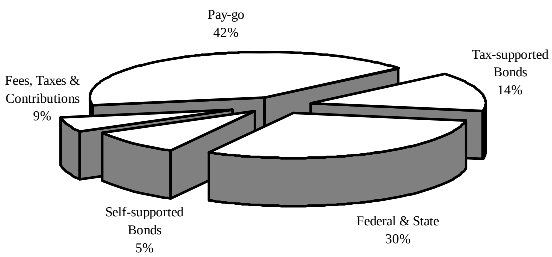
The CIP Committee provides an enterprise-wide view and prioritizes proposed projects while balancing project requests against known County objectives. After their review is complete the CIP Committee presents the Six-year Capital Improvement Plan to the Board of County Commissioners. The County Commissioners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

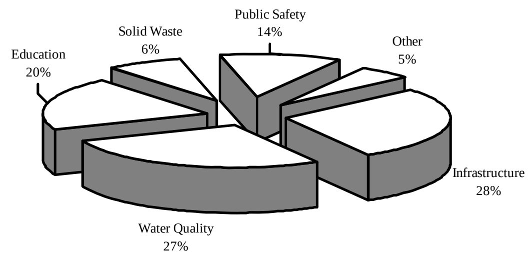
Capital Improvement Budget Overview

A graphic illustration of planned capital project distribution and funding sources for fiscal year 2009 is shown below. The fiscal year 2009 Capital Improvement Budget is funded mainly from: tax supported and self-supported bonds, pay-go funds, federal and state funds, and developer based fees.

Funding Sources



Capital Project Distibution



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 2009 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 FY09 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

Washington County, Maryland

Capital Improvement Plan

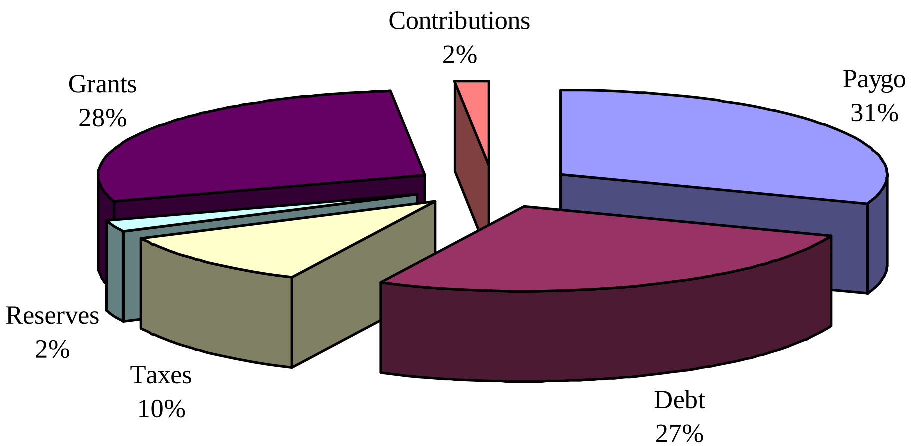
Fiscal Year 2009 - 2014

Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Cash Requirements								
Airport	13,579,300	0	740,000	1,247,900	2,521,600	3,826,700	2,980,300	2,262,800
Bridges	17,292,252	2,383,352	1,719,000	625,800	2,419,900	4,929,400	4,640,900	573,900
Drainage	1,750,000	35,000	135,000	0	1,011,600	369,000	199,400	0
Education	223,100,500	738,000	17,345,400	37,061,500	47,904,500	30,835,700	46,848,100	42,367,300
General Government	18,944,500	0	8,100,900	3,460,300	8,552,500	8,112,200	(8,207,000)	(1,074,400)
Parks & Recreation	3,384,835	216,635	119,100	841,100	805,800	634,800	767,400	0
Public Safety	35,346,279	21,527,479	10,387,100	1,838,000	0	0	309,100	1,284,600
Railroad Crossings	1,275,900	45,000	0	5,100	371,400	854,400	0	0
Road Improvement	102,535,281	13,654,181	16,666,000	13,728,400	12,541,000	12,086,800	18,885,800	14,973,100
Solid Waste	29,655,000	5,599,000	6,554,200	5,727,500	5,555,700	838,900	298,100	5,081,600
Transit	4,661,800	0	1,553,000	348,600	2,565,300	37,700	44,100	113,100
Water Quality	76,446,740	5,301,640	23,666,700	16,543,100	12,643,100	12,341,200	4,803,700	1,147,300
TOTAL	**527,972,387**	**49,500,287**	**86,986,400**	**81,427,300**	**96,892,400**	**74,866,800**	**71,569,900**	**66,729,300**
Funding Source - All Projects								
General Fund	153,610,411	17,504,711	22,605,700	22,700,000	22,700,000	22,700,000	22,700,000	22,700,000
Solid Waste Fund	1,699,100	265,000	343,000	41,000	452,100	441,500	77,300	79,200
Utility Admin Fund	538,800	75,000	245,000	25,600	110,400	26,900	27,600	28,300
Water Fund	1,237,900	100,000	110,000	369,000	183,900	194,200	82,800	198,000
Sewer Fund	3,310,410	1,195,210	612,700	730,000	606,900	53,800	55,200	56,600
Transit Fund	193,000	0	100,000	18,000	75,000	0	0	0
Tax Supported Bond	102,263,314	11,989,514	12,000,000	16,000,000	16,000,000	16,000,000	16,000,000	14,273,800
Self Supported Bond	38,007,270	561,670	4,626,900	9,064,700	10,175,200	5,845,800	2,169,100	5,563,900
State Loan	1,017,671	1,017,671	0	0	0	0	0	0
Transfer Tax	17,523,020	1,923,020	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
Excise Tax - Schools	20,087,000	0	2,350,300	2,665,400	2,980,300	3,610,300	4,240,300	4,240,400
Excise Tax - Roads	7,924,800	1,325,000	772,300	875,300	979,300	1,186,300	1,393,300	1,393,300
Excise Tax - Other	1,848,819	413,319	168,000	190,900	212,900	257,900	302,900	302,900
Excise Tax - Library	542,650	314,250	67,100	76,200	85,100	0	0	0
Excise Tax - Non-Residential	6,250,000	250,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Unrestricted Excise Tax	1,142,300	1,142,300	0	0	0	0	0	0
Capital Reserve	12,316,500	0	12,296,500	3,600	4,300	3,800	4,300	4,000
Federal Grant	26,969,860	4,016,260	2,182,200	1,578,700	5,548,900	5,424,800	5,978,700	2,240,300
State Grant	123,179,632	5,236,932	24,140,700	20,279,900	31,732,600	15,021,500	14,719,400	12,048,600
Contributions	8,309,930	2,170,430	766,000	3,209,000	1,445,500	500,000	219,000	0
TOTAL	**527,972,387**	**49,500,287**	**86,986,400**	**81,427,300**	**96,892,400**	**74,866,800**	**71,569,900**	**66,729,300**

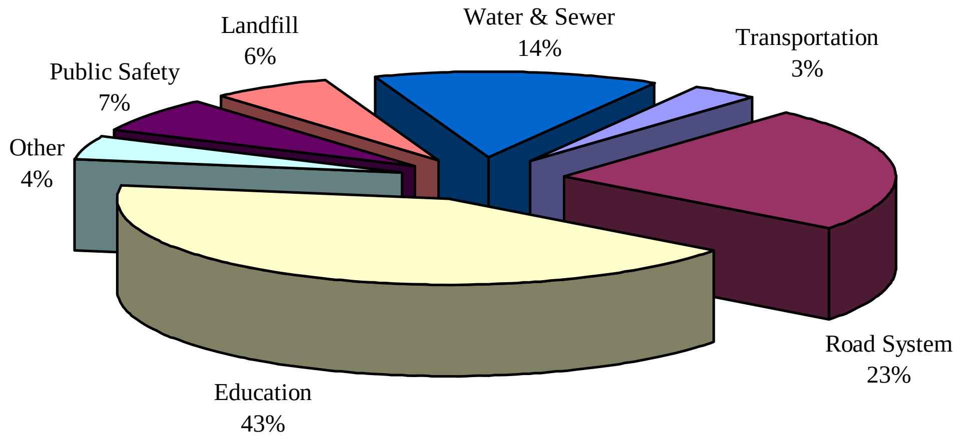
Six-year Capital Improvement Plan Summary

The following charts illustrate the projects by category and the funding sources that are currently scheduled for FY 2009 thru FY 2014. The 'Other' category includes projects for: Parks & Recreation, Technology, Senior Community Center and General Government. 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 $528,972,387.

Source of Project Funding



Use of Project Funding



Fiscal Year 2009 Capital Improvement Budget - Project Detail

Project Name	Project Description	Project Budget	Operating Impact
Capital Equipment - Airport	Wildlife Management control vehicle.	$ 40,000	$ -
Update Airport Master Plan	The Airport's 20-year-old Master Plan will be updated.	700,000	-
East Oak Ridge Drive Bridge W4001	Rehabilitate stone arch structure. Structure is considered eligible for the National Register of Historic Places. Rehabilitation will include concrete fill, traffic barrier upgrades, and scour repair and reporting.	296,000	4,647
Spade Road Bridge 13/06	This bridge is located in the 16000 Block of Spade Road (ADC Map8, Grid K-11). Replace badly damaged upstream wing wall on the existing steel stringer bridge. This structure underwent significant repairs in 1996 but was severely damaged by the June 2006 floods.	5,000	393
Mills Road Culvert/Bridge W8001	This bridge is located in the 4100 Block of Mills Road (ADC Map 34, Grid D-5). The work entails replacement of temporary corrugated metal pipe culverts with permanent precast concrete bridge, traffic barrier, and safety improvements	846,000	66,411
Resley Road Culvert 05/12	This project is located in the 3500 Block of Resley Road (ADC Map 2, Grid D-4). Replace the existing steel stringer structure with precast concrete box culvert due to significant deterioration and low load carrying capacity.	279,000	-
Ernstville Road Bridge 15/05	This project is located in the 11200 Block of Ernstville Road (ADC Map 16, Grid J-7). Replace existing concrete structure with a precast concrete box culvert. Upgraded traffic barrier will be added to improve vehicle safety.	293,000	-
Preston Road Drainage	This project involves replacing an aged deficient storm drain system that connects Preston Road to US 11 in the vicinity of Fountainhead Plaza. This project will involve new inlets and storm drain pipes being installed both in County R/W and on private property.	135,000	10,598
Systemic Projects at Various Sites	Future designated systemic projects include chillers, boilers, rooftop HVAC units, cooling towers, and roof replacements. Systemic projects are eligible for matching State funding.	1,000,000	52,693

Project Name	Project Description	Project Budget	Operating Impact
ADA Projects at Various Sites	Provide access to individuals with disabilities by modifying entrances, bathrooms, alarm systems, etc. This is an ongoing budget item used to address specific needs of individual students. Projects include various improvements at Springfield Middle School, Greenbrier Elementary School, Smithsburg Middle School, Funkstown Elementary School, E. Russell Hicks Middle School, and Cascade Elementary School.	$ 100,000	$ -
Relocatable Classrooms at Various Sites	Install relocatable classrooms at sites to be determined by enrollment projections, full-day kindergarten, and pre-kindergarten requirements.	1,600,000	1,281,890
Eastern Primary (New School)	New school construction of a 77,016 square foot primary school building to house Pre-K 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.	1,600,000	-
Fountain Rock Elementary Cafeteria	Planning, design, and construction of a cafeteria and related spaces.	1,128,000	-
Capital Maintenance - BOE	Projects vary depending on the conditions, changing populations, 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.	2,000,000	57,135
Antietam Academy (replace Alternative School)	Antietam Academy will serve as a center for Alternative Education needs. Planned enrollment capacity for this 40,700 square foot school is 200 Middle School and High School students (Grades 6-12)	2,250,000	-
Arts and Sciences Complex	The main purpose of this project is to provide Hagerstown Community College with a new academic building supporting the programs of the Mathematics and Science Division (excluding Engineering) and renovated facilities to support some of the classroom, laboratory, and office needs of the English, Humanities and Behavioral, and Social Sciences divisions.	6,455,400	-

Project Name	Project Description	Project Budget	Operating Impact
Renovation and Expansion of the Central Library	The project calls for approximately doubling the size of the current facility to 91,000 square feet. The city of Hagerstown has agreed to help with land acquisition on the east side of the building.	$1,212,000	$ -
Contingency – General Fund	A reserve to provide for emergency or unanticipated expenditures for all categories.	1,200,000	-
Bond Issuance Costs	Costs associated with sale of bonds. The costs include fees for printing, financial advisor, bond counsel, discounts, and rating agency fees.	230,000	18,055
Oracle Platform Upgrade	Integrated financial system (general ledger, human resources, payroll, financials, purchasing, utility, and budget) is used for countywide operation to process all financials, human resources, payroll, and purchasing functions for the County.	250,000	-
County Wireless Infrastructure System	Increase scope and reliability of existing system through additional installation and backup equipment. System is available as an enhancement for other County agencies as well as the Board of Education, Library, Emergency Services, Sheriff's Department, City of Hagerstown Police Department and other City services.	100,000	-
Fuel Center – Southern Section Highway Maintenance Shop	Construct a diesel and gasoline fuel center at the southern section highway maintenance shop. The facility will be usable to all County, Sheriff's Office, and the Board of Education vehicles operating in that general vicinity. The project includes a motorized entrance gate and connectivity to the central section highway shop software tracking system for billing and data collection.	226,200	17,757
Renovate 80 W. Baltimore Street Administrative Annex	Renovate open space office environment to accommodate added employees and increase workflow efficiency within the building. Project includes office move, disassembly, reassembly of workstations, electrical and data connectivity.	275,000	21,588
MLS Park – Walking Trail	Excavate, grade, and pave 1,700 linear feet of new walking trail. Overlay 3,900 linear feet of existing walking trail.	43,000	-
MLS Park – Rubberized Playground Mulch	Remove existing wood mulch at playground equipment that is used for fall protection and replace with rubber mulch product.	25,000	-
Doubs Woods Art Pavilion Roof	Replace existing flat roof on the Arts Pavilion with rubberized roofing material due to several leaks developing over the winter.	9,600	-

Project Name	Project Description	Project Budget	Operating Impact
Black Rock Golf Course Pavilion	Excavate, grade, and construct a 30-foot x 60-foot pavilion.	$ 41,500	$ -
Public Safety CAD/Records Management System	Construction of a fiber optic link to connect the Sheriff's Office with Elliott Parkway (new 911 center) and consolidation of the computer aided dispatch/records management systems used by Emergency Services, Sheriff's Office, and the City of Hagerstown Police Department. Purchase and installation of replacement computer servers capable of high-speed redundant service necessary in the public safety environment.	1,117,100	43,454
Renovate Emergency Services Offices	Renovate and expand the office area for the Department of Emergency Services to include a new 911 call taking and fire/rescue dispatch operations room, emergency operations center, adequate administrative offices, training room for countywide emergency services and electrical/mechanical rooms to accommodate the new 911 telephone system and countywide radio system. This also allows for future consolidation of communication centers.	200,000	-
911 Center Computer Equipment	Acquisition and installation of necessary computer equipment for 911 operations for Emergency Medical Services and Fire and Law Enforcement. Required to purchase additional site license and merge the computer aided dispatch systems within the affected agencies.	702,200	-
Communications System Replacement	Replace existing countywide radio communications equipment including fixed network, microwave components, and all mobile/portable equipment. Locations include five tower sites, Emergency Operations Center, Sheriff's Patrol Facility, and all Fire and Rescue stations.	3,545,200	224,200
Central Booking Facility	Centralized booking requires adding onto the Detention Center and redesign of the existing Administrative area. Some of the funding for the project could come from the State if funds are available at the time of the project.	2,710,500	488,415
Phase 1A – Emergency Housing Unit	This request is for a 96 bed modular steel building that provides dormitory style housing for inmates. This type of building has a lifespan of 25 years and can be constructed and installed in a relatively short time frame.	1,421,000	498,971
Circuit Courthouse Security Improvements	This project addresses the security concerns raised in the security survey conducted by the National State Courts in October 2006 at the Washington County Circuit Courthouse.	691,100	-

Project Name	Project Description	Project Budget	Operating Impact
Pavement Maintenance and Rehabilitation Program	Modification of countywide pavement maintenance program targeting rehabilitation of county highway pavement as required. Techniques may include by not be limited to road reclamation, bituminous concrete overlay, crack sealing, and surface treatment. Individual projects will be determined on an annual basis consistent with the County's overall Pavement Management Program.	$5,000,000	$ 253,374
Robinwood Corridor II	Widen Robinwood Drive to four lanes between Medical Campus Drive and Hagerstown Community College (approximately 4,100 feet). New road section will consist of two 12-foot wide lanes in each direction with a raised grassed median and closed storm drain.	3,031,000	-
Halfway & Massey Boulevards Intersection	Project consists of adding additional lanes at the intersection to increase capacity and safety. Intersection will consist of double left turn lanes, double through lanes, and single right turn lanes in all directions. Sidewalks will also be added in several areas to improve pedestrian access.	3,399,000	143,508
Marsh Pike/Longmeadow Road Intersection	Capacity enhancement of signalized intersection. Work includes additional turning lanes, traffic signal reconstruction, and the placement of sidewalks to facilitate pedestrian movements.	1,765,000	-
Edgewood Drive @ US Route 40	Widen Edgewood Drive to a five lane urban section between Mt. Aetna and US Route 40. Reconstruct each leg of US Route 40 intersection. Includes major reconstruction of Edgewood Drive legs and additional signalization. Only County share is shown as road is State owned and not a County asset. Project will be managed by the SHA.	628,000	47,807
US 40 and Mt. Aetna Road Intersection	Project involves capacity enhancements at the existing intersection. Project consists of creating a double left turn lane onto Mt. Aetna Road from US 40 and a double right turn lane onto US 40 from Mt. Aetna Road. The additional southbound lane on Mt. Aetna Road will extend to the intersection with Yale Drive.	399,000	31,322
Southern Boulevard I	Project involves the construction of Southern Boulevard between East Oak Ridge Drive near South Pointe Drive to Frederick Street (US 40A). The project includes a signalized intersection at Frederick Street.	1,429,000	-

Project Name	Project Description	Project Budget	Operating Impact
Burnside Bridge Road Stream Bank Stabilization	Project involves stabilizing the stream bank of the Antietam Creek that is threatening to damage the adjacent road section of Burnside Bridge Road. The stabilization effort will include the use of riprap and gabions. As this location (approximately 0.7 miles north of the intersection with Churchy Road) is located within the Antietam National Battlefield, park approval is required. Arm Corps of Engineers and Maryland Department of the Environment permits/approvals are also required.	$ 440,000	$ 34,540
Eastern Boulevard Widening Phase I	Rehabilitate and 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.	575,000	45,138
Contingency – Solid Waste	A budgetary reserve to provide for emergency or unanticipated expenditures.	30,000	-
C & D Staging Area	The design and construction of a staging/handling area for construction and demolition waste. Material delivered to this area will be either recycled, reused, or landfilled elsewhere, thereby removed form the 40-West wastestream. Area is located near future Cell 11 and consists of an approximately 5 acre site generally graded flat with a 40' x 40' concrete slab with graded aggregate placed to facilitate truck and equipment movement.	202,000	-
Weigh Scale Relocation	This project consists of relocating the existing weigh scales and constructing a new scale house approximately 800 feet to the east of the existing location.	906,000	71,121
Cell #7	Final design and construction for Cell #7 and #6, including the preparation of bid documents. This item includes engineering support during construction. The cells will be combined.	250,000	10,912
Close Out Cap – Phase 2 - Resh	Design and construction of the final close out cap for the Resh Road Landfill. Project includes the installation of a passive landfill gas collection system. Phase 2 consists of Cell 1 – 5.	4,515,200	185,354
Cells 5, 6 & 7 Spring Control	Construction of a drainage system to direct an existing spring beyond the limits of the future Cells 5, 6, and 7 at the 40-West landfill.	575,000	45,138

Project Name	Project Description	Project Budget	Operating Impact
Feasibility Study of Countywide Solid Waste Management	Consultant services to evaluate countywide managed trash collection.	$ 76,000	$ -
Capital Maintenance Items - Transit	Miscellaneous vehicle repairs for our existing bus fleet.	25,000	-
Transit Busses	Replace two (2) mid-size transit busses (units 649 and 650).	400,000	-
Shop Equipment/Tools	Miscellaneous shop equipment/tools. Vehicle engine exhaust extraction system for indoor bus storage area.	25,000	-
Farebox Repairs & Upgrade	Continue maintaining and refurbishing all electronic fareboxes. Fareboxes collect passenger's fares and track ridership data that is reported to the Maryland Transit Administration (MTA).	5,000	-
Facility Maintenance	General facility preventative maintenance; perimeter property fence repair and paint, and blacktop pavement of rear training lot.	58,000	-
Transit System Bus Shelters	Installation of a total of ten (10) bus shelters throughout the Transit system's fixed-routes as amenities for passengers. Locations to be determined.	40,000	-
Transit Bus Transfer Center	Acquire land, design, and construct a transit bus transfer station. The station will include shelter areas and ticket booth for customers and restrooms for bus operators. The project is consistent with the Washington County Transfer Point Relocation Study completed in January 2008.	1,000,000	-
Contingency – Utility Admin	A budgetary reserve to provide for emergency or unanticipated expenditures.	25,000	-
Vehicle/Equipment Building – Water & Sewer Maintenance	Additional facility to insure proper maintenance of specialty equipment.	250,000	11,775
Atomic Absorption Analyzer Upgrade	Upgrade to atomic absorption analyzer unit,	120,000	-
Contingency - Sewer	A budgetary reserve to provide for emergency or unanticipated expenditures.	50,000	-
Upgrade PO No. 1	Complete upgrade of pumps and appurtenances including the installation of an emergency generator, replace aging equipment, and increase wet well storage.	65,000	5,103

Project Name	Project Description	Project Budget	Operating Impact
Pump Station Upgrades – Various Sites	General upgrades including electrical/equipment upgrades.	$ 100,000	$ 6,524
Conococheague Wastewater Treatment Plant – ENR Upgrades	Plan, design, and construct upgrades required to meet Maryland Department of the Environment (MDE) Enhanced Nutrient Removal (ENR) strategy.	21,737,000	882,297
Winebrenner Wastewater Treatment Plant Upgrade	Upgrade facility to comply with Maryland Department of the Environment (MDE) Enhanced Nutrient Removal (ENR) strategy and improve operational efficiency.	259,700	3,886
I & I Rehabilitation Project	Identify and rehabilitate inflow and infiltration in the Highfield and Maugansville Collection Systems.	200,000	(5,000)
College Road Pump Station Upgrade	Upgrade of equipment and wet well.	300,000	23,550
Keedysville-Knolls Pump Station Upgrade	Construct additional wet well capacity.	235,000	10,598
Contingency - Water	A budgetary reserve to provide for emergency or unanticipated expenditures.	25,000	-
Mt. Aetna Water System – Upgrade and Replace Equipment	Upgrade and replacement of equipment and appurtenances including water lines, valves and vaults.	200,000	-
Elk Ridge Water Distribution Line Improvements	Replace aging pipes in distribution system.	100,000	-
Future Construction Project Reserve	Construction funds reserved for large projects requiring significant contributions of cash that exceed the County's annual debt limitation and annual pay go funding	5,819,700	-
		$86,986,400	$ 4,594,154

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 2009 is approximately $19.7 million.

The six-year operating budget impact forecasts for individual projects approved in the fiscal year 2009 Capital Budget are presented in the project detail schedule located in the next section.

The table below presents a six-year summary forecast of capital project impact on the operating budget, by category, for fiscal years 2009 to 2014.

Six-year Capital Improvement Plan Estimated Operating Impact						
Project Category	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Airport	$ 0	$ 0	$ 0	$ 5,000	$ 5,200	$ 5,200
Bridges	147,897	177,632	317,834	481,350	348,473	45,051
Drainage	10,598	0	46,127	12,748	12,653	12,653
Education	1,553,748	5,330,989	6,323,352	10,472,166	7,587,178	9,148,876
General Government	153,967	165,124	204,832	208,933	218,032	218,032
Parks & Recreation	0	109,500	115,600	118,200	124,700	124,700
Public Safety	1,443,519	1,742,733	3,110,839	1,745,717	1,810,078	1,900,841
Railroad Crossings	0	400	19,421	43,599	43,599	43,599
Road Improvement	1,670,666	2,188,773	2,453,034	2,607,204	3,423,934	3,987,514
Solid Waste	1,299,816	1,630,550	1,595,827	1,361,722	1,348,159	1,393,411
Transit	0	0	3,200	3,200	3,200	3,200
Water Quality	1,274,848	1,974,682	2,333,448	2,798,670	2,566,124	2,546,660
Total	$ 7,555,059	$ 13,320,383	$ 16,523,514	$ 19,858,509	$ 17,491,330	$ 19,429,737

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

Description	*Fiscal Year*		
	2007 Actual	2008 Budget	2009 Budget
Revenue (By Major Type):			
Fees	10,097,085	9,822,000	6,957,700
Grants	17,108,256	14,941,927	26,322,90
Other	1,818,673	1,220,430	766,000
Bonds	15,023,897	19,949,437	16,626,900
Subtotal	44,044,911	45,933,794	50,673,500
Transfers	38,382,897	21,439,340	36,312,900
Capital Reserves			
Total Revenue	82,427,808	67,373,134	86,986,400
Expenditures (By Function):			
Education	15,066,685	39,626,064	17,345,400
Public Safety	4,919,167	3,863,170	9,696,000
Court System	1,39191	0	691,100
General Government	1,492,297	758,000	2,281,200
Parks and Recreation	282,531	983,000	119,100
Water Quality	2,011,559	4,929,640	23,666,700
Roads/Infrastructure	9,249,991	13,559,260	24,339,700
Solid Waste	4,690,525	3,409,000	6,554,200
Transit System	110,813	745,000	1,553,000
Airport	18,395,898	500,000	740,000
Golf Course	0	0	0
Subtotal	57,608,657	67,373,134	86,986,400
Transfers			
Total Expenditures	57,608,657	67,373,134	86,986,400
Increase (Decrease) in Fund Balance	24,819,151	0	0
GAAP Basis Adjustments	(2,133,842)		
Beginning Fund Balance/Net Equity	59,969,216	82,654,525	82,654,525
Ending Fund Balance/Net Equity	82,654,525	82,654,525	82,654,525

Detail Project List by Type

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Cash Requirements								
Airport								
Capital Equipment - Airport	1,438,000	0	40,000	625,300	0	0	772,700	0
Update Airport Master Plan	700,000	0	700,000	0	0	0	0	0
Fuel Farm Relocation and Upgrades	461,400	0	0	41,100	420,300	0	0	0
Terminal Parking Lot	581,500	0	0	581,500	0	0	0	0
Proposed Taxiway S	1,672,900	0	0	0	0	1,672,900	0	0
Land Acquisition	8,725,500	0	0	0	2,101,300	2,153,800	2,207,600	2,262,800
Airport Total	**13,579,300**	**0**	**740,000**	**1,247,900**	**2,521,600**	**3,826,700**	**2,980,300**	**2,262,800**
Bridges								
East Oak Ridge Drive Bridge W4001	1,385,000	1,089,000	296,000	0	0	0	0	0
Marble Quarry Road Bridge W6083	1,316,400	310,000	0	6,200	1,000,200	0	0	0
Hopewell Road Culvert 02/01	339,800	0	0	0	0	0	5,500	334,300
Spade Road Bridge 13/06	167,900	141,000	5,000	21,900	0	0	0	0
Stevenson Road Culvert 07/20	256,400	0	0	0	256,400	0	0	0
Coffman Farms Road W6371	938,000	138,000	0	0	6,300	793,700	0	0
Bridge Inspection & Inventory	172,300	0	0	20,500	0	129,200	0	22,600
Mills Road Culvert/Bridge W8001	1,009,375	163,375	846,000	0	0	0	0	0
Crystal Falls Drive Bridge 07/08	212,000	176,000	0	36,000	0	0	0	0
Crystal Falls Drive Bridge 07/09	189,300	176,000	0	13,300	0	0	0	0
Crystal Falls Road Culvert 18/05	151,900	91,000	0	60,900	0	0	0	0
Resley Road Culvert 05/12	279,000	0	279,000	0	0	0	0	0
Ernstville Road Bridge 15/05	293,000	0	293,000	0	0	0	0	0
Dogstreet Road Bridge W5932P	1,049,900	97,000	0	0	20,000	932,900	0	0
Old Forge Road Bridge W2382	1,359,100	0	0	136,300	5,300	1,217,500	0	0
Spur Road Culvert 07/16	235,200	0	0	10,300	224,900	0	0	0
Leitersburg Smithsburg Road Culvert 07/04	226,600	0	0	10,300	216,300	0	0	0
Burnside Bridge Road Culvert 01/02	310,100	0	0	310,100	0	0	0	0
Leiters Mill Road Bridge W2292	1,204,000	0	0	0	139,700	5,400	1,058,900	0
Garris Shop Road Bridge W4021	1,310,400	0	0	0	139,700	5,400	1,165,300	0
Stevenson Road Culvert 07/18	290,200	0	0	0	290,200	0	0	0
Old Roxbury Road Bridge W5372	799,177	1,977	0	0	68,300	728,900	0	0
Poffenberger Road Bridge W4011	722,300	0	0	0	0	113,100	609,200	0
Poffenberger Road Bridge W4012	1,414,500	0	0	0	0	148,600	1,265,900	0
Locust Grove Road Culvert 08/03	342,300	0	0	0	26,300	316,000	0	0
Beaver Creek Road Culvert 16/01	278,800	0	0	0	26,300	252,500	0	0
Hopewell Road Box Culvert 02/02	228,000	0	0	0	0	0	11,000	217,000
Mt. Lena Road Box Culvert 16/05	254,200	0	0	0	0	8,600	245,600	0
Trego Road Culvert 08/06	319,300	0	0	0	0	39,800	279,500	0
Benovola Newcomer Church Road Culvert 06/04	237,800	0	0	0	0	237,800	0	0
Bridges Total	**17,292,252**	**2,383,352**	**1,719,000**	**625,800**	**2,419,900**	**4,929,400**	**4,640,900**	**573,900**
Drainage								
Interstate Industrial Park Stormwater Management	832,900	0	0	0	832,900	0	0	0
Mt. Aetna Road Culvert	213,700	35,000	0	0	178,700	0	0	0
Charles Mill Road Culvert	131,300	0	0	0	0	131,300	0	0
Pennsylvania Ave. Culvert 400 Block, Hancock	225,800	0	0	0	0	225,800	0	0
Trego Road Culvert, 4000 Block	211,300	0	0	0	0	11,900	199,400	0
Preston Road Drainage	135,000	0	135,000	0	0	0	0	0
Drainage Total	**1,750,000**	**35,000**	**135,000**	**0**	**1,011,600**	**369,000**	**199,400**	**0**

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Education								
Board of Education:								
Systemic Projects at Various Sites	6,000,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
ADA Projects at Various Sites	600,000	0	100,000	100,000	100,000	100,000	100,000	100,000
Relocatable Classrooms at Various Sites	4,599,800	0	1,600,000	358,800	621,900	646,800	672,700	699,600
Eastern Primary (New School)	26,303,100	0	1,600,000	12,133,600	12,569,500	0	0	0
East City High (New School)	76,375,200	0	0	0	3,782,300	20,253,800	33,595,500	18,743,600
Bester Elementary (Replacement School)	17,073,500	0	0	0	0	0	1,931,700	15,141,800
Fountain Rock Elementary Cafeteria	1,528,000	400,000	1,128,000	0	0	0	0	0
Capital Maintenance - BOE	12,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Antietam Academy (Replacement Alternative School)	12,452,900	0	2,250,000	6,669,500	3,533,400	0	0	0
Board of Education Total	**156,932,500**	**400,000**	**9,678,000**	**22,261,900**	**23,607,100**	**24,000,600**	**39,299,900**	**37,685,000**
Hagerstown Community College:								
Arts and Sciences Complex	31,175,900	0	6,455,400	4,763,600	16,726,200	3,230,700	0	0
Campus Operations Building	3,604,400	0	0	0	0	3,604,400	0	0
College/Student Center & Bookstore Expansion	4,064,500	0	0	0	0	0	4,064,500	0
LRC Minor Renovations/Computer Commons	3,483,700	0	0	0	0	0	3,483,700	0
ARCC Roof and Bleachers	875,800	0	0	0	0	0	0	875,800
Additional Campus Entrance and Road Upgrade	2,720,100	0	0	0	0	0	0	2,720,100
ARCC AC Installation & HVAC Upgrade	1,086,400	0	0	0	0	0	0	1,086,400
Hagerstown Community College Total	**47,010,800**	**0**	**6,455,400**	**4,763,600**	**16,726,200**	**6,835,100**	**7,548,200**	**4,682,300**
Public Libraries:								
Renovation and Expansion of the Central Library	19,157,200	338,000	1,212,000	10,036,000	7,571,200	0	0	0
Public Libraries Total	**19,157,200**	**338,000**	**1,212,000**	**10,036,000**	**7,571,200**	**0**	**0**	**0**
Education Total	**223,100,500**	**738,000**	**17,345,400**	**37,061,500**	**47,904,500**	**30,835,700**	**46,848,100**	**42,367,300**
General Government								
Budget & Finance:								
Contingency - General Fund	9,308,200	0	1,200,000	1,332,500	1,470,900	1,615,300	1,766,100	1,923,400
Bond Issuance Costs	1,633,500	0	230,000	246,000	262,700	280,000	298,000	316,800
Oracle Platform Upgrade	1,723,700	0	250,000	410,000	525,300	538,400	0	0
Future Construction Project Reserve	2,452,800	0	5,819,700	1,079,900	5,382,000	3,868,700	(10,326,300)	(3,371,200)
Budget & Finance Total	**15,118,200**	**0**	**7,499,700**	**3,068,400**	**7,640,900**	**6,302,400**	**(8,262,200)**	**(1,131,000)**
Information Technology:								
Technology Development & Upgrades	243,700	0	0	25,600	52,500	53,800	55,200	56,600
County Wireless Infrastructure System	471,700	0	100,000	102,500	0	269,200	0	0
Information Technology Total	**715,400**	**0**	**100,000**	**128,100**	**52,500**	**323,000**	**55,200**	**56,600**
Outside Entities:								
Senior Community Center	2,345,900	0	0	0	859,100	1,486,800	0	0
Outside Entities Total	**2,345,900**	**0**	**0**	**0**	**859,100**	**1,486,800**	**0**	**0**
Highways:								
Fuel Center - S. Sect. Highway Maintenance Shop	490,000	0	226,200	263,800	0	0	0	0
Highways Total	**490,000**	**0**	**226,200**	**263,800**	**0**	**0**	**0**	**0**
Public Works Department:								
Renovate 80 W Baltimore Street Administrative Annex	275,000	0	275,000	0	0	0	0	0
Public Works Department Total	**275,000**	**0**	**275,000**	**0**	**0**	**0**	**0**	**0**
General Government Total	**18,944,500**	**0**	**8,100,900**	**3,460,300**	**8,552,500**	**8,112,200**	**(8,207,000)**	**(1,074,400)**

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Parks & Recreation								
Black Rock Golf Course:								
Black Rock Golf Course Pavilion	41,500	0	41,500	0	0	0	0	0
Black Rock Golf Course Total	**41,500**	**0**	**41,500**	**0**	**0**	**0**	**0**	**0**
Bldgs., Grounds & Parks:								
Devils Backbone Park Dam Repair	942,600	200,000	0	364,000	378,600	0	0	0
Tammany Park Development	32,400	0	0	0	32,400	0	0	0
M. L. Snook Park - Playground Equipment	57,200	0	0	57,200	0	0	0	0
North County Park Development #1	1,391,735	16,635	0	362,100	324,500	337,500	351,000	0
M. L. Snook Park - Softball Field Lighting	105,300	0	0	0	0	0	105,300	0
Doub's Woods Park - Overlay Parking Lot	57,800	0	0	57,800	0	0	0	0
Recreation Center	545,200	0	0	0	0	269,200	276,000	0
Clear Spring Little League - Lighting	70,300	0	0	0	70,300	0	0	0
Clear Spring Park - Biking/Walking Trail	35,100	0	0	0	0	0	35,100	0
Pen Mar Park - Paved Parking	28,100	0	0	0	0	28,100	0	0
MLS Park - Walking Trail	43,000	0	43,000	0	0	0	0	0
MLS Park - Rubberized Playground Mulch	25,000	0	25,000	0	0	0	0	0
Doubs Woods Art Pavilion Roof	9,600	0	9,600	0	0	0	0	0
Bldgs., Grounds & Parks Total	**3,343,335**	**216,635**	**77,600**	**841,100**	**805,800**	**634,800**	**767,400**	**0**
Parks & Recreation Total	**3,384,835**	**216,635**	**119,100**	**841,100**	**805,800**	**634,800**	**767,400**	**0**
Public Safety								
911 Communications:								
Public Safety CAD/Records Management System	1,895,930	778,830	1,117,100	0	0	0	0	0
Renovate Emergency Services Offices	1,882,820	1,682,820	200,000	0	0	0	0	0
911 Center Computer Equipment	702,200	0	702,200	0	0	0	0	0
911 Communications Total	**4,480,950**	**2,461,650**	**2,019,300**	**0**	**0**	**0**	**0**	**0**
Communication Maintenance								
Communications System Replacement	21,786,469	17,671,469	3,545,200	569,800	0	0	0	0
Communication Maintenance Total	**21,786,469**	**17,671,469**	**3,545,200**	**569,800**	**0**	**0**	**0**	**0**
Public Works Department								
Renovate State's Attorney's Office (3rd floor COB)	1,593,700	0	0	0	0	0	309,100	1,284,600
Public Works Department Total	**1,593,700**	**0**	**0**	**0**	**0**	**0**	**309,100**	**1,284,600**
Sheriff:								
Detention:								
Central Booking Facility	3,874,070	1,163,570	2,710,500	0	0	0	0	0
Phase 1A - Emergency Housing Unit	2,689,200	0	1,421,000	1,268,200	0	0	0	0
Detention Total	**6,563,270**	**1,163,570**	**4,131,500**	**1,268,200**	**0**	**0**	**0**	**0**
Judicial:								
Circuit Courthouse Security Improvements	921,890	230,790	691,100	0	0	0	0	0
Judicial Total	**921,890**	**230,790**	**691,100**	**0**	**0**	**0**	**0**	**0**
Sheriff Total	**7,485,160**	**1,394,360**	**4,822,600**	**1,268,200**	**0**	**0**	**0**	**0**
Public Safety Total	**35,346,279**	**21,527,479**	**10,387,100**	**1,838,000**	**0**	**0**	**309,100**	**1,284,600**
Railroad Crossings								
Trovinger Mill Road	297,500	45,000	0	5,100	247,400	0	0	0
Little Antietam Road	277,000	0	0	0	42,000	235,000	0	0
Mondell Road	314,200	0	0	0	66,200	248,000	0	0
Taylors Landing Road	387,200	0	0	0	15,800	371,400	0	0
Railroad Crossings Total	**1,275,900**	**45,000**	**0**	**5,100**	**371,400**	**854,400**	**0**	**0**

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Road Improvement								
Pavement Maintenance and Rehabilitation Program	30,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Robinwood Corridor II	6,851,300	1,245,000	3,031,000	2,575,300	0	0	0	0
Robinwood North	1,782,873	692,073	0	0	262,700	269,200	276,000	282,900
Halfway & Massey Boulevards Intersection	6,239,660	2,840,660	3,399,000	0	0	0	0	0
Marsh Pike/Longmeadow Road Intersection	2,791,000	610,000	1,765,000	416,000	0	0	0	0
Edgewood Drive @ US Route 40	7,150,198	6,522,198	628,000	0	0	0	0	0
Longmeadow Road	3,348,700	40,000	0	0	0	236,900	1,345,500	1,726,300
Eastern Boulevard Extended	3,042,750	110,250	0	154,800	1,827,900	949,800	0	0
Hebb Road & US Route 40 Improvements	849,500	0	0	0	0	323,100	526,400	0
Maugans Avenue II	4,981,600	0	0	0	0	0	1,374,300	3,607,300
US 40 and Mt. Aetna Road Intersection	1,993,000	1,594,000	399,000	0	0	0	0	0
Shawley Drive	2,178,300	0	0	0	0	0	2,178,300	0
Southern Boulevard I	6,114,400	0	1,429,000	4,685,400	0	0	0	0
Burnside Bridge Road Stream Bank Stabilization	440,000	0	440,000	0	0	0	0	0
Broadfording Road Spot Improvements (GG Blvd to MD 63)	2,609,100	0	0	0	0	0	1,842,900	766,200
E. Oak Ridge Drive/South Pointe Signal	330,300	0	0	0	330,300	0	0	0
Full Depth Reclamation of Various Roads	1,078,300	0	0	0	1,078,300	0	0	0
Eastern Boulevard Widening Phase I	6,487,900	0	575,000	896,900	2,886,100	2,129,900	0	0
Eastern Blvd Widening Phase II	14,266,400	0	0	0	1,155,700	3,177,900	6,342,400	3,590,400
Road Improvement Total	**102,535,281**	**13,654,181**	**16,666,000**	**13,728,400**	**12,541,000**	**12,086,800**	**18,885,800**	**14,973,100**
Solid Waste								
Contingency - Solid Waste	344,600	0	30,000	41,000	52,500	64,600	77,300	79,200
C&D Staging Area	217,000	15,000	202,000	0	0	0	0	0
Weigh Scale Relocation	956,000	50,000	906,000	0	0	0	0	0
Cell #7	8,356,100	0	250,000	4,782,500	3,323,600	0	0	0
Leachate Pump Station and Force Main	1,373,900	200,000	0	0	399,600	774,300	0	0
Close Out Cap - Phase 2 - Resh	10,671,700	5,271,000	4,515,200	885,500	0	0	0	0
Close Out Cap - Rubble Fill	1,861,500	63,000	0	18,500	1,780,000	0	0	0
Cells 5, 6 & 7 Spring Control	575,000	0	575,000	0	0	0	0	0
Cell 5	5,223,200	0	0	0	0	0	220,800	5,002,400
Feasibility Study of County wide Solid Waste Management	76,000	0	76,000	0	0	0	0	0
Solid Waste Total	**29,655,000**	**5,599,000**	**6,554,200**	**5,727,500**	**5,555,700**	**838,900**	**298,100**	**5,081,600**
Transit								
Capital Maintenance Items - Transit	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Transit Buses	1,030,400	0	400,000	0	630,400	0	0	0
Shop Equipment/Tools	78,900	0	25,000	10,300	10,500	10,800	11,000	11,300
Farebox Repairs & Upgrade	15,800	0	5,000	0	5,300	0	5,500	0
Small/Mid-size Buses	206,800	0	0	133,300	0	0	0	73,500
Facility Maintenance	58,000	0	58,000	0	0	0	0	0
Transit System Bus Shelters	40,000	0	40,000	0	0	0	0	0
Transit Bus Transfer Center	3,072,200	0	1,000,000	179,400	1,892,800	0	0	0
Transit Total	**4,661,800**	**0**	**1,553,000**	**348,600**	**2,565,300**	**37,700**	**44,100**	**113,100**

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Project	Total	Prior Appr.	Budget Year FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
				Five Year Capital Program				
Water Quality								
Contingency - Utility Admin	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Vehicle/Equipment Building - Water & Sewer Maintenance	325,000	75,000	250,000	0	0	0	0	0
Atomic Absorption Analyzer Upgrade	120,000	0	120,000	0	0	0	0	0
Auto Analyzer for Nutrients	84,100	0	0	0	84,100	0	0	0
General Building Improvements	117,000	0	0	0	0	0	117,000	0
Conococheague Complex - Storage Building Improvements	108,200	0	0	0	108,200	0	0	0
Utility Administration Total	**914,000**	**75,000**	**395,000**	**25,600**	**218,600**	**26,900**	**144,600**	**28,300**
Wastewater Utility								
Contingency - Sewer	319,400	0	50,000	51,300	52,500	53,800	55,200	56,600
Smithsburg Wastewater Treatment Plant - Facility	15,980,830	580,630	0	4,581,600	10,818,600	0	0	0
Upgrade PO No. 1	355,000	290,000	65,000	0	0	0	0	0
Pump Station Upgrades - Various Stations	597,300	150,000	100,000	104,000	0	0	0	243,300
Conococheague Wastewater Treatment Plant - ENR	33,703,610	3,524,010	21,737,000	8,442,600	0	0	0	0
Winebrenner Wastewater Treatment Plant Upgrade	18,237,800	232,000	259,700	0	1,364,800	11,980,500	4,400,800	0
Replace PO 2 Pump Station	1,248,000	0	0	1,248,000	0	0	0	0
Potomac Edison Pump Station and Force Main Relocation	1,456,000	0	0	1,456,000	0	0	0	0
Antietam Wastewater Treatment Plant - Facility	678,300	70,000	0	0	0	0	0	608,300
I&I Rehabilitation Project	408,000	0	200,000	208,000	0	0	0	0
College Road Pump Station Upgrade	430,000	130,000	300,000	0	0	0	0	0
Keedysville-Knolls Pump Station Upgrade	385,000	150,000	235,000	0	0	0	0	0
Wastewater Utility Total	**73,799,240**	**5,126,640**	**22,946,700**	**16,091,500**	**12,235,900**	**12,034,300**	**4,456,000**	**908,200**
Water Utility								
Contingency - Water	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Highfield Water System	296,900	100,000	0	0	0	196,900	0	0
Mt. Aetna Water System - Upgrade and Replace Equipment	392,400	0	200,000	192,400	0	0	0	0
Elk Ridge Water Distribution Line Improvements	100,000	0	100,000	0	0	0	0	0
WQ Distribution System Water Main and Meter	450,900	0	0	104,000	108,200	0	117,000	121,700
Sandy Hook Water Treatment Plant-Upgrade/Replace	104,000	0	0	104,000	0	0	0	0
General Water Treatment Plant Improvements	229,600	0	0	0	54,100	56,200	58,500	60,800
Water Utility Total	**1,733,500**	**100,000**	**325,000**	**426,000**	**188,600**	**280,000**	**203,100**	**210,800**
Water Quality Total	**76,446,740**	**5,301,640**	**23,666,700**	**16,543,100**	**12,643,100**	**12,341,200**	**4,803,700**	**1,147,300**
TOTAL	**527,972,387**	**49,500,287**	**86,986,400**	**81,427,300**	**96,892,400**	**74,866,800**	**71,569,900**	**66,729,300**
Funding Source - All Projects								
General Fund	153,610,411	17,504,711	22,605,700	22,700,000	22,700,000	22,700,000	22,700,000	22,700,000
Solid Waste Fund	1,699,100	265,000	343,000	41,000	452,100	441,500	77,300	79,200
Utility Admin Fund	538,800	75,000	245,000	25,600	110,400	26,900	27,600	28,300
Water Fund	1,237,900	100,000	110,000	369,000	183,900	194,200	82,800	198,000
Sewer Fund	3,310,410	1,195,210	612,700	730,000	606,900	53,800	55,200	56,600
Transit Fund	193,000	0	100,000	18,000	75,000	0	0	0
Tax Supported Bond	102,263,314	11,989,514	12,000,000	16,000,000	16,000,000	16,000,000	16,000,000	14,273,800
Self Supported Bond	38,007,270	561,670	4,626,900	9,064,700	10,175,200	5,845,800	2,169,100	5,563,900
State Loan	1,017,671	1,017,671	0	0	0	0	0	0
Transfer Tax	17,523,020	1,923,020	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
Excise Tax - Schools	20,087,000	0	2,350,300	2,665,400	2,980,300	3,610,300	4,240,300	4,240,400
Excise Tax - Roads	7,924,800	1,325,000	772,300	875,300	979,300	1,186,300	1,393,300	1,393,300
Excise Tax - Other	1,848,819	413,319	168,000	190,900	212,900	257,900	302,900	302,900
Excise Tax - Library	542,650	314,250	67,100	76,200	85,100	0	0	0
Excise Tax - Non-Residential	6,250,000	250,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Unrestricted Excise Tax	1,142,300	1,142,300	0	0	0	0	0	0
Capital Reserve	12,316,500	0	12,296,500	3,600	4,300	3,800	4,300	4,000
Federal Grant	26,969,860	4,016,260	2,182,200	1,578,700	5,548,900	5,424,800	5,978,700	2,240,300
State Grant	123,179,632	5,236,932	24,140,700	20,279,900	31,732,600	15,021,500	14,719,400	12,048,600
Contributions	8,309,930	2,170,430	766,000	3,209,000	1,445,500	500,000	219,000	0
TOTAL	**527,972,387**	**49,500,287**	**86,986,400**	**81,427,300**	**96,892,400**	**74,866,800**	**71,569,900**	**66,729,300**

Airport

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Airport								
38	Capital Equipment - Airport	1,438,000	0	40,000	625,300	0	0	772,700	0
39	Update Airport Master Plan	700,000	0	700,000	0	0	0	0	0
40	Fuel Farm Relocation and Upgrades	461,400	0	0	41,100	420,300	0	0	0
41	Terminal Parking Lot	581,500	0	0	581,500	0	0	0	0
42	Proposed Taxiway S	1,672,900	0	0	0	0	1,672,900	0	0
43	Land Acquisition	8,725,500	0	0	0	2,101,300	2,153,800	2,207,600	2,262,800
	Airport Total	**13,579,300**	**0**	**740,000**	**1,247,900**	**2,521,600**	**3,826,700**	**2,980,300**	**2,262,800**
	Funding Source - All Projects								
	General Fund	338,100	0	18,500	31,400	63,400	95,700	72,500	56,600
	Federal Grant	12,901,800	0	703,000	1,185,400	2,395,200	3,635,400	2,833,200	2,149,600
	State Grant	339,400	0	18,500	31,100	63,000	95,600	74,600	56,600
	Airport Total	**13,579,300**	**0**	**740,000**	**1,247,900**	**2,521,600**	**3,826,700**	**2,980,300**	**2,262,800**

Project Title and Location: Capital Equipment - Airport

Project Number: 139

Account Number: 35 45010 EQP031

Description:

2009 - Wildlife Management Control Vehicle to control wildlife population on the airfield.
2010 - Replace existing Rapid Intervention Vehicle (SU35) with modern state of the art equipment, and replacement of snow removal equipment (pickup trucks- Airport 1 and Airport 2). Additional wildlife management control equipment (Turf Maintenance Equipment).
2013 - Replacement of Airport Crash Truck-Airport 14. Replacement equipment has reached the end of its useful life.

Assumption:

95% Federal Funding
2.5% State Funding
2.5% Local Funding

Justification:

Snow removal equipment will be replaced in accordance with the Airport's FAA approved Snow and Ice Control Plan. Purchase of wildlife management control equipment is in accordance with the Airport's FAA approved Wildlife Management Plan.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Equipment/Furniture	1,438,000	0	40,000	625,300	0	0	772,700	0
Total Cost	**1,438,000**	**0**	**40,000**	**625,300**	**0**	**0**	**772,700**	**0**

Funding Schedule:

Federal Grant	1,368,000	0	38,000	594,000	0	0	736,000	0
General Fund	34,000	0	1,000	15,700	0	0	17,300	0
State Grant	36,000	0	1,000	15,600	0	0	19,400	0
Total Funding	**1,438,000**	**0**	**40,000**	**625,300**	**0**	**0**	**772,700**	**0**

Project Title and Location:	**Project Number:** 140
Update Airport Master Plan	
Account Number: **35 45010 STY014**	

Description:

The Airport's 20 year old Master Plan will be updated.

Assumption:

95% Federal Funding
2.5% State Funding
2.5% Local Funding

Justification:

The projects in the Airport's Master Plan will substantially be complete by 2008. The update, once approved by the FAA, will set the Airport's developmental direction for infrastructure and FAR Part 139 compliance. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Engineering/Design	700,000	0	700,000	0	0	0	0	0
Total Cost	**700,000**	**0**	**700,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	665,000	0	665,000	0	0	0	0	0
General Fund	17,500	0	17,500	0	0	0	0	0
State Grant	17,500	0	17,500	0	0	0	0	0
Total Funding	**700,000**	**0**	**700,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 141
Fuel Farm Relocation and Upgrades	
Account Number:	

Description:

Fuel Farm study and relocation.

Assumption:

95% Federal Funding
2.5% State Funding
2.5% Local Funding

Justification:

The existing fuel farm is in close proximity to Runway 20 and should be relocated and upgraded. A study will be conducted and a plan completed for relocation of the Fuel Farm. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	5,200	0	0	5,200	0	0	0	0
Engineering/Design	2,100	0	0	2,100	0	0	0	0
Equipment/Furniture	454,100	0	0	33,800	420,300	0	0	0
Total Cost	**461,400**	**0**	**0**	**41,100**	**420,300**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	438,000	0	0	39,000	399,000	0	0	0
General Fund	11,900	0	0	1,100	10,800	0	0	0
State Grant	11,500	0	0	1,000	10,500	0	0	0
Total Funding	**461,400**	**0**	**0**	**41,100**	**420,300**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 142
Terminal Parking Lot	

Account Number:

Description:

Airport terminal parking lot extension.

Assumption:

Justification:

The terminal lot, which contains 400 spaces, is expected to be insufficient by 2010. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	520,000	0	0	520,000	0	0	0	0
Engineering/Design	61,500	0	0	61,500	0	0	0	0
Total Cost	**581,500**	**0**	**0**	**581,500**	**0**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	552,400	0	0	552,400	0	0	0	0
General Fund	14,600	0	0	14,600	0	0	0	0
State Grant	14,500	0	0	14,500	0	0	0	0
Total Funding	**581,500**	**0**	**0**	**581,500**	**0**	**0**	**0**	**0**

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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	5,000	5,200	0
Gross Operating Cost			0	0	0	5,000	5,200	0
Net Operating Cost			**0**	**0**	**0**	**5,000**	**5,200**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,349,800	0	0	0	0	1,349,800	0	0
Engineering/Design	323,100	0	0	0	0	323,100	0	0
Total Cost	**1,672,900**	**0**	**0**	**0**	**0**	**1,672,900**	**0**	**0**

Funding Schedule:

Federal Grant	1,589,300	0	0	0	0	1,589,300	0	0
General Fund	41,800	0	0	0	0	41,800	0	0
State Grant	41,800	0	0	0	0	41,800	0	0
Total Funding	**1,672,900**	**0**	**0**	**0**	**0**	**1,672,900**	**0**	**0**

Project Title and Location:	**Project Number:** 930
Land Acquisition	

Account Number:

Description:

Land acquisition to promote future economic development of the Airport.

Assumption:

Justification:

The new Airport Master 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Land Acquisition	8,725,500	0	0	0	2,101,300	2,153,800	2,207,600	2,262,800
Total Cost	**8,725,500**	**0**	**0**	**0**	**2,101,300**	**2,153,800**	**2,207,600**	**2,262,800**

Funding Schedule:

Federal Grant	8,289,100	0	0	0	1,996,200	2,046,100	2,097,200	2,149,600
General Fund	218,300	0	0	0	52,600	53,900	55,200	56,600
State Grant	218,100	0	0	0	52,500	53,800	55,200	56,600
Total Funding	**8,725,500**	**0**	**0**	**0**	**2,101,300**	**2,153,800**	**2,207,600**	**2,262,800**

Bridges

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Bridges								
45	East Oak Ridge Drive Bridge W4001	1,385,000	1,089,000	296,000	0	0	0	0	0
46	Marble Quarry Road Bridge W6083	1,316,400	310,000	0	6,200	1,000,200	0	0	0
47	Hopewell Road Culvert 02/01	339,800	0	0	0	0	0	5,500	334,300
48	Spade Road Bridge 13/06	167,900	141,000	5,000	21,900	0	0	0	0
49	Stevenson Road Culvert 07/20	256,400	0	0	0	256,400	0	0	0
50	Coffman Farms Road W6371	938,000	138,000	0	0	6,300	793,700	0	0
51	Bridge Inspection & Inventory	172,300	0	0	20,500	0	129,200	0	22,600
52	Mills Road Culvert/Bridge W8001	1,009,375	163,375	846,000	0	0	0	0	0
53	Crystal Falls Drive Bridge 07/08	212,000	176,000	0	36,000	0	0	0	0
54	Crystal Falls Drive Bridge 07/09	189,300	176,000	0	13,300	0	0	0	0
55	Crystal Falls Road Culvert 18/05	151,900	91,000	0	60,900	0	0	0	0
56	Resley Road Culvert 05/12	279,000	0	279,000	0	0	0	0	0
57	Ernstville Road Bridge 15/05	293,000	0	293,000	0	0	0	0	0
58	Dogstreet Road Bridge W5932P	1,049,900	97,000	0	0	20,000	932,900	0	0
59	Old Forge Road Bridge W2382	1,359,100	0	0	136,300	5,300	1,217,500	0	0
60	Spur Road Culvert 07/16	235,200	0	0	10,300	224,900	0	0	0
61	Leitersburg Smithsburg Road Culvert 07/04	226,600	0	0	10,300	216,300	0	0	0
62	Burnside Bridge Road Culvert 01/02	310,100	0	0	310,100	0	0	0	0
63	Leiters Mill Road Bridge W2292	1,204,000	0	0	0	139,700	5,400	1,058,900	0
64	Garris Shop Road Bridge W4021	1,310,400	0	0	0	139,700	5,400	1,165,300	0
65	Stevenson Road Culvert 07/18	290,200	0	0	0	290,200	0	0	0
66	Old Roxbury Road Bridge W5372	799,177	1,977	0	0	68,300	728,900	0	0
67	Poffenberger Road Bridge W4011	722,300	0	0	0	0	113,100	609,200	0
68	Poffenberger Road Bridge W4012	1,414,500	0	0	0	0	148,600	1,265,900	0
69	Locust Grove Road Culvert 08/03	342,300	0	0	0	26,300	316,000	0	0
70	Beaver Creek Road Culvert 16/01	278,800	0	0	0	26,300	252,500	0	0
71	Hopewell Road Box Culvert 02/02	228,000	0	0	0	0	0	11,000	217,000
72	Mt. Lena Road Box Culvert 16/05	254,200	0	0	0	0	8,600	245,600	0
73	Trego Road Culvert 08/06	319,300	0	0	0	0	39,800	279,500	0
74	Benovola Newcomer Church Road Culvert 06/04	237,800	0	0	0	0	237,800	0	0
	Bridges Total	**17,292,252**	**2,383,352**	**1,719,000**	**625,800**	**2,419,900**	**4,929,400**	**4,640,900**	**573,900**
	Funding Source - All Projects								
	General Fund	2,674,250	1,125,250	572,000	31,900	341,800	176,500	426,800	0
	Tax Supported Bond	7,083,402	45,502	910,200	479,800	976,500	2,993,600	1,103,900	573,900
	Transfer Tax	12,000	12,000	0	0	0	0	0	0
	Federal Grant	7,522,600	1,200,600	236,800	114,100	1,101,600	1,759,300	3,110,200	0
	Bridges Total	**17,292,252**	**2,383,352**	**1,719,000**	**625,800**	**2,419,900**	**4,929,400**	**4,640,900**	**573,900**

Project Title and Location: **Project Number:** **32**

East Oak Ridge Drive Bridge W4001

Account Number: **30 11610 BRG046**

Description:

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.

Assumption:

Project is proposed as a Federal Aid project with 80/20 cost share. Budgets shown herein include a temporary bridge during the construction phase of the project. Both the design and construction of the temporary bridge is assumed a Federal Aid eligible expense.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			4,647	0	0	0	0	0
Gross Operating Cost			4,647	0	0	0	0	0
Net Operating Cost			**4,647**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,150,000	872,000	278,000	0	0	0	0	0
Engineering/Design	133,000	133,000	0	0	0	0	0	0
Inspection	97,000	79,000	18,000	0	0	0	0	0
Land Acquisition	5,000	5,000	0	0	0	0	0	0
Total Cost	**1,385,000**	**1,089,000**	**296,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	1,072,000	835,200	236,800	0	0	0	0	0
General Fund	253,800	253,800	0	0	0	0	0	0
Tax Supported Bond	59,200	0	59,200	0	0	0	0	0
Total Funding	**1,385,000**	**1,089,000**	**296,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 33**

Marble Quarry Road Bridge W6083

Account Number: **30 11610 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.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	9,985	0	0	0
Gross Operating Cost			0	0	9,985	0	0	0
Net Operating Cost			**0**	**0**	**9,985**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	881,500	0	0	0	881,500	0	0	0
Engineering/Design	290,000	290,000	0	0	0	0	0	0
Inspection	118,700	0	0	0	118,700	0	0	0
Land Acquisition	20,000	20,000	0	0	0	0	0	0
Utilities	6,200	0	0	6,200	0	0	0	0
Total Cost	**1,316,400**	**310,000**	**0**	**6,200**	**1,000,200**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	1,133,100	255,000	0	5,100	873,000	0	0	0
General Fund	54,100	53,000	0	1,100	0	0	0	0
Tax Supported Bond	129,200	2,000	0	0	127,200	0	0	0
Total Funding	**1,316,400**	**310,000**	**0**	**6,200**	**1,000,200**	**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 Hopewell Road Culvert 02/02 provided that project is not done in advance by a developer as part of their APFO obligations.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	26,243
Gross Operating Cost			0	0	0	0	0	26,243
Net Operating Cost			**0**	**0**	**0**	**0**	**0**	**26,243**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	233,600	0	0	0	0	0	0	233,600
Inspection	100,700	0	0	0	0	0	0	100,700
Land Acquisition	5,500	0	0	0	0	0	5,500	0
Total Cost	**339,800**	**0**	**0**	**0**	**0**	**0**	**5,500**	**334,300**

Funding Schedule:

General Fund	5,500	0	0	0	0	0	5,500	0
Tax Supported Bond	334,300	0	0	0	0	0	0	334,300
Total Funding	**339,800**	**0**	**0**	**0**	**0**	**0**	**5,500**	**334,300**

Project Title and Location: **Project Number: 37**

Spade Road Bridge 13/06

Account Number: 30 11610 BRG050

Description:

This bridge is located in the 16000 Block of Spade Road (ADC Map 8, Grid K-11). Replace badly damaged upstream wingwall on the existing steel stringer bridge. This structure underwent significant repairs in 1996 but was severely damaged by the June 2006 floods. The type of wing wall to be used is still unknown at this time.

Assumption:

County forces made some repairs to the most heavily damaged downstream wingwall. This project is proposed to have contract forces make extensive repairs to the upstream wingwall.

Justification:

The wing wall is required to protect the structure and road approach from washing away during periods of high stream flows. Failure to make the necessary repair will force the closing of the road.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			393	1,719	0	0	0	0
Gross Operating Cost			393	1,719	0	0	0	0
Net Operating Cost			**393**	**1,719**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	135,800	116,000	0	19,800	0	0	0	0
Inspection	22,100	20,000	0	2,100	0	0	0	0
Land Acquisition	5,000	5,000	0	0	0	0	0	0
Utilities	5,000	0	5,000	0	0	0	0	0
Total Cost	**167,900**	**141,000**	**5,000**	**21,900**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	141,000	141,000	0	0	0	0	0	0
Tax Supported Bond	26,900	0	5,000	21,900	0	0	0	0
Total Funding	**167,900**	**141,000**	**5,000**	**21,900**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 38**

Stevenson Road Culvert 07/20

Account Number:

Description:

This culvert is in the 22700 Block of Stevenson Road. The work entails replacing the concrete slab bridge with precast concrete box culvert. Traffic barrier and safety upgrades will be included in the project.

Assumption:

This project will be done in conjunction with Stevenson Road Culvert 07/18.

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 and deterioration, no reasonable long term repair can be performed.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	20,127	0	0	0
Gross Operating Cost			0	0	20,127	0	0	0
Net Operating Cost			**0**	**0**	**20,127**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	217,400	0	0	0	217,400	0	0	0
Inspection	30,500	0	0	0	30,500	0	0	0
Land Acquisition	5,300	0	0	0	5,300	0	0	0
Utilities	3,200	0	0	0	3,200	0	0	0
Total Cost	**256,400**	**0**	**0**	**0**	**256,400**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	256,400	0	0	0	256,400	0	0	0
Total Funding	**256,400**	**0**	**0**	**0**	**256,400**	**0**	**0**	**0**

Project Title and Location: **Project Number:** **39**

Coffman Farms Road W6371

Account Number: **30 11610 BRG048**

Description:

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.

Assumption:

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.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	102	14,420	0	0
Gross Operating Cost			0	0	102	14,420	0	0
Net Operating Cost			**0**	**0**	**102**	**14,420**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	731,200	0	0	0	0	731,200	0	0
Engineering/Design	133,000	133,000	0	0	0	0	0	0
Inspection	62,500	0	0	0	0	62,500	0	0
Land Acquisition	5,000	5,000	0	0	0	0	0	0
Utilities	6,300	0	0	0	6,300	0	0	0
Total Cost	**938,000**	**138,000**	**0**	**0**	**6,300**	**793,700**	**0**	**0**

Funding Schedule:

Federal Grant	725,400	110,400	0	0	5,000	610,000	0	0
General Fund	27,600	27,600	0	0	0	0	0	0
Tax Supported Bond	185,000	0	0	0	1,300	183,700	0	0
Total Funding	**938,000**	**138,000**	**0**	**0**	**6,300**	**793,700**	**0**	**0**

Project Title and Location: **Project Number: 40**

Bridge Inspection & Inventory

Account Number: **30 11610 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	589	0	1,774
Gross Operating Cost			0	0	0	589	0	1,774
Net Operating Cost			**0**	**0**	**0**	**589**	**0**	**1,774**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Engineering/Design	172,300	0	0	20,500	0	129,200	0	22,600
Total Cost	**172,300**	**0**	**0**	**20,500**	**0**	**129,200**	**0**	**22,600**

Funding Schedule:

General Fund	142,200	0	0	20,500	0	121,700	0	0
Tax Supported Bond	30,100	0	0	0	0	7,500	0	22,600
Total Funding	**172,300**	**0**	**0**	**20,500**	**0**	**129,200**	**0**	**22,600**

Project Title and Location: **Project Number: 41**
Mills Road Culvert/Bridge W8001

Account Number: **30 11610 BRG022**

Description:

This bridge is located in the 4100 Block of Mills Road (ADC Map 34, Grid D-5). The work entails replacement of temporary corrugated metal pipe culverts with permanent precast concrete bridge, traffic barrier and safety improvements

Assumption:

Justification:

Current culverts were put in place under an MDE permit recognizing them as temporary. Proposed bridge will become the permanent structure and will reduce the flooding in the area. Current detour required due to routine flooding is significant and a hardship on the residents in the area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			66,411	0	0	0	0	0
Gross Operating Cost			66,411	0	0	0	0	0
Net Operating Cost			**66,411**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	785,502	38,502	747,000	0	0	0	0	0
Engineering/Design	75,873	75,873	0	0	0	0	0	0
Inspection	96,000	0	96,000	0	0	0	0	0
Land Acquisition	49,000	49,000	0	0	0	0	0	0
Utilities	3,000	0	3,000	0	0	0	0	0
Total Cost	**1,009,375**	**163,375**	**846,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	107,873	107,873	0	0	0	0	0	0
Tax Supported Bond	889,502	43,502	846,000	0	0	0	0	0
Transfer Tax	12,000	12,000	0	0	0	0	0	0
Total Funding	**1,009,375**	**163,375**	**846,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 42
Crystal Falls Drive Bridge 07/08	
Account Number: 30 11610 BRG032	

Description:

This bridge is located in the 11400 Block of Crystal Falls Drive (ADC Map 23, Grid D-8). Repair rusted corrugated metal pipe invert, replace headwalls and install proper traffic barriers.

Assumption:

Project to be done in conjunction with Crystal Falls Road culverts 07/09 and 18/05.

Justification:

Needed to extend the useful life of the structure in a cost effective manner and improve vehicle safety. Failure to repair the structure in a timely manner will result in the need for a complete replacement at a much greater cost.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	2,826	0	0	0	0
Gross Operating Cost			0	2,826	0	0	0	0
Net Operating Cost			**0**	**2,826**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	181,400	170,000	0	11,400	0	0	0	0
Inspection	24,600	0	0	24,600	0	0	0	0
Land Acquisition	6,000	6,000	0	0	0	0	0	0
Total Cost	**212,000**	**176,000**	**0**	**36,000**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	176,000	176,000	0	0	0	0	0	0
Tax Supported Bond	36,000	0	0	36,000	0	0	0	0
Total Funding	**212,000**	**176,000**	**0**	**36,000**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 43**

Crystal Falls Drive Bridge 07/09

Account Number: **30 11610 BRG033**

Description:

This project is located in the 11200 Block of Crystal Falls Drive, near Pondsville Road (ADC Map 23, Grid D-9). Repair rusted corrugated metal pipe invert, provide bank stabilization and install traffic barriers.

Assumption:

Project to be done in conjunction with Crystals Falls Road culverts 07/08 and 18/05.

Justification:

Needed to extend the useful life of this structure in a cost effective manner and improve vehicle safety. Failure to address this structure at this time will most likely result in the need for a complete replacement at a much greater cost.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	1,044	0	0	0	0
Gross Operating Cost			0	1,044	0	0	0	0
Net Operating Cost			**0**	**1,044**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	166,000	166,000	0	0	0	0	0	0
Inspection	13,300	0	0	13,300	0	0	0	0
Land Acquisition	10,000	10,000	0	0	0	0	0	0
Total Cost	**189,300**	**176,000**	**0**	**13,300**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	176,000	176,000	0	0	0	0	0	0
Tax Supported Bond	13,300	0	0	13,300	0	0	0	0
Total Funding	**189,300**	**176,000**	**0**	**13,300**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 45**

Crystal Falls Road Culvert 18/05

Account Number: 30 11610 BRG052

Description:

This project is located in the 11000 Block of Crsytal Falls Drive near Jugtown Road. (ADC Map 23, Grid C-10) Replace existing corrugated metal pipe culverts with concrete pipe culverts, construct two new headwalls and install appropriate traffic barrier.

Assumption:

Project to be done in conjunction with Crystal Falls Road culverts 07/08 and 07/09.

Justification:

Needed to replace structure that is near the end of its useful life and improve safety at the structure. Due to structure type and size, no long term repair options exist.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	4,781	0	0	0	0
Gross Operating Cost			0	4,781	0	0	0	0
Net Operating Cost			**0**	**4,781**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	112,000	86,000	0	26,000	0	0	0	0
Inspection	24,600	0	0	24,600	0	0	0	0
Land Acquisition	5,000	5,000	0	0	0	0	0	0
Utilities	10,300	0	0	10,300	0	0	0	0
Total Cost	**151,900**	**91,000**	**0**	**60,900**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	91,000	91,000	0	0	0	0	0	0
Tax Supported Bond	60,900	0	0	60,900	0	0	0	0
Total Funding	**151,900**	**91,000**	**0**	**60,900**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**46**
Resley Road Culvert 05/12		
Account Number:	**30 11620 BRG053**	

Description:

This project is located in the 3500 Block of Resley Road (ADC Map 2, Grid D-4). Replace the existing steel stringer structure with precast concrete box culvert due to significant deterioration and low load carrying capacity.

Assumption:

Project to be done in conjunction with Ernstville Road culvert 15/05.

Justification:

Needed to replace structure that is near the end of its useful life. Due to the type of the structure, no practical long term repair options exist.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	226,000	0	226,000	0	0	0	0	0
Inspection	36,000	0	36,000	0	0	0	0	0
Land Acquisition	11,000	0	11,000	0	0	0	0	0
Utilities	6,000	0	6,000	0	0	0	0	0
Total Cost	**279,000**	**0**	**279,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	279,000	0	279,000	0	0	0	0	0
Total Funding	**279,000**	**0**	**279,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 47**

Ernstville Road Bridge 15/05

Account Number: 30 11620 BRG054

Description:

This project is located in the 11200 Block of Ernstville Road (ADC Map 16, Grid J-7). Replace existing concrete structure with a precast concrete box culvert. Upgraded traffic barrier will be added as well to improve vehicle safety.

Assumption:

Project to be done in conjunction with Resley Road culvert 05/12.

Justification:

Needed to replace structure nearing the end of its useful life. Due to the type of structure, there is no practical long term repair strategy available.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	235,000	0	235,000	0	0	0	0	0
Inspection	36,000	0	36,000	0	0	0	0	0
Land Acquisition	10,000	0	10,000	0	0	0	0	0
Utilities	12,000	0	12,000	0	0	0	0	0
Total Cost	**293,000**	**0**	**293,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	293,000	0	293,000	0	0	0	0	0
Total Funding	**293,000**	**0**	**293,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**48**
Dogstreet Road Bridge W5932P		
Account Number:	**30 11610 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.

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. Director of the Department of Public Works has committed to evaluating this alternative.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			**FY 2009**	**FY 2010**	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	73,233	0	0
Gross Operating Cost			0	0	0	73,233	0	0
Net Operating Cost			**0**	**0**	**0**	**73,233**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	**Six Year Cost**	**Prior Budget**	**Budget Yr FY 2009**	**Five Year Capital Program**				
				FY 2010	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Construction	840,300	0	0	0	0	840,300	0	0
Engineering/Design	85,000	85,000	0	0	0	0	0	0
Inspection	92,600	0	0	0	0	92,600	0	0
Land Acquisition	32,000	12,000	0	0	20,000	0	0	0
Total Cost	**1,049,900**	**97,000**	**0**	**0**	**20,000**	**932,900**	**0**	**0**

Funding Schedule:

General Fund	117,000	97,000	0	0	20,000	0	0	0
Tax Supported Bond	932,900	0	0	0	0	932,900	0	0
Total Funding	**1,049,900**	**97,000**	**0**	**0**	**20,000**	**932,900**	**0**	**0**

Project Title and Location: **Project Number: 49**

Old Forge Road Bridge W2382

Account Number:

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.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	2,143	0	22,129	0	0
Gross Operating Cost			0	2,143	0	22,129	0	0
Net Operating Cost			**0**	**2,143**	**0**	**22,129**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,124,900	0	0	0	0	1,124,900	0	0
Engineering/Design	136,300	0	0	136,300	0	0	0	0
Inspection	92,600	0	0	0	0	92,600	0	0
Land Acquisition	5,300	0	0	0	5,300	0	0	0
Total Cost	**1,359,100**	**0**	**0**	**136,300**	**5,300**	**1,217,500**	**0**	**0**

Funding Schedule:

Federal Grant	1,044,600	0	0	109,000	0	935,600	0	0
General Fund	5,300	0	0	0	5,300	0	0	0
Tax Supported Bond	309,200	0	0	27,300	0	281,900	0	0
Total Funding	**1,359,100**	**0**	**0**	**136,300**	**5,300**	**1,217,500**	**0**	**0**

Project Title and Location: **Project Number: 50**

Spur Road Culvert 07/16

Account Number:

Description:

Replace the existing concrete slab structure with a precast concrete box culvert. Project will also include traffic barrier upgrades.

Assumption:

Consideration will be given to abandoning this portion of the road thereby eliminating the need for the structure replacement. This budget assumes structure replacement. Project will be done in conjunction with Leitersburg/Smithsburg Road culvert 07/04.

Justification:

Needed to replace structure that is near the end of its useful life. Due to structure type and size, no practical long term repair options exist.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	17,655	0	0	0
Gross Operating Cost			0	0	17,655	0	0	0
Net Operating Cost			**0**	**0**	**17,655**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	187,100	0	0	0	187,100	0	0	0
Inspection	37,800	0	0	0	37,800	0	0	0
Land Acquisition	10,300	0	0	10,300	0	0	0	0
Total Cost	**235,200**	**0**	**0**	**10,300**	**224,900**	**0**	**0**	**0**

Funding Schedule:

General Fund	10,300	0	0	10,300	0	0	0	0
Tax Supported Bond	224,900	0	0	0	224,900	0	0	0
Total Funding	**235,200**	**0**	**0**	**10,300**	**224,900**	**0**	**0**	**0**

Project Title and Location: **Project Number: 51**

Leitersburg Smithsburg Road Culvert 07/04

Account Number:

Description:

This project is located in the 22600 Block of Leitersburg Smithsburg Road (ADC Map 23, Grid D-1). Replace deteriorated concrete slab structure with new precast concrete box culvert. Project will also include traffic barrier upgrades.

Assumption:

Project to be done in conjunction with Spur Road culvert 07/16.

Justification:

Needed to replace structure that is nearing the end of its useful life. Due to structure type, no practical long term repair options exist. Traffic barrier upgrades will also improve traffic safety.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	809	16,980	0	0	0
Gross Operating Cost			0	809	16,980	0	0	0
Net Operating Cost			**0**	**809**	**16,980**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	178,500	0	0	0	178,500	0	0	0
Inspection	37,800	0	0	0	37,800	0	0	0
Land Acquisition	10,300	0	0	10,300	0	0	0	0
Total Cost	**226,600**	**0**	**0**	**10,300**	**216,300**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	226,600	0	0	10,300	216,300	0	0	0
Total Funding	**226,600**	**0**	**0**	**10,300**	**216,300**	**0**	**0**	**0**

Project Title and Location: **Project Number: 52**
Burnside Bridge Road Culvert 01/02

Account Number:

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	24,343	0	0	0	0
Gross Operating Cost			0	24,343	0	0	0	0
Net Operating Cost			**0**	**24,343**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	244,400	0	0	244,400	0	0	0	0
Inspection	49,200	0	0	49,200	0	0	0	0
Land Acquisition	10,300	0	0	10,300	0	0	0	0
Utilities	6,200	0	0	6,200	0	0	0	0
Total Cost	**310,100**	**0**	**0**	**310,100**	**0**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	310,100	0	0	310,100	0	0	0	0
Total Funding	**310,100**	**0**	**0**	**310,100**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 53**

Leiters Mill Road Bridge W2292

Account Number:

Description:

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.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	2,190	0	20,041	0
Gross Operating Cost			0	0	2,190	0	20,041	0
Net Operating Cost			**0**	**0**	**2,190**	**0**	**20,041**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	964,000	0	0	0	0	0	964,000	0
Engineering/Design	139,700	0	0	0	139,700	0	0	0
Inspection	94,900	0	0	0	0	0	94,900	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Total Cost	**1,204,000**	**0**	**0**	**0**	**139,700**	**5,400**	**1,058,900**	**0**

Funding Schedule:

Federal Grant	915,400	0	0	0	111,800	0	803,600	0
General Fund	5,400	0	0	0	0	5,400	0	0
Tax Supported Bond	283,200	0	0	0	27,900	0	255,300	0
Total Funding	**1,204,000**	**0**	**0**	**0**	**139,700**	**5,400**	**1,058,900**	**0**

Project Title and Location: **Project Number: 54**

Garris Shop Road Bridge W4021

Account Number:

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.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	2,190	8	22,082	0
Gross Operating Cost			0	0	2,190	8	22,082	0
Net Operating Cost			**0**	**0**	**2,190**	**8**	**22,082**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,070,400	0	0	0	0	0	1,070,400	0
Engineering/Design	139,700	0	0	0	139,700	0	0	0
Inspection	94,900	0	0	0	0	0	94,900	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Total Cost	**1,310,400**	**0**	**0**	**0**	**139,700**	**5,400**	**1,165,300**	**0**

Funding Schedule:

Federal Grant	1,000,100	0	0	0	111,800	4,300	884,000	0
General Fund	1,000	0	0	0	0	1,000	0	0
Tax Supported Bond	309,300	0	0	0	27,900	100	281,300	0
Total Funding	**1,310,400**	**0**	**0**	**0**	**139,700**	**5,400**	**1,165,300**	**0**

Project Title and Location: Stevenson Road Culvert 07/18

Project Number: 55

Account Number:

Description:

This project is located near 22650 Stevenson Road (ADC Map 23, Grid E-1). Replace existing single lane concrete structure with a two lane precast concrete box culvert. Upgraded traffic barrier will be added as well to improve safety.

Assumption:

Project will be done in conjunction with Stevenson Road culvert 07/20 provided this project remains a culvert replacement. A road relocation eliminating the need for this structure will be examined, but it is expected to be more costly.

Justification:

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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	226,100	0	0	0	226,100	0	0	0
Inspection	37,800	0	0	0	37,800	0	0	0
Land Acquisition	26,300	0	0	0	26,300	0	0	0
Total Cost	**290,200**	**0**	**0**	**0**	**290,200**	**0**	**0**	**0**

Funding Schedule:

General Fund	290,200	0	0	0	290,200	0	0	0
Total Funding	**290,200**	**0**	**0**	**0**	**290,200**	**0**	**0**	**0**

Project Title and Location: **Project Number: 56**

Old Roxbury Road Bridge W5372

Account Number: 30 11610 BRG020

Description:

This project is located in the 19700 Block of Old Roxbry Road (ADC Map 26, Grid K-8). Road realignment to eliminate bridge and reduce or eliminate road flooding. Project may be influenced by possible historical concerns.

Assumption:

Budget shown assumes road relocation and bridge removal.

Justification:

Needed since the structure is nearing the end of its useful life. Due to long term maintenance and cost effective considerations, project proposes to reroute the road to eliminate the need for the bridge.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	5,362	57,219	0	0
Gross Operating Cost			0	0	5,362	57,219	0	0
Net Operating Cost			**0**	**0**	**5,362**	**57,219**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	677,200	0	0	0	0	677,200	0	0
Engineering/Design	12,477	1,977	0	0	10,500	0	0	0
Inspection	51,700	0	0	0	0	51,700	0	0
Land Acquisition	57,800	0	0	0	57,800	0	0	0
Total Cost	**799,177**	**1,977**	**0**	**0**	**68,300**	**728,900**	**0**	**0**

Funding Schedule:

General Fund	1,977	1,977	0	0	0	0	0	0
Tax Supported Bond	797,200	0	0	0	68,300	728,900	0	0
Total Funding	**799,177**	**1,977**	**0**	**0**	**68,300**	**728,900**	**0**	**0**

Project Title and Location: **Project Number: 57**

Poffenberger Road Bridge W4011

Account Number:

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.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	1,774	0	0
Gross Operating Cost			0	0	0	1,774	0	0
Net Operating Cost			**0**	**0**	**0**	**1,774**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	545,200	0	0	0	0	0	545,200	0
Engineering/Design	107,700	0	0	0	0	107,700	0	0
Inspection	64,000	0	0	0	0	0	64,000	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Total Cost	**722,300**	**0**	**0**	**0**	**0**	**113,100**	**609,200**	**0**

Funding Schedule:

Federal Grant	553,200	0	0	0	0	90,500	462,700	0
General Fund	146,500	0	0	0	0	0	146,500	0
Tax Supported Bond	22,600	0	0	0	0	22,600	0	0
Total Funding	**722,300**	**0**	**0**	**0**	**0**	**113,100**	**609,200**	**0**

Project Title and Location: **Project Number: 58**

Poffenberger Road Bridge W4012

Account Number:

Description:

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.

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 W4011.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	2,331	3,313	0
Gross Operating Cost			0	0	0	2,331	3,313	0
Net Operating Cost			**0**	**0**	**0**	**2,331**	**3,313**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,169,900	0	0	0	0	0	1,169,900	0
Engineering/Design	143,200	0	0	0	0	143,200	0	0
Inspection	96,000	0	0	0	0	0	96,000	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Total Cost	**1,414,500**	**0**	**0**	**0**	**0**	**148,600**	**1,265,900**	**0**

Funding Schedule:

Federal Grant	1,078,800	0	0	0	0	118,900	959,900	0
General Fund	263,800	0	0	0	0	0	263,800	0
Tax Supported Bond	71,900	0	0	0	0	29,700	42,200	0
Total Funding	**1,414,500**	**0**	**0**	**0**	**0**	**148,600**	**1,265,900**	**0**

Project Title and Location: **Project Number: 59**

Locust Grove Road Culvert 08/03

Account Number:

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	2,065	24,806	0	0
Gross Operating Cost			0	0	2,065	24,806	0	0
Net Operating Cost			**0**	**0**	**2,065**	**24,806**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	262,100	0	0	0	0	262,100	0	0
Inspection	38,800	0	0	0	0	38,800	0	0
Land Acquisition	26,300	0	0	0	26,300	0	0	0
Utilities	15,100	0	0	0	0	15,100	0	0
Total Cost	**342,300**	**0**	**0**	**0**	**26,300**	**316,000**	**0**	**0**

Funding Schedule:

Tax Supported Bond	342,300	0	0	0	26,300	316,000	0	0
Total Funding	**342,300**	**0**	**0**	**0**	**26,300**	**316,000**	**0**	**0**

Project Title and Location: **Project Number: 60**
Beaver Creek Road Culvert 16/01

Account Number:

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:

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	19,821	0	0
Gross Operating Cost			0	0	0	19,821	0	0
Net Operating Cost			**0**	**0**	**0**	**19,821**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	214,800	0	0	0	0	214,800	0	0
Inspection	31,200	0	0	0	0	31,200	0	0
Land Acquisition	26,300	0	0	0	26,300	0	0	0
Utilities	6,500	0	0	0	0	6,500	0	0
Total Cost	**278,800**	**0**	**0**	**0**	**26,300**	**252,500**	**0**	**0**

Funding Schedule:

General Fund	26,300	0	0	0	26,300	0	0	0
Tax Supported Bond	252,500	0	0	0	0	252,500	0	0
Total Funding	**278,800**	**0**	**0**	**0**	**26,300**	**252,500**	**0**	**0**

Project Title and Location:	**Project Number: 61**
Hopewell Road Box Culvert 02/02	

Account Number:

Description:

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. Upgraded traffic barrier will be added as well to improve safety.

Assumption:

Project will be done in conjunction with Hopewell Road Culvert 02/01, unless this project is done in advance by a developer as a result of their APFO contribution.

Justification:

Needed to replace structure which 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	17,035
Gross Operating Cost			0	0	0	0	0	17,035
Net Operating Cost			**0**	**0**	**0**	**0**	**0**	**17,035**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	174,000	0	0	0	0	0	0	174,000
Inspection	43,000	0	0	0	0	0	0	43,000
Land Acquisition	11,000	0	0	0	0	0	11,000	0
Total Cost	**228,000**	**0**	**0**	**0**	**0**	**0**	**11,000**	**217,000**

Funding Schedule:

General Fund	11,000	0	0	0	0	0	11,000	0
Tax Supported Bond	217,000	0	0	0	0	0	0	217,000
Total Funding	**228,000**	**0**	**0**	**0**	**0**	**0**	**11,000**	**217,000**

Project Title and Location: **Project Number: 62**

Mt. Lena Road Box Culvert 16/05

Account Number: **30 11610 BRG012**

Description:

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.

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	19,280	0
Gross Operating Cost			0	0	0	0	19,280	0
Net Operating Cost			**0**	**0**	**0**	**0**	**19,280**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	205,900	0	0	0	0	0	205,900	0
Inspection	39,700	0	0	0	0	0	39,700	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Utilities	3,200	0	0	0	0	3,200	0	0
Total Cost	**254,200**	**0**	**0**	**0**	**0**	**8,600**	**245,600**	**0**

Funding Schedule:

General Fund	8,600	0	0	0	0	8,600	0	0
Tax Supported Bond	245,600	0	0	0	0	0	245,600	0
Total Funding	**254,200**	**0**	**0**	**0**	**0**	**8,600**	**245,600**	**0**

Project Title and Location: **Project Number: 63**

Trego Road Culvert 08/06

Account Number:

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	21,941	0
Gross Operating Cost			0	0	0	0	21,941	0
Net Operating Cost			**0**	**0**	**0**	**0**	**21,941**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	239,800	0	0	0	0	0	239,800	0
Inspection	39,700	0	0	0	0	0	39,700	0
Land Acquisition	26,900	0	0	0	0	26,900	0	0
Utilities	12,900	0	0	0	0	12,900	0	0
Total Cost	**319,300**	**0**	**0**	**0**	**0**	**39,800**	**279,500**	**0**

Funding Schedule:

General Fund	39,800	0	0	0	0	39,800	0	0
Tax Supported Bond	279,500	0	0	0	0	0	279,500	0
Total Funding	**319,300**	**0**	**0**	**0**	**0**	**39,800**	**279,500**	**0**

Project Title and Location:	**Project Number: 967**
Benovola Newcomer Church Road Culvert 06/04	
Account Number:	

Description:

This project is located in the 9600 Block of Benovola Church 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	18,667	0	0
Gross Operating Cost			0	0	0	18,667	0	0
Net Operating Cost			**0**	**0**	**0**	**18,667**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	198,000	0	0	0	0	198,000	0	0
Inspection	31,200	0	0	0	0	31,200	0	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Utilities	3,200	0	0	0	0	3,200	0	0
Total Cost	**237,800**	**0**	**0**	**0**	**0**	**237,800**	**0**	**0**

Funding Schedule:

Tax Supported Bond	237,800	0	0	0	0	237,800	0	0
Total Funding	**237,800**	**0**	**0**	**0**	**0**	**237,800**	**0**	**0**

Drainage

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Drainage								
76	Charles Mill Road Culvert	131,300	0	0	0	0	131,300	0	0
77	Interstate Industrial Park Stormwater Management	832,900	0	0	0	832,900	0	0	0
78	Mt. Aetna Road Culvert	213,700	35,000	0	0	178,700	0	0	0
79	Pennsylvania Ave. Culvert 400 Block, Hancock	225,800	0	0	0	0	225,800	0	0
80	Trego Road Culvert, 4000 Block	211,300	0	0	0	0	11,900	199,400	0
81	Preston Road Drainage	135,000	0	135,000	0	0	0	0	0
	Drainage Total	**1,750,000**	**35,000**	**135,000**	**0**	**1,011,600**	**369,000**	**199,400**	**0**
	Funding Source - All Projects								
	General Fund	247,400	35,000	0	0	0	212,400	0	0
	Tax Supported Bond	1,057,100	0	135,000	0	566,100	156,600	199,400	0
	Contributions	445,500	0	0	0	445,500	0	0	0
	Total	**1,750,000**	**35,000**	**135,000**	**0**	**1,011,600**	**369,000**	**199,400**	**0**

Project Title and Location: **Project Number: 34**
Charles Mill Road Culvert

Account Number:

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 Pa. Ave. 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	99,000	0	0	0	0	99,000	0	0
Inspection	23,700	0	0	0	0	23,700	0	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Utilities	3,200	0	0	0	0	3,200	0	0
Total Cost	**131,300**	**0**	**0**	**0**	**0**	**131,300**	**0**	**0**

Funding Schedule:

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

Project Title and Location: Interstate Industrial Park Stormwater Management

Project Number: 10

Account Number: 30 11610 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	30,411	0	0	0
Gross Operating Cost			0	0	30,411	0	0	0
Net Operating Cost			**0**	**0**	**30,411**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	796,100	0	0	0	796,100	0	0	0
Inspection	36,800	0	0	0	36,800	0	0	0
Total Cost	**832,900**	**0**	**0**	**0**	**832,900**	**0**	**0**	**0**

Funding Schedule:

Contributions	445,500	0	0	0	445,500	0	0	0
Tax Supported Bond	387,400	0	0	0	387,400	0	0	0
Total Funding	**832,900**	**0**	**0**	**0**	**832,900**	**0**	**0**	**0**

Project Title and Location: **Project Number: 12**
Mt. Aetna Road Culvert

Account Number: **30 11610 DNG022**

Description:

Ditch, channel and culvert improvements near 21818 Mt. Aetna Road to correct road and property flooding.

Assumption:

Justification:

Needed to correct road flooding problems and to reduce structure maintenance.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	14,028	0	0	0
Gross Operating Cost			0	0	14,028	0	0	0
Net Operating Cost			**0**	**0**	**14,028**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	151,400	0	0	0	151,400	0	0	0
Engineering/Design	25,000	25,000	0	0	0	0	0	0
Inspection	27,300	0	0	0	27,300	0	0	0
Land Acquisition	10,000	10,000	0	0	0	0	0	0
Total Cost	**213,700**	**35,000**	**0**	**0**	**178,700**	**0**	**0**	**0**

Funding Schedule:

General Fund	35,000	35,000	0	0	0	0	0	0
Tax Supported Bond	178,700	0	0	0	178,700	0	0	0
Total Funding	**213,700**	**35,000**	**0**	**0**	**178,700**	**0**	**0**	**0**

Project Title and Location:	Project Number: 36
Pennsylvania Ave. Culvert 400 Block, Hancock	
Account Number:	

Description:

This project is located in the 400 Block of Pennsylvania Avenue in Hancock (ADC Map 3, Grid G-4). Replace and enlarge a deteriorated culvert with a reinforced concrete pipe culvert. Project will also include a new endwall and traffic barrier upgrades. A design difficulty exists in developing compatibility with an adjoining private drainage system at the outlet end of the culvert.

Assumption:

It is assumed that this project will be combined with the Charles Mill Road culvert 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 long term repair options exist. Traffic barrier upgrades will also improve traffic safety.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	11,359	0	0
Gross Operating Cost			0	0	0	11,359	0	0
Net Operating Cost			**0**	**0**	**0**	**11,359**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	192,400	0	0	0	0	192,400	0	0
Inspection	31,200	0	0	0	0	31,200	0	0
Land Acquisition	2,200	0	0	0	0	2,200	0	0
Total Cost	**225,800**	**0**	**0**	**0**	**0**	**225,800**	**0**	**0**

Funding Schedule:

General Fund	81,100	0	0	0	0	81,100	0	0
Tax Supported Bond	144,700	0	0	0	0	144,700	0	0
Total Funding	**225,800**	**0**	**0**	**0**	**0**	**225,800**	**0**	**0**

Project Title and Location: **Project Number: 963**

Trego Road Culvert, 4000 Block

Account Number:

Description:

This project is located in the 4000 Block of Trego Rad (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 Dept. 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	934	15,653	0
Gross Operating Cost			0	0	0	934	15,653	0
Net Operating Cost			**0**	**0**	**0**	**934**	**15,653**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	168,500	0	0	0	0	0	168,500	0
Inspection	30,900	0	0	0	0	0	30,900	0
Land Acquisition	5,400	0	0	0	0	5,400	0	0
Utilities	6,500	0	0	0	0	6,500	0	0
Total Cost	**211,300**	**0**	**0**	**0**	**0**	**11,900**	**199,400**	**0**

Funding Schedule:

Tax Supported Bond	211,300	0	0	0	0	11,900	199,400	0
Total Funding	**211,300**	**0**	**0**	**0**	**0**	**11,900**	**199,400**	**0**

Project Title and Location:	**Project Number:**	**968**
Preston Road Drainage		
Account Number:	**30 11620 DNG026**	

Description:

This project involves replacing an aged deficient stormdrain system that connects Preston Road to US 11 in the vicinity of Fountainhead Plaza. The project will involve both new inlets and storm drain pipe being installed both in County R/W and on private property.

Assumption:

The project will be done in two phases. Phase 1 will be done by the Highway Dept. and will include a yard inlet and run of closed storm drain to US 11. Phase II will be done by contract forces and will consist mainly of grading and closed drain pipe connecting Preston Road to the Phase I work. Easements will be required and it is assumed they will be obtained at minimal costs.

Justification:

Project will correct a drainage problem causing flooding to private property.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			10,598	0	0	0	0	0
Gross Operating Cost			10,598	0	0	0	0	0
Net Operating Cost			**10,598**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	75,000	0	75,000	0	0	0	0	0
Inspection	14,000	0	14,000	0	0	0	0	0
Land Acquisition	11,000	0	11,000	0	0	0	0	0
Utilities	35,000	0	35,000	0	0	0	0	0
Total Cost	**135,000**	**0**	**135,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	135,000	0	135,000	0	0	0	0	0
Total Funding	**135,000**	**0**	**135,000**	**0**	**0**	**0**	**0**	**0**

Education

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Education								
	Board of Education:								
83	Systemic Projects at Various Sites	6,000,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
84	ADA Projects at Various Sites	600,000	0	100,000	100,000	100,000	100,000	100,000	100,000
85	Relocatable Classrooms at Various Sites	4,599,800	0	1,600,000	358,800	621,900	646,800	672,700	699,600
86	Eastern Primary (New School)	26,303,100	0	1,600,000	12,133,600	12,569,500	0	0	0
87	East City High (New School)	76,375,200	0	0	0	3,782,300	20,253,800	33,595,500	18,743,600
88	Bester Elementary (Replacement School)	17,073,500	0	0	0	0	0	1,931,700	15,141,800
89	Fountain Rock Elementary Cafeteria	1,528,000	400,000	1,128,000	0	0	0	0	0
90	Capital Maintenance - BOE	12,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
91	Antietam Academy (Replacement Alternative School)	12,452,900	0	2,250,000	6,669,500	3,533,400	0	0	0
	Board of Education Total	**156,932,500**	**400,000**	**9,678,000**	**22,261,900**	**23,607,100**	**24,000,600**	**39,299,900**	**37,685,000**
	Hagerstown Community College:								
92	Arts and Sciences Complex	31,175,900	0	6,455,400	4,763,600	16,726,200	3,230,700	0	0
93	Campus Operations Building	3,604,400	0	0	0	0	3,604,400	0	0
94	College/Student Center & Bookstore Expansion	4,064,500	0	0	0	0	0	4,064,500	0
95	LRC Minor Renovations/Computer Commons	3,483,700	0	0	0	0	0	3,483,700	0
96	ARCC Roof and Bleachers	875,800	0	0	0	0	0	0	875,800
97	Additional Campus Entrance and Road Upgrade	2,720,100	0	0	0	0	0	0	2,720,100
98	ARCC AC Installation & HVAC Upgrade	1,086,400	0	0	0	0	0	0	1,086,400
	Hagerstown Community College Total	**47,010,800**	**0**	**6,455,400**	**4,763,600**	**16,726,200**	**6,835,100**	**7,548,200**	**4,682,300**
	Public Libraries:								
99	Renovation and Expansion of the Central Library	19,157,200	338,000	1,212,000	10,036,000	7,571,200	0	0	0
	Public Libraries Total	**19,157,200**	**338,000**	**1,212,000**	**10,036,000**	**7,571,200**	**0**	**0**	**0**
	Education Total	**223,100,500**	**738,000**	**17,345,400**	**37,061,500**	**47,904,500**	**30,835,700**	**46,848,100**	**42,367,300**
	Funding Source - All Projects								
	General Fund	74,680,050	423,750	9,293,400	15,298,300	13,716,200	13,358,300	7,747,000	14,843,100
	Tax Supported Bond	12,549,100	0	0	4,227,900	1,653,100	2,099,100	1,722,500	2,846,500
	Transfer Tax	15,600,000	0	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
	Excise Tax - Schools	20,087,000	0	2,350,300	2,665,400	2,980,300	3,610,300	4,240,300	4,240,400
	Excise Tax - Library	542,650	314,250	67,100	76,200	85,100	0	0	0
	Capital Reserve	25,034,000	0	1,098,900	0	0	0	18,078,900	5,856,200
	State Grant	72,607,700	0	1,889,700	11,239,700	25,869,800	9,168,000	12,459,400	11,981,100
	Contributions	2,000,000	0	46,000	954,000	1,000,000	0	0	0
	Education Total	**223,100,500**	**738,000**	**17,345,400**	**37,061,500**	**47,904,500**	**30,835,700**	**46,848,100**	**42,367,300**

Project Title and Location: **Project Number: 78**

Systemic Projects at Various Sites

Account Number: 30 90000 SCH004

Description:

Future designated systemic projects including chillers, boilers, rooftop HVAC units, cooling towers, roof replacements. Systemic projects are eligible for matching State funding.

Assumption:

Justification:

Projected life of mechanical equipment ranges 20-30 years, roofs 20 years. WCPS buildings continue to age 70% of all space older than 34 years.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			52,693	146,435	246,491	356,835	472,853	0
Gross Operating Cost			52,693	146,435	246,491	356,835	472,853	0
Net Operating Cost			**52,693**	**146,435**	**246,491**	**356,835**	**472,853**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	6,000,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Cost	**6,000,000**	**0**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**

Funding Schedule:

General Fund	5,284,000	0	284,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
State Grant	716,000	0	716,000	0	0	0	0	0
Total Funding	**6,000,000**	**0**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**

Project Title and Location: ADA Projects at Various Sites

Project Number: 79

Account Number: 30 90000 SCH005

Description:

Provide access to individuals with disabilities by modifying entrances, bathrooms, alarm systems etc. This is an ongoing budget item used to address specific needs of individual students. Projects include various improvements at Springfield Middle School, Greenbrier Elementary School, Smithsburg Middle School, Funkstown Elementary School, E. Russell Hicks Middle School and Cascade Elementary School.

Assumption:

Justification:

Americans with Disabilities Act requires public buildings be accessible.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	600,000	0	100,000	100,000	100,000	100,000	100,000	100,000
Total Cost	**600,000**	**0**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**

Funding Schedule:

General Fund	600,000	0	100,000	100,000	100,000	100,000	100,000	100,000
Total Funding	**600,000**	**0**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**

Project Title and Location:	**Project Number:** 80
Relocatable Classrooms at Various Sites	

Account Number: **30 90000 SCH008**

Description:

Install relocatable classrooms at sites to be determined by enrollment projections, full-day kindergarten, and pre-kindergarten requirements.

Assumption:

Justification:

To respond to enrollment growth, full-day kindergarten, and pre- kindergarten needs. Legislature mandated all elementary schools will provide Full-Day Kindergarten by FY 2007.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			46.0	46.0	46.0	46.0	46.0	0.0
New Operational Cost			1,263,210	2,306,340	2,852,781	3,219,787	1,019,909	0
Debt Service			18,680	48,081	48,081	48,081	48,081	0
Gross Operating Cost			1,281,890	2,354,421	2,900,862	3,267,868	1,067,990	0
Net Operating Cost			**1,281,890**	**2,354,421**	**2,900,862**	**3,267,868**	**1,067,990**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	4,599,800	0	1,600,000	358,800	621,900	646,800	672,700	699,600
Total Cost	**4,599,800**	**0**	**1,600,000**	**358,800**	**621,900**	**646,800**	**672,700**	**699,600**

Funding Schedule:

General Fund	4,599,800	0	1,600,000	358,800	621,900	646,800	672,700	699,600
Total Funding	**4,599,800**	**0**	**1,600,000**	**358,800**	**621,900**	**646,800**	**672,700**	**699,600**

Project Title and Location:	**Project Number:** 85
Eastern Primary (New School)	
Account Number: 30 90000 SCH025	

Description:

New school construction of a 77,016 square foot primary school building to house Pre-K 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:

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	36.5	36.5	36.5	0.0
New Operational Cost			0	0	460,084	446,632	463,828	0
Debt Service			0	252,558	71,678	0	0	0
Gross Operating Cost			0	252,558	531,762	446,632	463,828	0
Net Operating Cost			**0**	**252,558**	**531,762**	**446,632**	**463,828**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	22,794,700	0	0	11,979,800	10,814,900	0	0	0
Engineering/Design	1,911,400	0	1,600,000	153,800	157,600	0	0	0
Equipment/Furniture	1,597,000	0	0	0	1,597,000	0	0	0
Total Cost	**26,303,100**	**0**	**1,600,000**	**12,133,600**	**12,569,500**	**0**	**0**	**0**

Funding Schedule:

Excise Tax - Schools	7,245,700	0	1,600,000	2,665,400	2,980,300	0	0	0
General Fund	7,113,200	0	0	2,219,200	4,894,000	0	0	0
State Grant	7,813,800	0	0	4,031,700	3,782,100	0	0	0
Tax Supported Bond	4,130,400	0	0	3,217,300	913,100	0	0	0
Total Funding	**26,303,100**	**0**	**1,600,000**	**12,133,600**	**12,569,500**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**86**
East City High (New School)		
Account Number:		

Description:

Provides a new 199,650 sf High School with a capacity of 1,245 students, and core space (s) to support future enrollments up to 1600 students.

Assumption:

This budget does not include funds for the purchase of land.
This budget does not include the cost of offsite infrastructure, including roads and public utilities.

Justification:

Enrollment pressures at multiple high schools in the eastern area of the county will require the construction of a new high school.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	2.0	2.0	0.0
New Operational Cost			0	0	0	392,099	632,258	0
Debt Service			0	0	0	164,779	135,216	28,378
Gross Operating Cost			0	0	0	556,878	767,474	28,378
Net Operating Cost			**0**	**0**	**0**	**556,878**	**767,474**	**28,378**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	66,241,100	0	0	0	0	20,092,300	33,429,900	12,718,900
Engineering/Design	4,279,100	0	0	0	3,782,300	161,500	165,600	169,700
Equipment/Furniture	5,855,000	0	0	0	0	0	0	5,855,000
Total Cost	**76,375,200**	**0**	**0**	**0**	**3,782,300**	**20,253,800**	**33,595,500**	**18,743,600**

Funding Schedule:

Capital Reserve	23,835,600	0	0	0	0	0	17,979,400	5,856,200
Excise Tax - Schools	12,091,000	0	0	0	0	3,610,300	4,240,300	4,240,400
General Fund	15,173,600	0	0	0	3,165,400	8,468,300	1,153,200	2,386,700
State Grant	20,199,300	0	0	0	0	6,076,100	8,500,100	5,623,100
Tax Supported Bond	4,483,100	0	0	0	300,000	2,099,100	1,722,500	361,500
Transfer Tax	592,600	0	0	0	316,900	0	0	275,700
Total Funding	**76,375,200**	**0**	**0**	**0**	**3,782,300**	**20,253,800**	**33,595,500**	**18,743,600**

Project Title and Location: **Project Number: 89**

Bester Elementary (Replacement School)

Account Number:

Description:

Construct a new school to replace the existing Bester Elementary on the existing site. The new school is planned as a five-round school, increasing the student capacity of this school from 511 students to 745 students. The entire 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.

Assumption:

Justification:

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. 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	0	195,073
Gross Operating Cost			0	0	0	0	0	195,073
Net Operating Cost			**0**	**0**	**0**	**0**	**0**	**195,073**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	14,972,100	0	0	0	0	0	0	14,972,100
Engineering/Design	2,101,400	0	0	0	0	0	1,931,700	169,700
Equipment/Furniture	0	0	0	0	0	0	0	0
Total Cost	**17,073,500**	**0**	**0**	**0**	**0**	**0**	**1,931,700**	**15,141,800**

Funding Schedule:

Capital Reserve	99,500	0	0	0	0	0	99,500	0
Excise Tax - Schools	0	0	0	0	0	0	0	0
General Fund	10,489,000	0	0	0	0	0	1,832,200	8,656,800
State Grant	4,000,000	0	0	0	0	0	0	4,000,000
Tax Supported Bond	2,485,000	0	0	0	0	0	0	2,485,000
Total Funding	**17,073,500**	**0**	**0**	**0**	**0**	**0**	**1,931,700**	**15,141,800**

Project Title and Location: Fountain Rock Elementary Cafeteria

Project Number: 91

Account Number: 30 90000 SCH024

Description:

Planning, design and construction of a cafeteria and related spaces.

Assumption:

Justification:

This school did not include a cafeteria in the original construction. As a result, students dine in the gymnasium and/or their classrooms, which has a negative impact on delivery of the instructional program.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,128,000	0	1,128,000	0	0	0	0	0
Engineering/Design	400,000	400,000	0	0	0	0	0	0
Total Cost	**1,528,000**	**400,000**	**1,128,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	1,528,000	400,000	1,128,000	0	0	0	0	0
Total Funding	**1,528,000**	**400,000**	**1,128,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: Capital Maintenance - BOE

Project Number: 81

Account Number: 30 90000 SCH006

Description:

Projects vary depending on the conditions, changing populations, 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.

Assumption:

Justification:

On going maintenance improvements of the system outside of the General Fund Budget.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			57,135	57,135	57,135	57,135	57,135	0
Gross Operating Cost			57,135	57,135	57,135	57,135	57,135	0
Net Operating Cost			**57,135**	**57,135**	**57,135**	**57,135**	**57,135**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	12,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Total Cost	**12,000,000**	**0**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**

Funding Schedule:

General Fund	12,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Total Funding	**12,000,000**	**0**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**

Project Title and Location:	**Project Number:** 975
Antietam Academy (Replacement Alternative School)	
Account Number: 30 90000 SCH023	

Description:

Antietam Academy will serve as a center for Alternative Education needs. Planned enrollment capacity for this 40,700 square foot school is 200 Middle School and High School students (Grades 6-12).

Assumption:

BOE will fund the cost of A/E design services.
School will be constructed on property currently owned by the BOE.

Justification:

This project will bring Alternative Education resources and students together under one roof. The existing alternative programs are housed in the "H-Building" on the South Hagerstown High School campus, and the lower level of Western Heights Middle School. The current facilities are inadequate and inefficient for the current program needs.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	26.0	0.0	0.0	0.0	0.0
New Operational Cost			0	1,560,000	0	0	0	0
Gross Operating Cost			0	1,560,000	0	0	0	0
Net Operating Cost			**0**	**1,560,000**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	11,463,700	0	2,250,000	6,310,700	2,903,000	0	0	0
Engineering/Design	207,600	0	0	102,500	105,100	0	0	0
Equipment/Furniture	781,600	0	0	256,300	525,300	0	0	0
Total Cost	**12,452,900**	**0**	**2,250,000**	**6,669,500**	**3,533,400**	**0**	**0**	**0**

Funding Schedule:

Excise Tax - Schools	750,300	0	750,300	0	0	0	0	0
General Fund	6,795,000	0	1,499,700	3,461,500	1,833,800	0	0	0
State Grant	4,907,600	0	0	3,208,000	1,699,600	0	0	0
Total Funding	**12,452,900**	**0**	**2,250,000**	**6,669,500**	**3,533,400**	**0**	**0**	**0**

Project Title and Location: **Project Number:** **93**

Arts and Sciences Complex

Account Number: **30 90040 COL016**

Description:

The main purpose of this project is to provide Hagerstown Community College with a new academic building supporting the mathematics and science programs of the Mathematics and Science Division (excluding Engineering) and renovated facilities to support some of the classroom, laboratory, and office needs of the English and Humanities and Behavioral and Social Sciences divisions. This project has three phases. Phase I is construction of a new science building with updated classrooms and science labs, and office space for faculty and support staff. Phase II includes relocating the classes and staff from the current science building to the new building, performing a complete renewal of the old building. The renewal would leave only the existing shell, demolishing and rebuilding interior walls and replacing and upgrading the mechanical and electrical systems, and the building would meet all code requirements.

Assumption:

State funding - 61.7%

This project is 11th on the prioritized list of community college capital projects. If not funded in FY09, funds are guaranteed in FY10. HCC requests that county funds be preserved in FY09 regardless of state funding approval.

Justification:

The project will include asbestos abatement, modernization of instructional spaces to meet ADA standards and requirements. Connecting the buildings will extend the life and usefulness of the buildings to meet current and projected future enrollment growth.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	36.0	36.0	36.0
New Operational Cost			0	0	0	812,403	844,899	887,144
New Facilities Cost			0	0	0	70,782	73,613	77,293
Gross Operating Cost			0	0	0	883,185	918,512	964,437
Net Operating Cost			**0**	**0**	**0**	**883,185**	**918,512**	**964,437**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	25,345,200	0	3,855,400	4,763,600	16,726,200	0	0	0
Engineering/Design	2,600,000	0	2,600,000	0	0	0	0	0
Equipment/Furniture	3,230,700	0	0	0	0	3,230,700	0	0
Total Cost	**31,175,900**	**0**	**6,455,400**	**4,763,600**	**16,726,200**	**3,230,700**	**0**	**0**

Funding Schedule:

General Fund	4,845,300	0	2,681,700	2,163,600	0	0	0	0
State Grant	16,683,100	0	1,173,700	0	14,443,100	1,066,300	0	0
Transfer Tax	9,647,500	0	2,600,000	2,600,000	2,283,100	2,164,400	0	0
Total Funding	**31,175,900**	**0**	**6,455,400**	**4,763,600**	**16,726,200**	**3,230,700**	**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. 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. Currently maintenance equipment such as tractors, and mowers is stored outside, which reduces the life expectancy. No new operating cost, except utilities. Will house existing functions.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	1.0	0.5	1.0
New Operational Cost			0	0	0	10,000	10,500	11,025
New Facilities Cost			0	0	0	13,868	14,561	15,289
Gross Operating Cost			0	0	0	23,868	25,061	26,314
Net Operating Cost			**0**	**0**	**0**	**23,868**	**25,061**	**26,314**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	3,205,400	0	0	0	0	3,205,400	0	0
Engineering/Design	245,500	0	0	0	0	245,500	0	0
Equipment/Furniture	153,500	0	0	0	0	153,500	0	0
Total Cost	**3,604,400**	**0**	**0**	**0**	**0**	**3,604,400**	**0**	**0**

Funding Schedule:

General Fund	1,143,200	0	0	0	0	1,143,200	0	0
State Grant	2,025,600	0	0	0	0	2,025,600	0	0
Transfer Tax	435,600	0	0	0	0	435,600	0	0
Total Funding	**3,604,400**	**0**	**0**	**0**	**0**	**3,604,400**	**0**	**0**

Project Title and Location:	**Project Number:**	**95**
College/Student Center & Bookstore Expansion		
Account Number:		

Description:

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.

Assumption:

Justification:

Student enrollment as increased significantly over the last several years. By 2012, HCC enrollment is expected to grow to serve almost 18,000 credit and non-credit students. It is anticipated that no additional operating costs will be incurred until FY2014 after project completion.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			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 FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	3,560,500	0	0	0	0	0	3,560,500	0
Engineering/Design	336,000	0	0	0	0	0	336,000	0
Equipment/Furniture	168,000	0	0	0	0	0	168,000	0
Total Cost	**4,064,500**	**0**	**0**	**0**	**0**	**0**	**4,064,500**	**0**

Funding Schedule:

State Grant	2,085,000	0	0	0	0	0	2,085,000	0
Transfer Tax	1,979,500	0	0	0	0	0	1,979,500	0
Total Funding	**4,064,500**	**0**	**0**	**0**	**0**	**0**	**4,064,500**	**0**

Project Title and Location:	**Project Number:**	**96**
LRC Minor Renovations/Computer Commons		
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 currently housed in the LRC. The project will also allow for the renovation space into a comprehensive Computer Commons. The purpose of the Commons is to provide students with support for assignments which require the need for technology.

Assumption:

Justification:

Adult Basic Education Programs are housed in the LRC. Enrollment from FY05 to FY06 increased by 120%. It is anticipated that this program will continue to grow at a rapid pace. Efficiencies will be created by consolidating student accessible technology.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	1.0	1.0
New Operational Cost			0	0	0	0	48,000	50,400
Gross Operating Cost			0	0	0	0	48,000	50,400
Net Operating Cost			**0**	**0**	**0**	**0**	**48,000**	**50,400**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	3,053,300	0	0	0	0	0	3,053,300	0
Engineering/Design	286,400	0	0	0	0	0	286,400	0
Equipment/Furniture	144,000	0	0	0	0	0	144,000	0
Total Cost	**3,483,700**	**0**	**0**	**0**	**0**	**0**	**3,483,700**	**0**

Funding Schedule:

General Fund	988,900	0	0	0	0	0	988,900	0
State Grant	1,874,300	0	0	0	0	0	1,874,300	0
Transfer Tax	620,500	0	0	0	0	0	620,500	0
Total Funding	**3,483,700**	**0**	**0**	**0**	**0**	**0**	**3,483,700**	**0**

Project Title and Location: ARCC Roof and Bleachers

Project Number: 259

Account Number:

Description:

The increased span support will strengthen support beneath the roof seams, reducing the likelihood of leaks. The ARCC roof must be replaced within the next ten years regardless of whether this project is funded because it is nearing the end of its expected lifespan. Additional bleachers will enable HCC to accommodate larger events, as well as allow more people to attend sporting events, graduations and other activities that currently take place in the ARCC. The aforementioned improvements will further demonstrate HCC's commitment to a partnership with its community.

Assumption:

Justification:

A variety of large-scale and community activities take place in the ARCC.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			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 FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	389,300	0	0	0	0	0	0	389,300
Engineering/Design	33,900	0	0	0	0	0	0	33,900
Equipment/Furniture	452,600	0	0	0	0	0	0	452,600
Total Cost	**875,800**	**0**	**0**	**0**	**0**	**0**	**0**	**875,800**

Funding Schedule:

State Grant	503,600	0	0	0	0	0	0	503,600
Transfer Tax	372,200	0	0	0	0	0	0	372,200
Total Funding	**875,800**	**0**	**0**	**0**	**0**	**0**	**0**	**875,800**

Project Title and Location:	**Project Number:**	**262**
Additional Campus Entrance and Road Upgrade		
Account Number:		

Description:

This project will create a second campus entrance on the southwest side of the property. This will enable easy access from Eastern Boulevard. 43.5% local funding

Assumption:

Justification:

There is considerable congestion at the current entrance because of development in the Robinwood area. Continuing growth of the student population with one campus entrance also substantially contributes to the need for this project.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			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 FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	2,488,700	0	0	0	0	0	0	2,488,700
Engineering/Design	231,400	0	0	0	0	0	0	231,400
Total Cost	**2,720,100**	**0**	**0**	**0**	**0**	**0**	**0**	**2,720,100**

Funding Schedule:

State Grant	1,299,100	0	0	0	0	0	0	1,299,100
Transfer Tax	1,421,000	0	0	0	0	0	0	1,421,000
Total Funding	**2,720,100**	**0**	**0**	**0**	**0**	**0**	**0**	**2,720,100**

Project Title and Location:	**Project Number: 263**
ARCC AC Installation & HVAC Upgrade	

Account Number:

Description:

The ARCC was built in 1988-89. Because of limited capital funding during construction, the building was not air conditioned. Most county high school graduations take place in the ARCC along with many other community events. Not having the facility air conditioned generates many complaints from community members. 41.1% local funding

Assumption:

Justification:

A variety of large-scale and community activities take place in the ARCC.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	0	0	0	0	12,500
Gross Operating Cost			0	0	0	0	0	12,500
Net Operating Cost			**0**	**0**	**0**	**0**	**0**	**12,500**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	973,300	0	0	0	0	0	0	973,300
Engineering/Design	113,100	0	0	0	0	0	0	113,100
Total Cost	**1,086,400**	**0**	**0**	**0**	**0**	**0**	**0**	**1,086,400**

Funding Schedule:

State Grant	555,300	0	0	0	0	0	0	555,300
Transfer Tax	531,100	0	0	0	0	0	0	531,100
Total Funding	**1,086,400**	**0**	**0**	**0**	**0**	**0**	**0**	**1,086,400**

Project Title and Location: **Project Number: 6**

Renovation and Expansion of the Central Library

Account Number: **30 10100 BLD046**

Description:

The project calls for approximately doubling the size of the current facility to 91,000 square feet. The city of Hagerstown has agreed to help with land acquisition on the east side of the building.

Assumption:

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	22.0	22.0	22.0	22.0	0.0
New Operational Cost			0	495,000	514,800	535,390	556,810	0
New Facilities Cost			0	60,000	62,400	64,900	67,490	0
Debt Service			0	79,332	34,540	0	0	0
Gross Operating Cost			0	634,332	611,740	600,290	624,300	0
Net Operating Cost			**0**	**634,332**	**611,740**	**600,290**	**624,300**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	17,607,200	0	0	10,036,000	7,571,200	0	0	0
Engineering/Design	1,200,000	338,000	862,000	0	0	0	0	0
Relocation Fees	350,000	0	350,000	0	0	0	0	0
Total Cost	**19,157,200**	**338,000**	**1,212,000**	**10,036,000**	**7,571,200**	**0**	**0**	**0**

Funding Schedule:

Capital Reserve	1,098,900	0	1,098,900	0	0	0	0	0
Contributions	2,000,000	0	46,000	954,000	1,000,000	0	0	0
Excise Tax - Library	542,650	314,250	67,100	76,200	85,100	0	0	0
General Fund	4,120,050	23,750	0	3,995,200	101,100	0	0	0
State Grant	9,945,000	0	0	4,000,000	5,945,000	0	0	0
Tax Supported Bond	1,450,600	0	0	1,010,600	440,000	0	0	0
Total Funding	**19,157,200**	**338,000**	**1,212,000**	**10,036,000**	**7,571,200**	**0**	**0**	**0**

General Government

Washington County, Maryland
Capital Improvement Plan
Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	General Government								
	Budget & Finance:								
101	Contingency - General Fund	9,308,200	0	1,200,000	1,332,500	1,470,900	1,615,300	1,766,100	1,923,400
102	Bond Issuance Costs	1,633,500	0	230,000	246,000	262,700	280,000	298,000	316,800
103	Oracle Platform Upgrade	1,723,700	0	250,000	410,000	525,300	538,400	0	0
104	Future Construction Project Reserve	2,452,800	0	5,819,700	1,079,900	5,382,000	3,868,700	(10,326,300)	(3,371,200)
	Budget & Finance Total	**15,118,200**	**0**	**7,499,700**	**3,068,400**	**7,640,900**	**6,302,400**	**(8,262,200)**	**(1,131,000)**
	Information Technology:								
105	County Wireless Infrastructure System	471,700	0	100,000	102,500	0	269,200	0	0
106	Technology Development & Upgrades	243,700	0	0	25,600	52,500	53,800	55,200	56,600
	Information Technology Total	**715,400**	**0**	**100,000**	**128,100**	**52,500**	**323,000**	**55,200**	**56,600**
	Outside Entities:								
107	Senior Community Center	2,345,900	0	0	0	859,100	1,486,800	0	0
	Outside Entities Total	**2,345,900**	**0**	**0**	**0**	**859,100**	**1,486,800**	**0**	**0**
	Highways:								
108	Fuel Center - S. Sect. Highway Maintenance Shop	490,000	0	226,200	263,800	0	0	0	0
	Highways Total	**490,000**	**0**	**226,200**	**263,800**	**0**	**0**	**0**	**0**
	Public Works Department:								
109	Renovate 80 W Baltimore Street Administrative Annex	275,000	0	275,000	0	0	0	0	0
	Public Works Department Total	**275,000**	**0**	**275,000**	**0**	**0**	**0**	**0**	**0**
	General Government Total	**18,944,500**	**0**	**8,100,900**	**3,460,300**	**8,552,500**	**8,112,200**	**(8,207,000)**	**(1,074,400)**
	TOTAL	**18,944,500**	**0**	**8,100,900**	**3,460,300**	**8,552,500**	**8,112,200**	**(8,207,000)**	**(1,074,400)**
	Funding Source - All Projects								
	General Fund	33,335,000	0	1,550,000	2,950,500	7,893,000	6,554,800	9,604,900	4,781,800
	Tax Supported Bond	2,424,900	0	731,200	509,800	659,500	257,400	267,000	0
	Capital Reserve	(18,115,400)	0	5,819,700	0	0	0	(18,078,900)	(5,856,200)
	State Grant	800,000	0	0	0	0	800,000	0	0
	Contributions	500,000	0	0	0	0	500,000	0	0
	TOTAL	**18,944,500**	**0**	**8,100,900**	**3,460,300**	**8,552,500**	**8,112,200**	**(8,207,000)**	**(1,074,400)**

Project Title and Location: Contingency - General Fund

Project Number: 1

Account Number: 30 10500 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Contingency	9,308,200	0	1,200,000	1,332,500	1,470,900	1,615,300	1,766,100	1,923,400
Total Cost	**9,308,200**	**0**	**1,200,000**	**1,332,500**	**1,470,900**	**1,615,300**	**1,766,100**	**1,923,400**

Funding Schedule:

General Fund	9,308,200	0	1,200,000	1,332,500	1,470,900	1,615,300	1,766,100	1,923,400
Total Funding	**9,308,200**	**0**	**1,200,000**	**1,332,500**	**1,470,900**	**1,615,300**	**1,766,100**	**1,923,400**

Project Title and Location: Bond Issuance Costs

Project Number: 2

Account Number: 30 10500 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			18,055	19,311	19,429	20,206	20,960	0
Gross Operating Cost			18,055	19,311	19,429	20,206	20,960	0
Net Operating Cost			**18,055**	**19,311**	**19,429**	**20,206**	**20,960**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Bond Issuance Expense	1,633,500	0	230,000	246,000	262,700	280,000	298,000	316,800
Total Cost	**1,633,500**	**0**	**230,000**	**246,000**	**262,700**	**280,000**	**298,000**	**316,800**

Funding Schedule:

General Fund	385,600	0	0	0	15,200	22,600	31,000	316,800
Tax Supported Bond	1,247,900	0	230,000	246,000	247,500	257,400	267,000	0
Total Funding	**1,633,500**	**0**	**230,000**	**246,000**	**262,700**	**280,000**	**298,000**	**316,800**

Project Title and Location: Oracle Platform Upgrade

Project Number: 969

Account Number: 30 10500 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:

Justification:

Integrated system will require platform change to Oracle by 2013. Without platform all maintenance and updates to payroll, etc will cease. Approach is to build up funds for conversion and implementation firm. At time of platform change the addition of a time keeping system will be added, thereby eliminating manual entry of timecards and converting to an

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Hardware/Software	1,723,700	0	250,000	410,000	525,300	538,400	0	0
Total Cost	**1,723,700**	**0**	**250,000**	**410,000**	**525,300**	**538,400**	**0**	**0**

Funding Schedule:

General Fund	1,723,700	0	250,000	410,000	525,300	538,400	0	0
Total Funding	**1,723,700**	**0**	**250,000**	**410,000**	**525,300**	**538,400**	**0**	**0**

Project Title and Location: Future Construction Project Reserve

Project Number: 982

Account Number:

Description:

Construction funds reserved for large projects requiring significant contributions of cash that exceed that County's annual debt limitation and annual paygo funding.

Assumption:

The current assumption is to plan for several large construction projects in which the County would draw down on the reserve in the year of the cash requirement. Projects exists in both of the two five year planning segments:

2010 - 2014 Construction of a new high school ($76.4m). To fund $18.1m in FY 2013 and $5.9m in FY 2014.

2015 - 2020 Construction of a new addition to the W.C. Detention Center (4 Phases @ $38.9m).

Justification:

The reserve allows the County to build a reserve of cash up to fund specific projects that will require amounts in excess of the contingency account, debt limitations, and paygo funding to fund needed projects in the future from our long-term planning. This allows financial flexibility for the County in its capital and operating programs.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	2,452,800	0	5,819,700	1,079,900	5,382,000	3,868,700	(10,326,300)	(3,371,200)
Total Cost	**2,452,800**	**0**	**5,819,700**	**1,079,900**	**5,382,000**	**3,868,700**	**(10,326,300)**	**(3,371,200)**

Funding Schedule:

Capital Reserve	(18,115,400)	0	5,819,700	0	0	0	(18,078,900)	(5,856,200)
General Fund	20,568,200	0	0	1,079,900	5,382,000	3,868,700	7,752,600	2,485,000
Total Funding	**2,452,800**	**0**	**5,819,700**	**1,079,900**	**5,382,000**	**3,868,700**	**(10,326,300)**	**(3,371,200)**

Project Title and Location: **Project Number:** **984**
County Wireless Infrastructure System

Account Number: **30 10310 COM021**

Description:

Increase scope and reliability of existing system through additional installation and backup equipment. System is available as an enhancement for other County agencies as well as the Board of Education, Library, Emergency Services, Sheriff's Department, City of Hagerstown Police Department and other City services.

Assumption:

Justification:

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Equipment/Furniture	471,700	0	100,000	102,500	0	269,200	0	0
Total Cost	**471,700**	**0**	**100,000**	**102,500**	**0**	**269,200**	**0**	**0**

Funding Schedule:

General Fund	471,700	0	100,000	102,500	0	269,200	0	0
Total Funding	**471,700**	**0**	**100,000**	**102,500**	**0**	**269,200**	**0**	**0**

Project Title and Location: **Project Number: 3**

Technology Development & Upgrades

Account Number: 30 10500 COM011

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:

Justification:

Integrated system will require platform change to Oracle by 2013. Without platform all maintenance and updates to payroll, etc will cease. Approach is to build up funds for conversion and implementation firm. At time of platform change the addition of a time keeping system will be added, thereby eliminating manual entry of timecards and converting to an electronic system.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Hardware/Software	243,700	0	0	25,600	52,500	53,800	55,200	56,600
Total Cost	**243,700**	**0**	**0**	**25,600**	**52,500**	**53,800**	**55,200**	**56,600**

Funding Schedule:

General Fund	243,700	0	0	25,600	52,500	53,800	55,200	56,600
Total Funding	**243,700**	**0**	**0**	**25,600**	**52,500**	**53,800**	**55,200**	**56,600**

Project Title and Location: **Project Number:** **927**

Senior Community Center

Account Number:

Description:

Establishment through renovation, retrofitting or construction of Senior Community Centers to provide focal point for services for adults age 60 and older in Washington County in order to maintain independence and quality of life. Centers offer information and assistance, health education, wellness/fitness opportunties, resource counseling, meals, socialization, recreation, and civic engagement.

Assumption:

An existing building will be retrofitted for use as a senior community center. This first center will be in the vicinity of downtown Hagerstown, 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	32,342	0	0	0
Gross Operating Cost			0	0	32,342	0	0	0
Net Operating Cost			**0**	**0**	**32,342**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,548,900	0	0	0	649,000	899,900	0	0
Engineering/Design	210,100	0	0	0	210,100	0	0	0
Equipment/Furniture	586,900	0	0	0	0	586,900	0	0
Total Cost	**2,345,900**	**0**	**0**	**0**	**859,100**	**1,486,800**	**0**	**0**

Funding Schedule:

Contributions	500,000	0	0	0	0	500,000	0	0
General Fund	633,900	0	0	0	447,100	186,800	0	0
State Grant	800,000	0	0	0	0	800,000	0	0
Tax Supported Bond	412,000	0	0	0	412,000	0	0	0
Total Funding	**2,345,900**	**0**	**0**	**0**	**859,100**	**1,486,800**	**0**	**0**

Project Title and Location:	**Project Number: 962**
Fuel Center - S. Sect. Highway Maintenance Shop	

Account Number: **30 20010 BLD057**

Description:

Construct a diesel and gasoline fuel center at the southern section highway maintenance shop. The facility will be usable to all county, Sheriff's Office and the Board of Education vehicles operating in that general vicinity. The project includes a motorized entrance gate and connectivity to the central section highway shop software tracking system for billing and data collection.

Assumption:

This project will reduce operating expenses such as fuel usage and vehicle maintenance.

Justification:

This project was recommended by an internal committee established to evaluate vehicle use and maintenance. Currently vehicles operating in the southern portion of the county travel to Hagerstown to refuel. This project will allow the vehicle and employees to remain in the area of operation. Of particular importance is law enforcement officers who patrol these areas. By constructing this facility they will not be taken out of their coverage area to refuel the vehicle.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			17,757	20,708	0	0	0	0
Gross Operating Cost			17,757	20,708	0	0	0	0
Net Operating Cost			**17,757**	**20,708**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	419,800	0	164,000	255,800	0	0	0	0
Engineering/Design	57,000	0	57,000	0	0	0	0	0
Inspection	13,200	0	5,200	8,000	0	0	0	0
Total Cost	**490,000**	**0**	**226,200**	**263,800**	**0**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	490,000	0	226,200	263,800	0	0	0	0
Total Funding	**490,000**	**0**	**226,200**	**263,800**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 965**

Renovate 80 W Baltimore Street Administrative Annex

Account Number: **30 10950 BLD058**

Description:

Renovate open space office environment to accommodate added employees and increase workflow efficiency within the building. Project includes office move, disassembly, reassembly of workstations, electrical and data connectivity.

Assumption:

Justification:

Work space is insufficient for the number of employees. The work environment is not conducive for productivity and efficient operations.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			21,588	0	0	0	0	0
Gross Operating Cost			21,588	0	0	0	0	0
Net Operating Cost			**21,588**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Architect Fees	25,000	0	25,000	0	0	0	0	0
Construction	250,000	0	250,000	0	0	0	0	0
Total Cost	**275,000**	**0**	**275,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	275,000	0	275,000	0	0	0	0	0
Total Funding	**275,000**	**0**	**275,000**	**0**	**0**	**0**	**0**	**0**

Parks and Recreation

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Parks & Recreation								
	Black Rock Golf Course:								
111	Black Rock Golf Course Pavilion	41,500	0	41,500	0	0	0	0	0
	Black Rock Golf Course Total	**41,500**	**0**	**41,500**	**0**	**0**	**0**	**0**	**0**
	Bldgs., Grounds & Parks:								
110A	Tammany Park Development	32,400	0	0	0	32,400	0	0	0
112	Devils Backbone Park Dam Repair	942,600	200,000	0	364,000	378,600	0	0	0
113	M. L. Snook Park - Playground Equipment	57,200	0	0	57,200	0	0	0	0
114	North County Park Development #1	1,391,735	16,635	0	362,100	324,500	337,500	351,000	0
115	M. L. Snook Park - Softball Field Lighting	105,300	0	0	0	0	0	105,300	0
116	Doub's Woods Park - Overlay Parking Lot	57,800	0	0	57,800	0	0	0	0
117	Recreation Center	545,200	0	0	0	0	269,200	276,000	0
118	Clear Spring Little League - Lighting	70,300	0	0	0	70,300	0	0	0
119	Clear Spring Park - Biking/Walking Trail	35,100	0	0	0	0	0	35,100	0
120	Pen Mar Park - Paved Parking	28,100	0	0	0	0	28,100	0	0
121	MLS Park - Walking Trail	43,000	0	43,000	0	0	0	0	0
122	MLS Park - Rubberized Playground Mulch	25,000	0	25,000	0	0	0	0	0
123	Doubs Woods Art Pavilion Roof	9,600	0	9,600	0	0	0	0	0
	Bldgs., Grounds & Parks Total	**3,343,335**	**216,635**	**77,600**	**841,100**	**805,800**	**634,800**	**767,400**	**0**
	Parks & Recreation Total	**3,384,835**	**216,635**	**119,100**	**841,100**	**805,800**	**634,800**	**767,400**	**0**
	Funding Source - All Projects								
	General Fund	518,363	21,663	7,800	99,000	108,200	117,300	164,400	0
	State Grant	2,824,972	194,972	69,800	742,100	697,600	517,500	603,000	0
	Contributions	41,500	0	41,500	0	0	0	0	0
	Total	**3,384,835**	**216,635**	**119,100**	**841,100**	**805,800**	**634,800**	**767,400**	**0**

Project Title and Location: **Project Number: 938**

Black Rock Golf Course Pavilion

Account Number: 36 46010 PVL005

Description:

Excavate, grade and construct 30' X 60' Pavilion.

Assumption:

Pending Approval of Funding with Howard Trust Monies

Justification:

Construction will enable the Golf Course to provide a covered structure to use for Tournament Play which will not interfere with club house operations. Tournaments will be able to have their banquets and award ceremonies without interruption due to the operation of the facility. The Pavilion which will be built within 100' of the existing Club House will help promote play at the course.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	40,000	0	40,000	0	0	0	0	0
Engineering/Design	1,500	0	1,500	0	0	0	0	0
Total Cost	**41,500**	**0**	**41,500**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Contributions	41,500	0	41,500	0	0	0	0	0
Total Funding	**41,500**	**0**	**41,500**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: Tammany Park Development

Project Number: 68

Account Number: 30 11900 REC018

Description:

Development phase of this project will consist of construction of a basketball court, a volleyball court, horseshoe pits, a small picnic shelter, and playground equipment.

Assumption:

Justification:

This property was acquired by the County as a result of the POS conversion process associated with the selling of the Ditto Knolls property. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	32,400	0	0	0	32,400	0	0	0
Total Cost	**32,400**	**0**	**0**	**0**	**32,400**	**0**	**0**	**0**

Funding Schedule:

General Fund	4,000	0	0	0	4,000	0	0	0
State Grant	28,400	0	0	0	28,400	0	0	0
Total Funding	**32,400**	**0**	**0**	**0**	**32,400**	**0**	**0**	**0**

Project Title and Location: Devils Backbone Park Dam Repair

Project Number: 66

Account Number: 30 11900 LDI028

Description:

This project consists of repairing the existing stone masonry dam in an historically acceptable manner. The repair will include a fish ladder consistent with State and Federal requirements.

Assumption:

Justification:

The dam is in a poor state of repair and the Maryland Department of Environment Dam Safety Division has requested that the poor condition be addressed. It is recommended by the Recreation and Parks Board that repairs to the structure be made verses the removal of the dam.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	742,600	0	0	364,000	378,600	0	0	0
Engineering/Design	200,000	200,000	0	0	0	0	0	0
Total Cost	**942,600**	**200,000**	**0**	**364,000**	**378,600**	**0**	**0**	**0**

Funding Schedule:

General Fund	94,300	20,000	0	36,400	37,900	0	0	0
State Grant	848,300	180,000	0	327,600	340,700	0	0	0
Total Funding	**942,600**	**200,000**	**0**	**364,000**	**378,600**	**0**	**0**	**0**

Project Title and Location: **Project Number:** **69**

M. L. Snook Park - Playground Equipment

Account Number:

Description:

Replace older play equipment at Marty Snook Park that is past life span.

Assumption:

Justification:

Replace older equipment at Pavilion #4 with safer modular equipment. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	57,200	0	0	57,200	0	0	0	0
Total Cost	**57,200**	**0**	**0**	**57,200**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	7,700	0	0	7,700	0	0	0	0
State Grant	49,500	0	0	49,500	0	0	0	0
Total Funding	**57,200**	**0**	**0**	**57,200**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 71**
North County Park Development #1

Account Number: **30 11900 REC001**

Description:

Survey, design, excavation of facilities, construction of entrance road, soccer fields, picnic pavilion, restrooms, paved parking lots and playground equipment.

Assumption:

Justification:

Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	12.0	12.0	12.0	12.0	0.0
New Operational Cost			0	96,000	99,800	103,700	107,900	0
New Facilities Cost			0	13,500	14,000	14,500	15,000	0
Gross Operating Cost			0	109,500	113,800	118,200	122,900	0
Net Operating Cost			**0**	**109,500**	**113,800**	**118,200**	**122,900**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,263,635	16,635	0	234,000	324,500	337,500	351,000	0
Engineering/Design	128,100	0	0	128,100	0	0	0	0
Total Cost	**1,391,735**	**16,635**	**0**	**362,100**	**324,500**	**337,500**	**351,000**	**0**

Funding Schedule:

General Fund	251,763	1,663	0	47,100	54,500	67,500	81,000	0
State Grant	1,139,972	14,972	0	315,000	270,000	270,000	270,000	0
Total Funding	**1,391,735**	**16,635**	**0**	**362,100**	**324,500**	**337,500**	**351,000**	**0**

Project Title and Location: **Project Number: 72**
M. L. Snook Park - Softball Field Lighting

Account Number:

Description:
Lighting replacement of existing equipment for two softball fields at ML Snook Park.

Assumption:

Justification:

Necessary due to weathering and age of existing wooden light poles. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	105,300	0	0	0	0	0	105,300	0
Total Cost	**105,300**	**0**	**0**	**0**	**0**	**0**	**105,300**	**0**

Funding Schedule:

General Fund	24,300	0	0	0	0	0	24,300	0
State Grant	81,000	0	0	0	0	0	81,000	0
Total Funding	**105,300**	**0**	**0**	**0**	**0**	**0**	**105,300**	**0**

Project Title and Location: Doub's Woods Park - Overlay Parking Lot

Project Number: 73

Account Number:

Description:

Overlay parking lot at Doub's Woods Park.

Assumption:

Justification:

Existing pavement is showing effects of aging and oxidation. Overlay and other pavement treatments are most cost effective means of repair if completed before advanced deterioration. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	57,800	0	0	57,800	0	0	0	0
Total Cost	**57,800**	**0**	**0**	**57,800**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	7,800	0	0	7,800	0	0	0	0
State Grant	50,000	0	0	50,000	0	0	0	0
Total Funding	**57,800**	**0**	**0**	**57,800**	**0**	**0**	**0**	**0**

Project Title and Location: Recreation Center

Project Number: 74

Account Number:

Description:

This project consists of building a Recreation Center to include gymnasium, indoor track, swimming pool with inflatable dome, locker/shower rooms, and Recreation Department Offices. Location for the Recreation Center is to be determined.

Assumption:

Justification:

Due to growth in the community and expected need for additional recreational opportunities. Design of the facility will be in FY 2012 and FY 2013 with the construction anticipated to begir in FY 2014. Pending bond and grant funding.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Engineering/Design	545,200	0	0	0	0	269,200	276,000	0
Total Cost	**545,200**	**0**	**0**	**0**	**0**	**269,200**	**276,000**	**0**

Funding Schedule:

General Fund	95,200	0	0	0	0	44,200	51,000	0
State Grant	450,000	0	0	0	0	225,000	225,000	0
Total Funding	**545,200**	**0**	**0**	**0**	**0**	**269,200**	**276,000**	**0**

Project Title and Location: Clear Spring Little League - Lighting

Project Number: 75

Account Number:

Description:

Lighting facilities that can be used at the little league fields.

Assumption:

Justification:

To address increased demand for evening playing time. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	70,300	0	0	0	70,300	0	0	0
Total Cost	**70,300**	**0**	**0**	**0**	**70,300**	**0**	**0**	**0**

Funding Schedule:

General Fund	11,800	0	0	0	11,800	0	0	0
State Grant	58,500	0	0	0	58,500	0	0	0
Total Funding	**70,300**	**0**	**0**	**0**	**70,300**	**0**	**0**	**0**

Project Title and Location: Clear Spring Park - Biking/Walking Trail

Project Number: 76

Account Number:

Description:

Develop a hiker/biker trail at Clear Spring Park around the perimeter of the park.

Assumption:

Justification:

The park needs an exercise trail for use by all age groups. This concept is consistent with other County parks. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	35,100	0	0	0	0	0	35,100	0
Total Cost	**35,100**	**0**	**0**	**0**	**0**	**0**	**35,100**	**0**

Funding Schedule:

General Fund	8,100	0	0	0	0	0	8,100	0
State Grant	27,000	0	0	0	0	0	27,000	0
Total Funding	**35,100**	**0**	**0**	**0**	**0**	**0**	**35,100**	**0**

Project Title and Location: **Project Number:** **77**

Pen Mar Park - Paved Parking

Account Number:

Description:

Overlay present parking lot and expand paved parking area.

Assumption:

Justification:

Demand for additional parking plus condition of existing parking area. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	28,100	0	0	0	0	28,100	0	0
Total Cost	**28,100**	**0**	**0**	**0**	**0**	**28,100**	**0**	**0**

Funding Schedule:

General Fund	5,600	0	0	0	0	5,600	0	0
State Grant	22,500	0	0	0	0	22,500	0	0
Total Funding	**28,100**	**0**	**0**	**0**	**0**	**28,100**	**0**	**0**

Project Title and Location: **Project Number:** **934**

MLS Park - Walking Trail

Account Number: **30 11900 REC026**

Description:

Excavate, grade and pave 1700 linear feet of new walking trail.
Overlay 3900 linear feet of existing walking trail.

Assumption:

Pending POS Approval

Justification:

The existing path was originally built in the mid 1980's and widened and lengthened in 1994. The existing asphalt has deteriorated due to age and the effects of the weather. The existing path is heavily used by the public daily and it is in the plan of the Parks Department to extend the trail for the entire length of the Park.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	43,000	0	43,000	0	0	0	0	0
Total Cost	**43,000**	**0**	**43,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	4,300	0	4,300	0	0	0	0	0
State Grant	38,700	0	38,700	0	0	0	0	0
Total Funding	**43,000**	**0**	**43,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 937**

MLS Park - Rubberized Playground Mulch

Account Number: 30 11900 REC027

Description:

Remove existing Wood Mulch at Playground Equipment that is used for fall protection and replace with Rubber Mulch product.

Assumption:

Pending POS Approval

Justification:

Existing wood mulch that is used for fall protection deteriorates every season, approximately 600 cubic yards are required each year to replace mulch and bring depths back up to required safety limits/depths. By utilizing Rubber Mulch we can reduce required depths of material and also eliminate yearly need to add additional material. Initial cost is high but the cost for wood mulch has increase 2 fold in the last year and replacement is labor intensive.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	25,000	0	25,000	0	0	0	0	0
Total Cost	**25,000**	**0**	**25,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	2,500	0	2,500	0	0	0	0	0
State Grant	22,500	0	22,500	0	0	0	0	0
Total Funding	**25,000**	**0**	**25,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 983**
Doubs Woods Art Pavilion Roof

Account Number: 30 11900 PVL006

Description:

Replace existing flat roof on the Arts Pavilion with rubberized roofing material due to several leaks developing over the winter.

Assumption:

Justification:

Roof needs replaced before more damage is caused to structure due to water.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	9,600	0	9,600	0	0	0	0	0
Total Cost	**9,600**	**0**	**9,600**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	1,000	0	1,000	0	0	0	0	0
State Grant	8,600	0	8,600	0	0	0	0	0
Total Funding	**9,600**	**0**	**9,600**	**0**	**0**	**0**	**0**	**0**

Public Safety

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
					Five Year Capital Program				
	Cash Requirements								
	Public Safety								
	911 Communications:								
125	Public Safety CAD/Records Management System	1,895,930	778,830	1,117,100	0	0	0	0	0
126	Renovate Emergency Services Offices	1,882,820	1,682,820	200,000	0	0	0	0	0
127	911 Center Computer Equipment	702,200	0	702,200	0	0	0	0	0
	911 Communications Total	**4,480,950**	**2,461,650**	**2,019,300**	**0**	**0**	**0**	**0**	**0**
	Communication Maintenance:								
128	Communications System Replacement	21,786,469	17,671,469	3,545,200	569,800	0	0	0	0
	Communication Maintenance Total	**21,786,469**	**17,671,469**	**3,545,200**	**569,800**	**0**	**0**	**0**	**0**
	Public Works Department:								
129	Renovate State's Attorney's Office (3rd floor COB)	1,593,700	0	0	0	0	0	309,100	1,284,600
	Public Works Department Total	**1,593,700**	**0**	**0**	**0**	**0**	**0**	**309,100**	**1,284,600**
	Sheriff								
	Detention:								
130	Central Booking Facility	3,874,070	1,163,570	2,710,500	0	0	0	0	0
131	Phase 1A - Emergency Housing Unit	2,689,200	0	1,421,000	1,268,200	0	0	0	0
	Detention Total	**6,563,270**	**1,163,570**	**4,131,500**	**1,268,200**	**0**	**0**	**0**	**0**
	Judicial:								
132	Circuit Courthouse Security Improvements	921,890	230,790	691,100	0	0	0	0	0
	Judicial Total	**921,890**	**230,790**	**691,100**	**0**	**0**	**0**	**0**	**0**
	Sheriff Total	**7,485,160**	**1,394,360**	**4,822,600**	**1,268,200**	**0**	**0**	**0**	**0**
	Public Safety Total	**35,346,279**	**21,527,479**	**10,387,100**	**1,838,000**	**0**	**0**	**309,100**	**1,284,600**
	Funding Source - All Projects								
	General Fund	14,046,019	9,878,719	4,167,300	0	0	0	0	0
	Tax Supported Bond	11,842,794	6,551,194	1,859,900	1,838,000	0	0	309,100	1,284,600
	Transfer Tax	1,459,947	1,459,947	0	0	0	0	0	0
	Excise Tax - Other	129,419	129,319	100	0	0	0	0	0
	Unrestricted Excise Tax	1,142,300	1,142,300	0	0	0	0	0	0
	Capital Reserve	2,231,300	0	2,231,300	0	0	0	0	0
	Federal Grant	1,346,000	1,346,000	0	0	0	0	0	0
	State Grant	2,570,000	1,020,000	1,550,000	0	0	0	0	0
	Contributions	578,500	0	578,500	0	0	0	0	0
	Total	**35,346,279**	**21,527,479**	**10,387,100**	**1,838,000**	**0**	**0**	**309,100**	**1,284,600**

Project Title and Location:	**Project Number: 9**
Public Safety CAD/Records Management System	
Account Number: 30 11440 COM018	

Description:

Construction of a fiber optic link to connect the Sheriff's Office with Elliott Parkway (new 911 Center) and consolidation of the computer aided dispatch/records management systems used by Emergency Services, Sheriff's Office, and the City of Hagerstown Police Department. Purchase and installation of replacement computer servers capable of high-speed redundant service necessary in the public safety environment.

Assumption:

Fiber connectivity is necessary for system speed and reliability. $600,000 in additional funding secured through a Homeland Security Grant.

Justification:

Existing CAD hardware/software support expires in FY 2008. Support for the software operating system will not be available should the system suffer a serious failure. The equipment is exceeding it's useful life expectancy.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			9,000	9,360	9,734	10,124	10,529	0
Debt Service			34,454	0	0	0	0	0
Gross Operating Cost			43,454	9,360	9,734	10,124	10,529	0
Net Operating Cost			**43,454**	**9,360**	**9,734**	**10,124**	**10,529**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,686,730	661,830	1,024,900	0	0	0	0	0
Engineering/Design	120,600	85,000	35,600	0	0	0	0	0
Equipment/Furniture	7,000	7,000	0	0	0	0	0	0
Inspection	56,600	0	56,600	0	0	0	0	0
Relocation Fees	25,000	25,000	0	0	0	0	0	0
Total Cost	**1,895,930**	**778,830**	**1,117,100**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Excise Tax - Other	100	0	100	0	0	0	0	0
General Fund	106,625	28,525	78,100	0	0	0	0	0
State Grant	600,000	0	600,000	0	0	0	0	0
Tax Supported Bond	655,375	216,475	438,900	0	0	0	0	0
Transfer Tax	533,830	533,830	0	0	0	0	0	0
Total Funding	**1,895,930**	**778,830**	**1,117,100**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number: 357**
Renovate Emergency Services Offices	

Account Number: **30 10940 BLD039**

Description:

Renovate and expand the office area for the Department of Emergency Services to include a new 911 call taking and fire/rescue dispatch operations room, emergency operations center, adequate administrative offices, training room for countywide emergency services and electrical/mechanical rooms to accommodate the new 911 telephone system and countywide radio system. This also allows for future consolidation of communication centers.

Assumption:

Justification:

Due to the increase of roles and responsibilities as well as staff size, these renovations are needed. The renovations will provide operating space for the new communications system and allow for future consolidation of police fire/rescue communications centers.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,825,320	1,625,320	200,000	0	0	0	0	0
Engineering/Design	50,000	50,000	0	0	0	0	0	0
Inspection	7,500	7,500	0	0	0	0	0	0
Total Cost	**1,882,820**	**1,682,820**	**200,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Excise Tax - Other	16,816	16,816	0	0	0	0	0	0
General Fund	767,154	567,154	200,000	0	0	0	0	0
State Grant	320,000	320,000	0	0	0	0	0	0
Tax Supported Bond	456,250	456,250	0	0	0	0	0	0
Transfer Tax	322,600	322,600	0	0	0	0	0	0
Total Funding	**1,882,820**	**1,682,820**	**200,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** **942**
911 Center Computer Equipment	
Account Number: **30 11440 COM020**	

Description:

Acquisition and installation of necessary computer equipment for 911 operations for Emergency Medical Services, Fire, and Law Enforcement. Required to purchase additional site license and merge the computer aided dispatch systems within the affected agencies.

Assumption:

None

Justification:

Requirement of State to maintain a backup communications center requires the acquisition of computer equipment along with purchase of necessary site licences and CAD merger for new center. In addition, the new center will provide interoperability for emergency services locally, multi-jurisdictionally, and within State.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Engineering/Design	6,000	0	6,000	0	0	0	0	0
Equipment/Furniture	696,200	0	696,200	0	0	0	0	0
Total Cost	**702,200**	**0**	**702,200**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	562,200	0	562,200	0	0	0	0	0
State Grant	140,000	0	140,000	0	0	0	0	0
Total Funding	**702,200**	**0**	**702,200**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 5**
Communications System Replacement

Account Number: **30 11600 EQP025**

Description:

Replace existing county-wide radio communications equipment including Fixed Network, microwave components, and all mobile/portable equipment. Locations include five tower sites, Emergency Operations Center, Sheriff's Patrol Facility, and all Fire and Rescue stations.

Assumption:

Justification:

Existing system is functionally obsolete and in a fragile state. System is more than 40 years old with many components no longer available. System replacement is vital to maintaining adequate public safety throughout the County as well as enhancing services.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			1.0	1.0	1.0	1.0	1.0	0.0
New Operational Cost			192,700	531,768	541,840	564,912	566,989	0
New Facilities Cost			31,500	35,070	39,122	43,750	49,050	0
Debt Service			0	44,729	0	0	0	0
Gross Operating Cost			224,200	611,567	580,962	608,662	616,039	0
Net Operating Cost			**224,200**	**611,567**	**580,962**	**608,662**	**616,039**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Engineering/Design	311,170	311,170	0	0	0	0	0	0
Equipment/Furniture	21,475,299	17,360,299	3,545,200	569,800	0	0	0	0
Total Cost	**21,786,469**	**17,671,469**	**3,545,200**	**569,800**	**0**	**0**	**0**	**0**

Funding Schedule:

Capital Reserve	2,231,300	0	2,231,300	0	0	0	0	0
Excise Tax - Other	112,503	112,503	0	0	0	0	0	0
Federal Grant	1,346,000	1,346,000	0	0	0	0	0	0
General Fund	10,366,150	9,052,250	1,313,900	0	0	0	0	0
Tax Supported Bond	5,984,699	5,414,899	0	569,800	0	0	0	0
Transfer Tax	603,517	603,517	0	0	0	0	0	0
Unrestricted Excise Tax	1,142,300	1,142,300	0	0	0	0	0	0
Total Funding	**21,786,469**	**17,671,469**	**3,545,200**	**569,800**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 960**

Renovate State's Attorney's Office (3rd floor COB)

Account Number:

Description:

Renovate offices of the State's Attorney located on the 3rd floor of the County Office Building. Upgrade electrical, mechanical, HVAC and construct wall partitions and workstation office environment conducive for normal work flow.

Assumption:

Justification:

Existing floor plan is not efficient for office layout and activity associated with the State's Attorney's operation. Electrical and mechanical systems have exceeded useful life expectancy and need significant maintenance and/or replacement.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	24,264	100,841
Gross Operating Cost			0	0	0	0	24,264	100,841
Net Operating Cost			**0**	**0**	**0**	**0**	**24,264**	**100,841**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,216,700	0	0	0	0	0	0	1,216,700
Engineering/Design	309,100	0	0	0	0	0	309,100	0
Equipment/Furniture	0	0	0	0	0	0	0	0
Inspection	67,900	0	0	0	0	0	0	67,900
Total Cost	**1,593,700**	**0**	**0**	**0**	**0**	**0**	**309,100**	**1,284,600**

Funding Schedule:

Tax Supported Bond	1,593,700	0	0	0	0	0	309,100	1,284,600
Total Funding	**1,593,700**	**0**	**0**	**0**	**0**	**0**	**309,100**	**1,284,600**

Project Title and Location: Central Booking Facility

Project Number: 8

Account Number: 30 11320 BLD047

Description:

Centralized Booking requires adding onto the Detention Center and redesign of the existing Administrative area. Some of the funding for the project could come from the State if funds are available at the time of the project.

Assumption:

Central Booking could have impact on the per diem reimbursement. Operational funding will be impacted.

Justification:

Centralized Booking will allow law enforcement to spend more time patrolling and less time processing prisoners and doing paperwork when arrests are made in Washington County. This provides a better deployment of law enforcement resources. It also streamlines the prisoner booking process.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			10.0	10.0	10.0	10.0	10.0	0.0
New Operational Cost			438,415	462,528	487,967	514,805	543,119	0
New Facilities Cost			50,000	53,000	57,000	60,000	64,000	0
Gross Operating Cost			488,415	515,528	544,967	574,805	607,119	0
Net Operating Cost			**488,415**	**515,528**	**544,967**	**574,805**	**607,119**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	3,400,000	1,000,000	2,400,000	0	0	0	0	0
Engineering/Design	169,570	163,570	6,000	0	0	0	0	0
Equipment/Furniture	154,500	0	154,500	0	0	0	0	0
Inspection	150,000	0	150,000	0	0	0	0	0
Total Cost	**3,874,070**	**1,163,570**	**2,710,500**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Contributions	578,500	0	578,500	0	0	0	0	0
General Fund	1,432,000	0	1,432,000	0	0	0	0	0
State Grant	1,400,000	700,000	700,000	0	0	0	0	0
Tax Supported Bond	463,570	463,570	0	0	0	0	0	0
Total Funding	**3,874,070**	**1,163,570**	**2,710,500**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: | **Project Number:** 973

Phase 1A - Emergency Housing Unit

Account Number: 30 11320 BLD059

Description:

This request is for a 96 bed modular steel building that provides dormitory style housing for inmates. This type of building has a lifespan of 25 years and can be constructed and installed in a relatively short time frame.

Assumption:

Justification:

The Washington County Detention Center is presently housing more inmates than the present facility is designed to handle. This creates a huge security and liability risk for the Detention Center and the County. Therefore, it is being requested that a 96 bed Temporary Emergency Housing Unit be constructed to alleviate the overcrowding conditions and provide a small buffer to provide the time needed to obtain State funding for the remaining phases of Detention Center expansion.

This is being requested as a modular facility which can be constructed in a relatively short time frame and at a substantially reduced cost. There is not enough time to seek State funding for this project since the bed space is needed now.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			11.0	0.0	0.0	0.0	0.0	0.0
Debt Service			111,549	99,554	0	0	0	0
Gross Operating Cost			111,549	99,554	0	0	0	0
Net Operating Cost			**111,549**	**99,554**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	2,244,400	0	1,089,000	1,155,400	0	0	0	0
Engineering/Design	132,000	0	132,000	0	0	0	0	0
Equipment/Furniture	112,800	0	0	112,800	0	0	0	0
Planning	200,000	0	200,000	0	0	0	0	0
Total Cost	**2,689,200**	**0**	**1,421,000**	**1,268,200**	**0**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	2,689,200	0	1,421,000	1,268,200	0	0	0	0
Total Funding	**2,689,200**	**0**	**1,421,000**	**1,268,200**	**0**	**0**	**0**	**0**

Project Title and Location: Circuit Courthouse Security Improvements

Project Number: 981

Account Number: 30 11300 BLD056

Description:

This project addresses the security concerns raised in the security survey conducted by the National State Courts in October 2006 at the Washington County Circuit Courthouse.

Assumption:

Justification:

In October 2006 the National State Courts conducted a security survey of the Washington County Circuit Courthouse. Several areas of concern were identified in this survey that are to be addressed by this Project; the creation of a sally port entrance for prisoner transports, CCTV cameras throughout the courthouse and courtrooms, and general improvements for the movement of prisoners throughout the building. This project should bring the Courthouse into compliance with the security concerns identified in the security survey.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Architect Fees	114,000	114,000	0	0	0	0	0	0
Construction	713,990	116,790	597,200	0	0	0	0	0
Contingency	43,900	0	43,900	0	0	0	0	0
Utilities	50,000	0	50,000	0	0	0	0	0
Total Cost	**921,890**	**230,790**	**691,100**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	811,890	230,790	581,100	0	0	0	0	0
State Grant	110,000	0	110,000	0	0	0	0	0
Total Funding	**921,890**	**230,790**	**691,100**	**0**	**0**	**0**	**0**	**0**

Railroad Crossings

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Railroad Crossings								
134	Trovinger Mill Road	297,500	45,000	0	5,100	247,400	0	0	0
135	Little Antietam Road	277,000	0	0	0	42,000	235,000	0	0
136	Mondell Road	314,200	0	0	0	66,200	248,000	0	0
137	Taylors Landing Road	387,200	0	0	0	15,800	371,400	0	0
	Railroad Crossings Total	**1,275,900**	**45,000**	**0**	**5,100**	**371,400**	**854,400**	**0**	**0**
	TOTAL	**1,275,900**	**45,000**	**0**	**5,100**	**371,400**	**854,400**	**0**	**0**
	Funding Source - All Projects								
	General Fund	491,000	45,000	0	0	124,000	322,000	0	0
	Tax Supported Bond	784,900	0	0	5,100	247,400	532,400	0	0
	Total	**1,275,900**	**45,000**	**0**	**5,100**	**371,400**	**854,400**	**0**	**0**

Project Title and Location: **Project Number: 27**

Trovinger Mill Road

Account Number: **30 11610 RDI038**

Description:

Flatten the approach road grades to the railroad crossing, install pavement markings and signing, 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.

Assumption:

Justification:

Needed to improve vehicular safety at this existing railroad crossing.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	400	19,421	0	0	0
Gross Operating Cost			0	400	19,421	0	0	0
Net Operating Cost			**0**	**400**	**19,421**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	201,200	0	0	0	201,200	0	0	0
Inspection	37,800	0	0	0	37,800	0	0	0
Land Acquisition	50,100	45,000	0	5,100	0	0	0	0
Utilities	8,400	0	0	0	8,400	0	0	0
Total Cost	**297,500**	**45,000**	**0**	**5,100**	**247,400**	**0**	**0**	**0**

Funding Schedule:

General Fund	45,000	45,000	0	0	0	0	0	0
Tax Supported Bond	252,500	0	0	5,100	247,400	0	0	0
Total Funding	**297,500**	**45,000**	**0**	**5,100**	**247,400**	**0**	**0**	**0**

Project Title and Location: **Project Number: 28**

Little Antietam Road

Account Number:

Description:

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.

Assumption:

Justification:

Needed to improve vehicular safety at this existing railroad crossing.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	18,448	0	0
Gross Operating Cost			0	0	0	18,448	0	0
Net Operating Cost			**0**	**0**	**0**	**18,448**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	209,200	0	0	0	0	209,200	0	0
Inspection	25,800	0	0	0	0	25,800	0	0
Land Acquisition	35,700	0	0	0	35,700	0	0	0
Utilities	6,300	0	0	0	6,300	0	0	0
Total Cost	**277,000**	**0**	**0**	**0**	**42,000**	**235,000**	**0**	**0**

Funding Schedule:

General Fund	42,000	0	0	0	42,000	0	0	0
Tax Supported Bond	235,000	0	0	0	0	235,000	0	0
Total Funding	**277,000**	**0**	**0**	**0**	**42,000**	**235,000**	**0**	**0**

Project Title and Location:	**Project Number: 30**
Mondell Road	

Account Number:

Description:

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.

Assumption:

Justification:

Needed to improve vehicular safety at this existing railroad crossing.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	19,468	0	0
Gross Operating Cost			0	0	0	19,468	0	0
Net Operating Cost			**0**	**0**	**0**	**19,468**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	209,200	0	0	0	0	209,200	0	0
Inspection	38,800	0	0	0	0	38,800	0	0
Land Acquisition	66,200	0	0	0	66,200	0	0	0
Total Cost	**314,200**	**0**	**0**	**0**	**66,200**	**248,000**	**0**	**0**

Funding Schedule:

General Fund	66,200	0	0	0	66,200	0	0	0
Tax Supported Bond	248,000	0	0	0	0	248,000	0	0
Total Funding	**314,200**	**0**	**0**	**0**	**66,200**	**248,000**	**0**	**0**

Project Title and Location: **Project Number: 31**
Taylors Landing Road

Account Number:

Description:

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.

Assumption:

Justification:

Needed to improve vehicular safety at this existing railroad crossing.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	3,878	0	0
Gross Operating Cost			0	0	0	3,878	0	0
Net Operating Cost			**0**	**0**	**0**	**3,878**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	324,000	0	0	0	0	324,000	0	0
Inspection	38,800	0	0	0	0	38,800	0	0
Land Acquisition	15,800	0	0	0	15,800	0	0	0
Utilities	8,600	0	0	0	0	8,600	0	0
Total Cost	**387,200**	**0**	**0**	**0**	**15,800**	**371,400**	**0**	**0**

Funding Schedule:

General Fund	337,800	0	0	0	15,800	322,000	0	0
Tax Supported Bond	49,400	0	0	0	0	49,400	0	0
Total Funding	**387,200**	**0**	**0**	**0**	**15,800**	**371,400**	**0**	**0**

Road Improvements

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Road Improvement								
139A	Maugans Avenue II	4,981,600	0	0	0	0	0	1,374,300	3,607,300
139	Pavement Maintenance and Rehabilitation Program	30,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
140	Robinwood Corridor II	6,851,300	1,245,000	3,031,000	2,575,300	0	0	0	0
141	Robinwood North	1,782,873	692,073	0	0	262,700	269,200	276,000	282,900
142	Halfway & Massey Boulevards Intersection	6,239,660	2,840,660	3,399,000	0	0	0	0	0
143	Marsh Pike/Longmeadow Road Intersection	2,791,000	610,000	1,765,000	416,000	0	0	0	0
144	Edgewood Drive @ US Route 40	7,150,198	6,522,198	628,000	0	0	0	0	0
145	Longmeadow Road	3,348,700	40,000	0	0	0	236,900	1,345,500	1,726,300
147	Eastern Boulevard Extended	3,042,750	110,250	0	154,800	1,827,900	949,800	0	0
148	Hebb Road & US Route 40 Improvements	849,500	0	0	0	0	323,100	526,400	0
149	US 40 and Mt. Aetna Road Intersection	1,993,000	1,594,000	399,000	0	0	0	0	0
150	Shawley Drive	2,178,300	0	0	0	0	0	2,178,300	0
151	Southern Boulevard I	6,114,400	0	1,429,000	4,685,400	0	0	0	0
152	Burnside Bridge Road Stream Bank Stabilization	440,000	0	440,000	0	0	0	0	0
153	Broadfording Road Spot Improvements (GG Blvd to MD 63)	2,609,100	0	0	0	0	0	1,842,900	766,200
154	E. Oak Ridge Drive/South Pointe Signal	330,300	0	0	0	330,300	0	0	0
155	Full Depth Reclamation of Various Roads	1,078,300	0	0	0	1,078,300	0	0	0
156	Eastern Boulevard Widening Phase I	6,487,900	0	575,000	896,900	2,886,100	2,129,900	0	0
157	Eastern Blvd Widening Phase II	14,266,400	0	0	0	1,155,700	3,177,900	6,342,400	3,590,400
	Road Improvement Total	**102,535,281**	**13,654,181**	**16,666,000**	**13,728,400**	**12,541,000**	**12,086,800**	**18,885,800**	**14,973,100**
	Funding Source - All Projects								
	General Fund	24,632,900	3,576,000	6,946,900	4,275,600	276,000	1,863,000	4,684,400	3,011,000
	Tax Supported Bond	54,697,818	3,152,018	5,250,700	6,814,000	10,285,700	8,037,500	11,589,100	9,568,800
	Transfer Tax	451,073	451,073	0	0	0	0	0	0
	Excise Tax - Roads	7,924,800	1,325,000	772,300	875,300	979,300	1,186,300	1,393,300	1,393,300
	Excise Tax - Non-Residential	6,250,000	250,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Capital Reserve	696,100	0	696,100	0	0	0	0	0
	Federal Grant	1,469,660	1,469,660	0	0	0	0	0	0
	State Grant	4,173,500	1,410,000	2,000,000	763,500	0	0	0	0
	Contributions	2,239,430	2,020,430	0	0	0	0	219,000	0
	Total	**102,535,281**	**13,654,181**	**16,666,000**	**13,728,400**	**12,541,000**	**12,086,800**	**18,885,800**	**14,973,100**

Project Title and Location: **Project Number: 23**
Maugans Avenue II

Account Number:

Description:

Project consists of widening the existing Maugans Avenue from I-81 into the village of Maugansville from the existing two lanes to a three lane section (one lane each direction with a center two-way left turn lane). Additionally drainage, traffic control and entrance improvements will be made as part of the project.

Assumption:

Justification:

Needed to provide additional road capacity resulting from continued and forecasted development in this area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	107,883	46,810
Gross Operating Cost			0	0	0	0	107,883	46,810
Net Operating Cost			**0**	**0**	**0**	**0**	**107,883**	**46,810**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	3,460,200	0	0	0	0	0	0	3,460,200
Engineering/Design	27,600	0	0	0	0	0	27,600	0
Inspection	147,100	0	0	0	0	0	0	147,100
Land Acquisition	827,900	0	0	0	0	0	827,900	0
Utilities	518,800	0	0	0	0	0	518,800	0
Total Cost	**4,981,600**	**0**	**0**	**0**	**0**	**0**	**1,374,300**	**3,607,300**

Funding Schedule:

General Fund	3,011,000	0	0	0	0	0	0	3,011,000
Tax Supported Bond	1,970,600	0	0	0	0	0	1,374,300	596,300
Total Funding	**4,981,600**	**0**	**0**	**0**	**0**	**0**	**1,374,300**	**3,607,300**

Project Title and Location: Pavement Maintenance and Rehabilitation Program

Project Number: 13

Account Number: 30 20010 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			253,374	245,289	237,125	220,875	204,626	204,626
Gross Operating Cost			253,374	245,289	237,125	220,875	204,626	204,626
Net Operating Cost			**253,374**	**245,289**	**237,125**	**220,875**	**204,626**	**204,626**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	30,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Total Cost	**30,000,000**	**0**	**5,000,000**	**5,000,000**	**5,000,000**	**5,000,000**	**5,000,000**	**5,000,000**

Funding Schedule:

Excise Tax - Non-Residential	6,000,000	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Excise Tax - Roads	6,599,800	0	772,300	875,300	979,300	1,186,300	1,393,300	1,393,300
Tax Supported Bond	17,400,200	0	3,227,700	3,124,700	3,020,700	2,813,700	2,606,700	2,606,700
Total Funding	**30,000,000**	**0**	**5,000,000**	**5,000,000**	**5,000,000**	**5,000,000**	**5,000,000**	**5,000,000**

Project Title and Location:	**Project Number:** 14
Robinwood Corridor II	
Account Number: 30 11610 RDI022	

Description:

Widen Robinwood Drive to four lanes between Medical Campus Drive and Hagerstown Community College (approximately 4,100'). New road section will consist of two 12 foot wide lanes in each direction with a raised grassed median and closed storm drain system..

Assumption:

Construction of water and/or sewer lines are 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.

Justification:

Needed to provide additional road capacity resulting from continued development in this area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	132,641	0	0	0	0
Gross Operating Cost			0	132,641	0	0	0	0
Net Operating Cost			**0**	**132,641**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	4,903,400	0	2,734,000	2,169,400	0	0	0	0
Engineering/Design	483,000	389,000	94,000	0	0	0	0	0
Inspection	98,400	0	0	98,400	0	0	0	0
Land Acquisition	1,059,000	856,000	203,000	0	0	0	0	0
Utilities	307,500	0	0	307,500	0	0	0	0
Total Cost	**6,851,300**	**1,245,000**	**3,031,000**	**2,575,300**	**0**	**0**	**0**	**0**

Funding Schedule:

Capital Reserve	696,100	0	696,100	0	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	445,000	445,000	0	0	0	0	0	0
General Fund	3,520,500	300,000	2,334,900	885,600	0	0	0	0
Tax Supported Bond	1,889,700	200,000	0	1,689,700	0	0	0	0
Total Funding	**6,851,300**	**1,245,000**	**3,031,000**	**2,575,300**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number: 15**
Robinwood North	
Account Number: **30 11610 RDI033**	

Description:

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.

Assumption:

Although full County funding is shown, it is possible that developer contributions may be forthcoming due to APFO obligations. Water and/or sewer lines are not included in the cost estimate.

Justification:

Needed to provide additional road capacity resulting from continued development in the area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	20,622	21,132	21,666	22,208
Gross Operating Cost			0	0	20,622	21,132	21,666	22,208
Net Operating Cost			**0**	**0**	**20,622**	**21,132**	**21,666**	**22,208**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	0	0	0	0	0	0	0	0
Engineering/Design	241,000	241,000	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0	0
Land Acquisition	1,541,873	451,073	0	0	262,700	269,200	276,000	282,900
Utilities	0	0	0	0	0	0	0	0
Total Cost	**1,782,873**	**692,073**	**0**	**0**	**262,700**	**269,200**	**276,000**	**282,900**

Funding Schedule:

General Fund	241,000	241,000	0	0	0	0	0	0
Tax Supported Bond	1,090,800	0	0	0	262,700	269,200	276,000	282,900
Transfer Tax	451,073	451,073	0	0	0	0	0	0
Total Funding	**1,782,873**	**692,073**	**0**	**0**	**262,700**	**269,200**	**276,000**	**282,900**

Project Title and Location: **Project Number: 16**

Halfway & Massey Boulevards Intersection

Account Number: **30 11610 RDI009**

Description:

Project consists of adding additional lanes at the intersection to increase capacity and safety. Intersection will consist of double left turn lanes, double through lanes and single right turn lanes in all directions. Sidewalks will also be added in several areas to improve pedestrian access.

Assumption:

Federal ($1,469,660) and State ($2,000,000) funding is assumed for this project.

Justification:

Needed to provide additional road capacity resulting from continued development in this area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			143,508	143,508	143,508	143,508	143,508	0
Gross Operating Cost			143,508	143,508	143,508	143,508	143,508	0
Net Operating Cost			**143,508**	**143,508**	**143,508**	**143,508**	**143,508**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	3,992,660	713,660	3,279,000	0	0	0	0	0
Engineering/Design	265,000	265,000	0	0	0	0	0	0
Inspection	120,000	0	120,000	0	0	0	0	0
Land Acquisition	1,652,000	1,652,000	0	0	0	0	0	0
Utilities	210,000	210,000	0	0	0	0	0	0
Total Cost	**6,239,660**	**2,840,660**	**3,399,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Contributions	250,000	250,000	0	0	0	0	0	0
Excise Tax - Roads	2,800	2,800	0	0	0	0	0	0
Federal Grant	1,469,660	1,469,660	0	0	0	0	0	0
General Fund	1,684,000	285,000	1,399,000	0	0	0	0	0
State Grant	2,000,000	0	2,000,000	0	0	0	0	0
Tax Supported Bond	833,200	833,200	0	0	0	0	0	0
Total Funding	**6,239,660**	**2,840,660**	**3,399,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 17**
Marsh Pike/Longmeadow Road Intersection

Account Number: **30 11610 RDI036**

Description:

Capacity enhancement at signalized intersection. Work includes additional turning lanes, traffic signal reconstruction and the placement of sidewalks to facilitate pedestrian movements.

Assumption:

Although full County funding is shown, developer contributions my occur due to APFO obligations.

Justification:

Needed to provide additional road capacity resulting from continued and forecasted development in this area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	32,656	0	0	0	0
Gross Operating Cost			0	32,656	0	0	0	0
Net Operating Cost			**0**	**32,656**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,216,000	0	800,000	416,000	0	0	0	0
Engineering/Design	170,000	65,000	105,000	0	0	0	0	0
Inspection	100,000	0	100,000	0	0	0	0	0
Land Acquisition	1,055,000	495,000	560,000	0	0	0	0	0
Unknown	50,000	50,000	0	0	0	0	0	0
Utilities	200,000	0	200,000	0	0	0	0	0
Total Cost	**2,791,000**	**610,000**	**1,765,000**	**416,000**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	1,850,000	85,000	1,765,000	0	0	0	0	0
State Grant	525,000	525,000	0	0	0	0	0	0
Tax Supported Bond	416,000	0	0	416,000	0	0	0	0
Total Funding	**2,791,000**	**610,000**	**1,765,000**	**416,000**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 18
Edgewood Drive @ US Route 40	
Account Number: 30 11610 RDI016	

Description:

Widen Edgewood Drive to a five lane urban section between Mt. Aetna and US Route 40. Reconstruct each leg of US Route 40 intersection. Includes major reconstruction of Edgewood Drive legs and additional signalization. Only County share is shown as road is State owned and not a County asset. Project will be managed by SHA.

Assumption:

Intersection design cost is a 33% County -33% State -33% City funding match. Construction, R/W and utility costs for the intersection have generally a 30% County, 50% State and 20% City match. Actual cost share is covered by an MOU. All costs for Edgewood Dr. from Langley Drive to Mt. Aetna Road are 100% County funded.

Justification:

Necessary to provide additional road capacity resulting from continued development in this area. Pending grant funding approval.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			47,807	0	0	0	0	0
Gross Operating Cost			47,807	0	0	0	0	0
Net Operating Cost			**47,807**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	3,230,000	2,967,000	263,000	0	0	0	0	0
Engineering/Design	323,000	300,000	23,000	0	0	0	0	0
Inspection	496,000	419,000	77,000	0	0	0	0	0
Land Acquisition	2,912,198	2,725,198	187,000	0	0	0	0	0
Utilities	189,000	111,000	78,000	0	0	0	0	0
Total Cost	**7,150,198**	**6,522,198**	**628,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Contributions	1,720,430	1,720,430	0	0	0	0	0	0
Excise Tax - Roads	877,200	877,200	0	0	0	0	0	0
General Fund	1,935,000	1,916,000	19,000	0	0	0	0	0
Tax Supported Bond	2,617,568	2,008,568	609,000	0	0	0	0	0
Total Funding	**7,150,198**	**6,522,198**	**628,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number: 20**
Longmeadow Road	

Account Number: **30 11610 RDI037**

Description:

Capacity enhancement on Longmeadow Road. Project includes the installation of a new traffic signal at the intersection with Paradise Church Road and the widening of Longmeadow Road to three lanes between Marsh Pike and Pulaski Drive. The roadway will be an open section roadway with one lane in each direction and a continuous center left turn lane.

Assumption:

Justification:

Needed to provide additional road capacity resulting from continued and forecasted development in this area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	18,597	105,622	135,515
Gross Operating Cost			0	0	0	18,597	105,622	135,515
Net Operating Cost			**0**	**0**	**0**	**18,597**	**105,622**	**135,515**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,563,400	0	0	0	0	0	0	1,563,400
Engineering/Design	276,900	40,000	0	0	0	236,900	0	0
Inspection	162,900	0	0	0	0	0	0	162,900
Land Acquisition	1,014,400	0	0	0	0	0	1,014,400	0
Utilities	331,100	0	0	0	0	0	331,100	0
Total Cost	**3,348,700**	**40,000**	**0**	**0**	**0**	**236,900**	**1,345,500**	**1,726,300**

Funding Schedule:

General Fund	40,000	40,000	0	0	0	0	0	0
Tax Supported Bond	3,308,700	0	0	0	0	236,900	1,345,500	1,726,300
Total Funding	**3,348,700**	**40,000**	**0**	**0**	**0**	**236,900**	**1,345,500**	**1,726,300**

Project Title and Location: **Project Number: 21**

Eastern Boulevard Extended

Account Number: 30 11610 RDI039

Description:

A new 4 lane roadway connecting Eastern Blvd. at Antietam Drive to the Leitersburg Pike/Marsh Pike intersection. Road length is approximately 6400 lineal feet. Project is considered a joint City/County project. Two major intersection improvements are included in the project for traffic signalization (Md Rt 60 at Eastern Blvd Extended and Eastern Blvd at Antietam Drive).

Assumption:

Complete project cost is estimated to be $606,000 for design, $9,250,000 for construction and $230,000 for inspection. Cost share assumed is 25% City, 25% County and 50% Developer. The majority of right-of-way is assumed to be donated/dedicated. Project is tied to the relocation of Old Forge Road which is a private development driven project.

Justification:

Needed to relieve congestion at the Eastern Blvd./Northern Ave./MD 60 intersection and MD 60 to Marsh Pike. New road is considered a significant enhancement to the transportation network that will enhance travel in the northeastern section of the Hagerstown area by increasing capacity, improving safety and providing access to developable land including a parcel planned for a future county park.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	12,152	121,824	74,559	0	0
Gross Operating Cost			0	12,152	121,824	74,559	0	0
Net Operating Cost			**0**	**12,152**	**121,824**	**74,559**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	2,534,100	0	0	0	1,667,200	866,900	0	0
Engineering/Design	265,050	110,250	0	154,800	0	0	0	0
Inspection	243,600	0	0	0	160,700	82,900	0	0
Total Cost	**3,042,750**	**110,250**	**0**	**154,800**	**1,827,900**	**949,800**	**0**	**0**

Funding Schedule:

General Fund	276,000	0	0	0	276,000	0	0	0
Tax Supported Bond	2,766,750	110,250	0	154,800	1,551,900	949,800	0	0
Total Funding	**3,042,750**	**110,250**	**0**	**154,800**	**1,827,900**	**949,800**	**0**	**0**

Project Title and Location:	**Project Number: 22**
Hebb Road & US Route 40 Improvements	
Account Number:	

Description:

Spot road improvements along Hebb Road and intersection improvements at US Route 40. State owned road. Project details are unknown at this time although project is assumed to widen and improve both horizontal and vertical alignment along Hebb Road between US 40 and Funkstown.

Assumption:

Only County share shown for larger State Highway Administration project at the intersection with joint participation by the City of Hagerstown. Actual timing of the project need will depend upon developer activity in this area, most likely within the city limits. Project may become tied to the City's Paul Smith Blvd. project.

Justification:

Needed to address safety and capacity issues on this portion of the public road system.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	2,033	19,656	0
Gross Operating Cost			0	0	0	2,033	19,656	0
Net Operating Cost			**0**	**0**	**0**	**2,033**	**19,656**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	526,400	0	0	0	0	0	526,400	0
Engineering/Design	107,700	0	0	0	0	107,700	0	0
Land Acquisition	215,400	0	0	0	0	215,400	0	0
Total Cost	**849,500**	**0**	**0**	**0**	**0**	**323,100**	**526,400**	**0**

Funding Schedule:

General Fund	573,200	0	0	0	0	297,200	276,000	0
Tax Supported Bond	276,300	0	0	0	0	25,900	250,400	0
Total Funding	**849,500**	**0**	**0**	**0**	**0**	**323,100**	**526,400**	**0**

Project Title and Location: **Project Number: 24**

US 40 and Mt. Aetna Road Intersection

Account Number: 30 11610 RDI031

Description:

Project involves capacity enhancements at the existing intersection. Project consists of creating a double left turn lane onto Mt. Aetna Road from US 40 and a double right turn lane onto US 40 from Mt. Aetna Road. The additional southbound lane on Mt. Aetna Road will extend to the intersection with Yale Drive.

Assumption:

$885,000 of State Aid in lieu of federal funding is proposed for this project.

Justification:

Needed to provide additional intersection capacity for traffic volume increases resulting from continued development in the area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			31,322	0	0	0	0	0
Gross Operating Cost			31,322	0	0	0	0	0
Net Operating Cost			**31,322**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,616,000	1,223,000	393,000	0	0	0	0	0
Engineering/Design	135,000	135,000	0	0	0	0	0	0
Inspection	72,000	66,000	6,000	0	0	0	0	0
Land Acquisition	70,000	70,000	0	0	0	0	0	0
Utilities	100,000	100,000	0	0	0	0	0	0
Total Cost	**1,993,000**	**1,594,000**	**399,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	709,000	709,000	0	0	0	0	0	0
State Grant	885,000	885,000	0	0	0	0	0	0
Tax Supported Bond	399,000	0	399,000	0	0	0	0	0
Total Funding	**1,993,000**	**1,594,000**	**399,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 25**

Shawley Drive

Account Number:

Description:

Project involves the relocation of the northern most end of Shawley Drive between Label Lane and Maugans Ave. so that it aligns with Oliver Drive. The road will be a two lane open section roadway. Due to a developer agreement, the right of way will be provided at no cost to the County.

Assumption:

$219,000 in developer contributions are required as part of an executed APFO agreement.

Justification:

Needed to improve safety as the current intersection with Maugans Ave. is too close to the I-81 southbound on ramp.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	153,805	0
Gross Operating Cost			0	0	0	0	153,805	0
Net Operating Cost			**0**	**0**	**0**	**0**	**153,805**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	2,002,800	0	0	0	0	0	2,002,800	0
Inspection	132,500	0	0	0	0	0	132,500	0
Utilities	43,000	0	0	0	0	0	43,000	0
Total Cost	**2,178,300**	**0**	**0**	**0**	**0**	**0**	**2,178,300**	**0**

Funding Schedule:

Contributions	219,000	0	0	0	0	0	219,000	0
Tax Supported Bond	1,959,300	0	0	0	0	0	1,959,300	0
Total Funding	**2,178,300**	**0**	**0**	**0**	**0**	**0**	**2,178,300**	**0**

Project Title and Location: | **Project Number:** 26

Southern Boulevard I

Account Number: **30 11620 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 a signalized intersection at Frederick Street.

Assumption:

Design details are unknown at this time, but the budget shown hereon assume a two lane open section roadway with R/W obtained for an ultimate 4 lane roadway. Full project costs are shown, but funding is assumed to involve 25% County, 50% State and 25% Federal cost sharing. Specific state and federal funding sources have not been identified.

Justification:

Needed to provide congestion relieve through Funkstown and help accommodate increased traffic volumes from ongoing development in this area.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	41,754	0	0	0	0
Gross Operating Cost			0	41,754	0	0	0	0
Net Operating Cost			**0**	**41,754**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	4,345,100	0	0	4,345,100	0	0	0	0
Engineering/Design	318,000	0	318,000	0	0	0	0	0
Inspection	135,300	0	0	135,300	0	0	0	0
Land Acquisition	1,111,000	0	1,111,000	0	0	0	0	0
Utilities	205,000	0	0	205,000	0	0	0	0
Total Cost	**6,114,400**	**0**	**1,429,000**	**4,685,400**	**0**	**0**	**0**	**0**

Funding Schedule:

General Fund	4,819,000	0	1,429,000	3,390,000	0	0	0	0
State Grant	763,500	0	0	763,500	0	0	0	0
Tax Supported Bond	531,900	0	0	531,900	0	0	0	0
Total Funding	**6,114,400**	**0**	**1,429,000**	**4,685,400**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 956**

Burnside Bridge Road Stream Bank Stabilization

Account Number: **30 11620 RDI041**

Description:

Project involves stabilizing the stream bank of the Antietam Creek that is threatening to damage to adjacent road section of Burnside Bridge Road. The stabilization effort will include the use of rip rap and gabions. As this location (approximately 0.7 mile north of the intersection with Churchy Road) is located within the Antietam National Battlefield, park approval is required. Army Corps of Engineers and Maryland Department of the Environment permits/approvals are also required.

Assumption:

The project is assumed to be locally funded at this time.

Justification:

Without the subject project, continued stream bank erosion will jeopardize the integrity of the road forcing the County to close the road to all traffic. Project is nearing emergency conditions. A significant flooding event could cause the road to be closed due to loss of road by erosion.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			34,540	0	0	0	0	0
Gross Operating Cost			34,540	0	0	0	0	0
Net Operating Cost			**34,540**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	400,000	0	400,000	0	0	0	0	0
Inspection	29,000	0	29,000	0	0	0	0	0
Land Acquisition	5,000	0	5,000	0	0	0	0	0
Utilities	6,000	0	6,000	0	0	0	0	0
Total Cost	**440,000**	**0**	**440,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	440,000	0	440,000	0	0	0	0	0
Total Funding	**440,000**	**0**	**440,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 961**

Broadfording Road Spot Improvements (GG Blvd to MD 63)

Account Number:

Description:

Spot road improvements to Broadfording Road between Garland Groh Blvd and Maryland Route 63. Ten locations correcting vertical curves (blind hills), horizontal curves and road widening.

Assumption:

Justification:

Broadfording Road has at least ten locations that have been identified as inadequate as defined in the Road Adequacy Policy". Development in the vicinity has caused an increase in traffic and contributions from developers to complete the improvements.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	144,668	60,147
Gross Operating Cost			0	0	0	0	144,668	60,147
Net Operating Cost			**0**	**0**	**0**	**0**	**144,668**	**60,147**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,857,300	0	0	0	0	0	1,169,900	687,400
Engineering/Design	69,900	0	0	0	0	0	34,500	35,400
Inspection	85,800	0	0	0	0	0	42,400	43,400
Land Acquisition	596,100	0	0	0	0	0	596,100	0
Total Cost	**2,609,100**	**0**	**0**	**0**	**0**	**0**	**1,842,900**	**766,200**

Funding Schedule:

Tax Supported Bond	2,609,100	0	0	0	0	0	1,842,900	766,200
Total Funding	**2,609,100**	**0**	**0**	**0**	**0**	**0**	**1,842,900**	**766,200**

Project Title and Location: **Project Number: 964**

E. Oak Ridge Drive/South Pointe Signal

Account Number:

Description:

Construct a traffic signal at the intersection of E. Oak Ridge Drive and South Pointe Drive/Oakmont Drive.

Assumption:

Although full County funding is shown, it is assumed that a significant developer contribution will be forthcoming due to APFO obligations. The signal does not currently meet the appropriate signal warrants; however, it is assumed new development will cause the need for the signal.

Justification:

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

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	25,929	0	0	0
Gross Operating Cost			0	0	25,929	0	0	0
Net Operating Cost			**0**	**0**	**25,929**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	162,200	0	0	0	162,200	0	0	0
Engineering/Design	36,800	0	0	0	36,800	0	0	0
Inspection	26,300	0	0	0	26,300	0	0	0
Land Acquisition	52,500	0	0	0	52,500	0	0	0
Utilities	52,500	0	0	0	52,500	0	0	0
Total Cost	**330,300**	**0**	**0**	**0**	**330,300**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	330,300	0	0	0	330,300	0	0	0
Total Funding	**330,300**	**0**	**0**	**0**	**330,300**	**0**	**0**	**0**

Project Title and Location: **Project Number: 966**

Full Depth Reclamation of Various Roads

Account Number:

Description:

Reconstruct roads wich have exceeded thier service life with full depth pavement reclamation and overlay.

Assumption:

The actual road(s) selected have yet to be determined. The full project scope (drainage, superelevations, cross slope, etc.) will be determined once the road(s) are known. The tentative list includes Kemps Mill Road, Gapland Road, Abbey Lane, and Tandy Drive.

Justification:

The selected roads have deteriorated to a condition that makes the reclamation process the most cost effective means of addressing them.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	84,647	0	0	0
Gross Operating Cost			0	0	84,647	0	0	0
Net Operating Cost			**0**	**0**	**84,647**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	964,800	0	0	0	964,800	0	0	0
Engineering/Design	10,500	0	0	0	10,500	0	0	0
Inspection	50,400	0	0	0	50,400	0	0	0
Land Acquisition	26,300	0	0	0	26,300	0	0	0
Utilities	26,300	0	0	0	26,300	0	0	0
Total Cost	**1,078,300**	**0**	**0**	**0**	**1,078,300**	**0**	**0**	**0**

Funding Schedule:

Tax Supported Bond	1,078,300	0	0	0	1,078,300	0	0	0
Total Funding	**1,078,300**	**0**	**0**	**0**	**1,078,300**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 970
Eastern Boulevard Widening Phase I	
Account Number: 30 11620 RDI042	

Description:

Rehabilitate and widen Eastern Blvd from MD Rt 64 (Jefferson Blvd) to Security Road from the existing 2 lane roadway to a 4 lane divided roadway. Including drainage improvements, and traffic signal modifications.

Assumption:

Potential funding partnership between City, County and Developer contributions. Schedule assumes construction from MD Rt 64 to Security Rd in 2013 and 2014, construction between Security Rd and Antietam Drive in 2015 and 2016 (shown as a separate project).

Justification:

Existing traffic volumes on Eastern Blvd 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			45,138	70,407	226,559	157,094	0	0
Gross Operating Cost			45,138	70,407	226,559	157,094	0	0
Net Operating Cost			**45,138**	**70,407**	**226,559**	**157,094**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	5,016,000	0	0	0	2,886,100	2,129,900	0	0
Engineering/Design	354,400	0	175,000	179,400	0	0	0	0
Land Acquisition	1,117,500	0	400,000	717,500	0	0	0	0
Total Cost	**6,487,900**	**0**	**575,000**	**896,900**	**2,886,100**	**2,129,900**	**0**	**0**

Funding Schedule:

General Fund	128,700	0	0	0	0	128,700	0	0
Tax Supported Bond	6,359,200	0	575,000	896,900	2,886,100	2,001,200	0	0
Total Funding	**6,487,900**	**0**	**575,000**	**896,900**	**2,886,100**	**2,129,900**	**0**	**0**

Project Title and Location:	**Project Number:**	**972**
Eastern Blvd Widening Phase II		
Account Number:		

Description:

Rehabilitation and widen Eastern Blvd from Security Road to Antietam Drive from the existing 2 lane roadway to a 4 lane divided roadway. Including drainage improvements, railroad underpass and traffic control signal at Antietam Drive.

Assumption:

State and/or federal contribution for railroad underpass funding to be applied for and acquired in the amount of $3,820,000 (FY 2009 dollars). If the underpass funding is not secured the project cost will be reduced $3,380,000 to provide an at-grade crossing which is expected to cost $440,000 (FY 2009 dollars).

Justification:

Existing traffic volumes on Eastern Blvd 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	90,722	136,653	151,819	281,846
Gross Operating Cost			0	0	90,722	136,653	151,819	281,846
Net Operating Cost			**0**	**0**	**90,722**	**136,653**	**151,819**	**281,846**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	10,088,100	0	0	0	0	2,424,100	5,042,100	2,621,900
Engineering/Design	1,518,900	0	0	0	525,300	215,400	551,900	226,300
Inspection	262,600	0	0	0	0	0	86,100	176,500
Land Acquisition	2,396,800	0	0	0	630,400	538,400	662,300	565,700
Total Cost	**14,266,400**	**0**	**0**	**0**	**1,155,700**	**3,177,900**	**6,342,400**	**3,590,400**

Funding Schedule:

General Fund	5,845,500	0	0	0	0	1,437,100	4,408,400	0
Tax Supported Bond	8,420,900	0	0	0	1,155,700	1,740,800	1,934,000	3,590,400
Total Funding	**14,266,400**	**0**	**0**	**0**	**1,155,700**	**3,177,900**	**6,342,400**	**3,590,400**

Solid Waste

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Solid Waste								
159	Contingency - Solid Waste	344,600	0	30,000	41,000	52,500	64,600	77,300	79,200
160	C&D Staging Area	217,000	15,000	202,000	0	0	0	0	0
161	Weigh Scale Relocation	956,000	50,000	906,000	0	0	0	0	0
162	Cell #7	8,356,100	0	250,000	4,782,500	3,323,600	0	0	0
163	Leachate Pump Station and Force Main	1,373,900	200,000	0	0	399,600	774,300	0	0
164	Close Out Cap - Phase 2 - Resh	10,671,700	5,271,000	4,515,200	885,500	0	0	0	0
165	Close Out Cap - Rubble Fill	1,861,500	63,000	0	18,500	1,780,000	0	0	0
166	Cells 5, 6 & 7 Spring Control	575,000	0	575,000	0	0	0	0	0
167	Cell 5	5,223,200	0	0	0	0	0	220,800	5,002,400
168	Feasibility Study of County wide Solid Waste Management	76,000	0	76,000	0	0	0	0	0
	Solid Waste Total	**29,655,000**	**5,599,000**	**6,554,200**	**5,727,500**	**5,555,700**	**838,900**	**298,100**	**5,081,600**
	Funding Source - All Projects								
	General Fund	2,399,329	2,399,329	0	0	0	0	0	0
	Solid Waste Fund	1,699,100	265,000	343,000	41,000	452,100	441,500	77,300	79,200
	Tax Supported Bond	5,163,700	1,917,000	2,361,200	885,500	0	0	0	0
	Self Supported Bond	17,145,200	0	1,620,000	4,801,000	5,103,600	397,400	220,800	5,002,400
	State Loan	1,017,671	1,017,671	0	0	0	0	0	0
	Capital Reserve	2,230,000	0	2,230,000	0	0	0	0	0
	Total	**29,655,000**	**5,599,000**	**6,554,200**	**5,727,500**	**5,555,700**	**838,900**	**298,100**	**5,081,600**

Project Title and Location:	**Project Number: 97**
Contingency - Solid Waste	
Account Number:	**31 21010 ADM009**

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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Other	344,600	0	30,000	41,000	52,500	64,600	77,300	79,200
Total Cost	**344,600**	**0**	**30,000**	**41,000**	**52,500**	**64,600**	**77,300**	**79,200**

Funding Schedule:

Solid Waste Fund	344,600	0	30,000	41,000	52,500	64,600	77,300	79,200
Total Funding	**344,600**	**0**	**30,000**	**41,000**	**52,500**	**64,600**	**77,300**	**79,200**

Project Title and Location:	**Project Number:**	**98**
C&D Staging Area		
Account Number:	**31 21010 LDI029**	

Description:

The design and construction of a staging/handling area for construction and demolition waste. Material delivered to this area will be either recycled, reused or landfilled elsewhere, thereby removed from the 40 West wastestream. Staging area most likely will be used by a private firm contracted by the County. Area is assumed located near future Cell 11 and consists of an approximately 5 acre site generally graded flat with a 40' x 40' concrete slab with graded aggregate placed to facilitate truck and equipment movement.

Assumption:

Justification:

Current analysis has determined this approach to provide significant cost savings over current method of burying such waste in the 40 West Landfill.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	202,000	0	202,000	0	0	0	0	0
Engineering/Design	15,000	15,000	0	0	0	0	0	0
Total Cost	**217,000**	**15,000**	**202,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Solid Waste Fund	217,000	15,000	202,000	0	0	0	0	0
Total Funding	**217,000**	**15,000**	**202,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 99**

Weigh Scale Relocation

Account Number: 31 21010 EQP034

Description:

This project consists of relocating the existing weigh scales and constructing a new scale house approximately 800 feet to the east of the existing location.

Assumption:

Justification:

The current location creates traffic operation issues during busy times and the current scale house is in poor condition. The relocation will result in improved service and operational efficiencies.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			71,121	0	0	0	0	0
Gross Operating Cost			71,121	0	0	0	0	0
Net Operating Cost			**71,121**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	886,000	0	886,000	0	0	0	0	0
Engineering/Design	50,000	50,000	0	0	0	0	0	0
Inspection	20,000	0	20,000	0	0	0	0	0
Total Cost	**956,000**	**50,000**	**906,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	906,000	0	906,000	0	0	0	0	0
Solid Waste Fund	50,000	50,000	0	0	0	0	0	0
Total Funding	**956,000**	**50,000**	**906,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 100**

Cell #7

Account Number: 31 21010 LDI030

Description:

Final design and construction for Cell #7 and #6, including the preparation of bid documents. This item includes engineering support during construction. The cells will be combined.

Assumption:

Justification:

Needed to assure continuous uninterrupted landfill operations.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			10,912	375,426	260,903	0	0	0
Gross Operating Cost			10,912	375,426	260,903	0	0	0
Net Operating Cost			**10,912**	**375,426**	**260,903**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	7,924,800	0	0	4,680,000	3,244,800	0	0	0
Engineering/Design	250,000	0	250,000	0	0	0	0	0
Inspection	181,300	0	0	102,500	78,800	0	0	0
Total Cost	**8,356,100**	**0**	**250,000**	**4,782,500**	**3,323,600**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	8,245,100	0	139,000	4,782,500	3,323,600	0	0	0
Solid Waste Fund	111,000	0	111,000	0	0	0	0	0
Total Funding	**8,356,100**	**0**	**250,000**	**4,782,500**	**3,323,600**	**0**	**0**	**0**

Project Title and Location: Leachate Pump Station and Force Main

Project Number: 102

Account Number: 31 21010 LIN033

Description:

Design and construct a landfill leachate pump station and approximately 2,100 ft 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 & 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	10,000	20,000	22,000	24,200	0
Debt Service			0	0	0	31,196	0	0
Gross Operating Cost			0	10,000	20,000	53,196	24,200	0
Net Operating Cost			**0**	**10,000**	**20,000**	**53,196**	**24,200**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,109,800	0	0	0	378,600	731,200	0	0
Engineering/Design	200,000	200,000	0	0	0	0	0	0
Other	64,100	0	0	0	21,000	43,100	0	0
Total Cost	**1,373,900**	**200,000**	**0**	**0**	**399,600**	**774,300**	**0**	**0**

Funding Schedule:

Self Supported Bond	397,400	0	0	0	0	397,400	0	0
Solid Waste Fund	976,500	200,000	0	0	399,600	376,900	0	0
Total Funding	**1,373,900**	**200,000**	**0**	**0**	**399,600**	**774,300**	**0**	**0**

Project Title and Location:	**Project Number:**	**104**
Close Out Cap - Phase 2 - Resh		
Account Number:	**31 21010 CAP002**	

Description:

Design and construction of the final close out cap for the Resh Road Landfill. Project includes the installation of a passive landfill gas collection system. Phase 2 consists of Cells 1 - 5.

Assumption:

Justification:

Project is required in order to comply with State and Federal Regulations.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			185,354	69,512	0	0	0	0
Gross Operating Cost			185,354	69,512	0	0	0	0
Net Operating Cost			**185,354**	**69,512**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	10,441,100	5,271,000	4,284,600	885,500	0	0	0	0
Inspection	230,600	0	230,600	0	0	0	0	0
Total Cost	**10,671,700**	**5,271,000**	**4,515,200**	**885,500**	**0**	**0**	**0**	**0**

Funding Schedule:

Capital Reserve	2,154,000	0	2,154,000	0	0	0	0	0
General Fund	2,336,329	2,336,329	0	0	0	0	0	0
State Loan	1,017,671	1,017,671	0	0	0	0	0	0
Tax Supported Bond	5,163,700	1,917,000	2,361,200	885,500	0	0	0	0
Total Funding	**10,671,700**	**5,271,000**	**4,515,200**	**885,500**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**105**
Close Out Cap - Rubble Fill		
Account Number:	**31 21010 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.

Assumption:

Justification:

Work is required to comply with State Regulations. 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	1,452	139,730	0	0	0
Gross Operating Cost			0	1,452	139,730	0	0	0
Net Operating Cost			**0**	**1,452**	**139,730**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,622,400	0	0	0	1,622,400	0	0	0
Engineering/Design	81,500	63,000	0	18,500	0	0	0	0
Inspection	157,600	0	0	0	157,600	0	0	0
Total Cost	**1,861,500**	**63,000**	**0**	**18,500**	**1,780,000**	**0**	**0**	**0**

Funding Schedule:

General Fund	63,000	63,000	0	0	0	0	0	0
Self Supported Bond	1,798,500	0	0	18,500	1,780,000	0	0	0
Total Funding	**1,861,500**	**63,000**	**0**	**18,500**	**1,780,000**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** **945**
Cells 5, 6 & 7 Spring Control	
Account Number: **31 21010 LDI031**	

Description:

Construction of a drainage system to direct an existing spring beyond the limits of the future Cells 5, 6,& 7 at the 40 West landfill.

Assumption:

Justification:

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			**FY 2009**	**FY 2010**	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			45,138	0	0	0	0	0
Gross Operating Cost			45,138	0	0	0	0	0
Net Operating Cost			**45,138**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	**Six Year Cost**	**Prior Budget**	**Budget Yr FY 2009**	**Five Year Capital Program**				
				FY 2010	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Construction	500,000	0	500,000	0	0	0	0	0
Inspection	75,000	0	75,000	0	0	0	0	0
Total Cost	**575,000**	**0**	**575,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	575,000	0	575,000	0	0	0	0	0
Total Funding	**575,000**	**0**	**575,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number: 947**
Cell 5	
Account Number:	

Description:

Design and Construction of Cell #5 at the 40 West Landfill

Assumption:

Justification:

Needed to assure continuous uninterrupted landfill operations

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	17,333	392,688
Gross Operating Cost			0	0	0	0	17,333	392,688
Net Operating Cost			**0**	**0**	**0**	**0**	**17,333**	**392,688**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	4,866,600	0	0	0	0	0	0	4,866,600
Engineering/Design	220,800	0	0	0	0	0	220,800	0
Inspection	135,800	0	0	0	0	0	0	135,800
Total Cost	**5,223,200**	**0**	**0**	**0**	**0**	**0**	**220,800**	**5,002,400**

Funding Schedule:

Self Supported Bond	5,223,200	0	0	0	0	0	220,800	5,002,400
Total Funding	**5,223,200**	**0**	**0**	**0**	**0**	**0**	**220,800**	**5,002,400**

Project Title and Location:	**Project Number: 980**
Feasibility Study of County wide Solid Waste Management	
Account Number: 31 21010 STY015	

Description:

Consultant services to evaluate County wide managed trash collection.

Assumption:

Justification:

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Planning	76,000	0	76,000	0	0	0	0	0
Total Cost	**76,000**	**0**	**76,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Capital Reserve	76,000	0	76,000	0	0	0	0	0
Total Funding	**76,000**	**0**	**76,000**	**0**	**0**	**0**	**0**	**0**

Transit

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Transit								
	Public Works								
	Transit								
170	Capital Maintenance Items - Transit	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
171	Transit Buses	1,030,400	0	400,000	0	630,400	0	0	0
172	Shop Equipment/Tools	78,900	0	25,000	10,300	10,500	10,800	11,000	11,300
173	Farebox Repairs & Upgrade	15,800	0	5,000	0	5,300	0	5,500	0
174	Small/Mid-size Buses	206,800	0	0	133,300	0	0	0	73,500
175	Facility Maintenance	58,000	0	58,000	0	0	0	0	0
176	Transit System Bus Shelters	40,000	0	40,000	0	0	0	0	0
177	Transit Bus Transfer Center	3,072,200	0	1,000,000	179,400	1,892,800	0	0	0
	Transit Total	**4,661,800**	**0**	**1,553,000**	**348,600**	**2,565,300**	**37,700**	**44,100**	**113,100**
	Public Works Total	**4,661,800**	**0**	**1,553,000**	**348,600**	**2,565,300**	**37,700**	**44,100**	**113,100**
	Transit Total	**4,661,800**	**0**	**1,553,000**	**348,600**	**2,565,300**	**37,700**	**44,100**	**113,100**
	TOTAL	**4,661,800**	**0**	**1,553,000**	**348,600**	**2,565,300**	**37,700**	**44,100**	**113,100**
	Funding Source - All Projects								
	General Fund	248,000	0	49,800	13,300	177,400	0	0	7,500
	Transit Fund	193,000	0	100,000	18,000	75,000	0	0	0
	Capital Reserve	25,500	0	5,500	3,600	4,300	3,800	4,300	4,000
	Federal Grant	3,729,800	0	1,242,400	279,200	2,052,100	30,100	35,300	90,700
	State Grant	465,500	0	155,300	34,500	256,500	3,800	4,500	10,900
	TOTAL	**4,661,800**	**0**	**1,553,000**	**348,600**	**2,565,300**	**37,700**	**44,100**	**113,100**

Project Title and Location:	**Project Number:**	**133**
Capital Maintenance Items - Transit		
Account Number:	**34 44010 EQP021**	

Description:

Miscellaneous vehicle repairs for our existing bus fleet.

Assumption:

Justification:

Maryland Transit Administration (MTA) provides grant funding for large expense vehicle repairs upon justification. Maintaining mechanical operation of the buses reduces interruptions in service. Capital grant funds help off-set operational vehicle maintenance expenses.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			**FY 2009**	**FY 2010**	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	**Six Year Cost**	**Prior Budget**	**Budget Yr FY 2009**	**Five Year Capital Program**				
				FY 2010	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Equipment/Furniture	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Total Cost	**159,700**	**0**	**25,000**	**25,600**	**26,300**	**26,900**	**27,600**	**28,300**

Funding Schedule:

Capital Reserve	15,900	0	2,500	2,500	2,700	2,700	2,700	2,800
Federal Grant	127,800	0	20,000	20,500	21,000	21,500	22,100	22,700
State Grant	16,000	0	2,500	2,600	2,600	2,700	2,800	2,800
Total Funding	**159,700**	**0**	**25,000**	**25,600**	**26,300**	**26,900**	**27,600**	**28,300**

Project Title and Location:	**Project Number:** 134
Transit Buses	
Account Number: 34 44010 VEH003	

Description:

FY 09 - Replace three (2) mid-size transit buses (Units 649,650). FY 11 - Replace three (3) mid-size transit buses (Units 646,647,648).

Assumption:

Justification:

Maryland Transit Administration (MTA) useful life criteria determines grant funding schedule (5yr., 7 yr., 10 yr., 12 yr.). MTA does not provide grant funding to refurbish existing vehicles at the end of the useful life criteria schedule.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Equipment/Furniture	1,030,400	0	400,000	0	630,400	0	0	0
Total Cost	**1,030,400**	**0**	**400,000**	**0**	**630,400**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	824,300	0	320,000	0	504,300	0	0	0
General Fund	103,100	0	40,000	0	63,100	0	0	0
State Grant	103,000	0	40,000	0	63,000	0	0	0
Total Funding	**1,030,400**	**0**	**400,000**	**0**	**630,400**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**136**
Shop Equipment/Tools		
Account Number:	**34 44010 EQP006**	

Description:

Miscellaneous shop equipment/tools. Vehicle engine exhaust extraction system for indoor bus storage area.

Assumption:

Justification:

Due to required bidding process to procure vehicles, taking delivery of the same make/model rarely occurs. Some units require specific tooling. Maryland Transit Administration (MTA) provides supportive grant funding on an as needed basis.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Equipment/Furniture	78,900	0	25,000	10,300	10,500	10,800	11,000	11,300
Total Cost	**78,900**	**0**	**25,000**	**10,300**	**10,500**	**10,800**	**11,000**	**11,300**

Funding Schedule:

Capital Reserve	8,000	0	2,500	1,100	1,000	1,100	1,100	1,200
Federal Grant	63,000	0	20,000	8,200	8,400	8,600	8,800	9,000
State Grant	7,900	0	2,500	1,000	1,100	1,100	1,100	1,100
Total Funding	**78,900**	**0**	**25,000**	**10,300**	**10,500**	**10,800**	**11,000**	**11,300**

Project Title and Location: Farebox Repairs & Upgrade

Project Number: 137

Account Number: 34 44010 EQP029

Description:

Continue maintaining and refurbishing all electronic fareboxes. Fareboxes collect passenger's fares and track ridership data that is reported to the Maryland Transit Administration (MTA).

Assumption:

Justification:

MTA provides grant funding for supportive services. Ridership data tracking is required under MTA and Federal grant funding requirements.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Equipment/Furniture	15,800	0	5,000	0	5,300	0	5,500	0
Total Cost	**15,800**	**0**	**5,000**	**0**	**5,300**	**0**	**5,500**	**0**

Funding Schedule:

Capital Reserve	1,600	0	500	0	600	0	500	0
Federal Grant	12,600	0	4,000	0	4,200	0	4,400	0
State Grant	1,600	0	500	0	500	0	600	0
Total Funding	**15,800**	**0**	**5,000**	**0**	**5,300**	**0**	**5,500**	**0**

Project Title and Location:	**Project Number:**	**138**
Small/Mid-size Buses		

Account Number: **34 44010 VEH005**

Description:

Replacement of small ADA Program buses. FY 10 - Replace two (2) small ADA Program buses (Units 501 & 502). FY 14 - Replace one (1) small ADA Program bus (Unit 503).

Assumption:

Justification:

Maryland Transit Administration (MTA) useful life criteria determines grant funding schedule (5yr., 7 yr., 10 yr., 12 yr.). MTA does not provide grant funding to refurbish existing vehicles at the end of the useful life criteria schedule.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			**FY 2009**	**FY 2010**	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	**Six Year Cost**	**Prior Budget**	**Budget Yr FY 2009**	**Five Year Capital Program**				
				FY 2010	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Equipment/Furniture	206,800	0	0	133,300	0	0	0	73,500
Total Cost	**206,800**	**0**	**0**	**133,300**	**0**	**0**	**0**	**73,500**

Funding Schedule:

Federal Grant	166,000	0	0	107,000	0	0	0	59,000
General Fund	20,800	0	0	13,300	0	0	0	7,500
State Grant	20,000	0	0	13,000	0	0	0	7,000
Total Funding	**206,800**	**0**	**0**	**133,300**	**0**	**0**	**0**	**73,500**

Project Title and Location: **Project Number: 928**

Facility Maintenance

Account Number: 34 44010 BLD009

Description:

FY 09 - General facility preventative maintenance; perimeter property fence repair and paint; rear training lot blacktop pavement sealing. Asset longevity.

Assumption:

Justification:

Pending grant funding approval and local match.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	58,000	0	58,000	0	0	0	0	0
Total Cost	**58,000**	**0**	**58,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	46,400	0	46,400	0	0	0	0	0
General Fund	5,800	0	5,800	0	0	0	0	0
State Grant	5,800	0	5,800	0	0	0	0	0
Total Funding	**58,000**	**0**	**58,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number:** **929**
Transit System Bus Shelters

Account Number: **34 44010 BLD041**

Description:

Installation of a total of ten (10) bus shelters throughout the transit system's fixed-routes as amendities for our passengers. Locations to be determined. Funding for six (6) shelters was approved in FY '07.

Assumption:

Justification:

Pending grant funding approval and local match.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Equipment/Furniture	40,000	0	40,000	0	0	0	0	0
Total Cost	**40,000**	**0**	**40,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	32,000	0	32,000	0	0	0	0	0
General Fund	4,000	0	4,000	0	0	0	0	0
State Grant	4,000	0	4,000	0	0	0	0	0
Total Funding	**40,000**	**0**	**40,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	Project Number: 959
Transit Bus Transfer Center	
Account Number: 34 44010 BLD060	

Description:

Acquire land, design and construct a transit bus transfer station. The station will include shelter areas and ticket booth for customers and restrooms for bus operators. The project is consistent with the Washington County Transfer Point Relocation Study completed in January 2008.

Assumption:

The funding for this project will be provided as follows: federal contribution, 80%; state contribution, 10% and the remaining 10% from local funds.

Justification:

The existing transfer point is located along West Washington Street under the railroad overpass, meaning vehicular traffic passes very close to parked buses and pedestrians attempting to board. Aside from being on-street the railroad overpass poses other issues such as, facilitates pigeon nesting, wind-tunnel effect during inclement weather conditions, limited shelter protection for the customers, and lacks customer amenities.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
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 FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,892,800	0	0	0	1,892,800	0	0	0
Engineering/Design	179,400	0	0	179,400	0	0	0	0
Land Acquisition	1,000,000	0	1,000,000	0	0	0	0	0
Total Cost	**3,072,200**	**0**	**1,000,000**	**179,400**	**1,892,800**	**0**	**0**	**0**

Funding Schedule:

Federal Grant	2,457,700	0	800,000	143,500	1,514,200	0	0	0
General Fund	114,300	0	0	0	114,300	0	0	0
State Grant	307,200	0	100,000	17,900	189,300	0	0	0
Transit Fund	193,000	0	100,000	18,000	75,000	0	0	0
Total Funding	**3,072,200**	**0**	**1,000,000**	**179,400**	**1,892,800**	**0**	**0**	**0**

Water and Sewer

Washington County, Maryland

Capital Improvement Plan

Fiscal Year 2009 - 2014

Page Ref	Project	Total	Prior Appr.	Budget Year FY 2009	Five Year Capital Program FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
	Cash Requirements								
	Water Quality								
	Utility Administration:								
179	Contingency - Utility Admin	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
180	Vehicle/Equipment Building - Water & Sewer Maintenance	325,000	75,000	250,000	0	0	0	0	0
181	Atomic Absorption Analyzer Upgrade	120,000	0	120,000	0	0	0	0	0
182	Auto Analyzer for Nutrients	84,100	0	0	0	84,100	0	0	0
183	General Building Improvements	117,000	0	0	0	0	0	117,000	0
184	Conococheague Complex - Storage Building Improvements	108,200	0	0	0	108,200	0	0	0
	Utility Administration Total	**914,000**	**75,000**	**395,000**	**25,600**	**218,600**	**26,900**	**144,600**	**28,300**
	Wastewater Utility:								
185	Contingency - Sewer	319,400	0	50,000	51,300	52,500	53,800	55,200	56,600
186	Smithsburg Wastewater Treatment Plant - Facility Improvements	15,980,830	580,630	0	4,581,600	10,818,600	0	0	0
187	Upgrade PO No. 1	355,000	290,000	65,000	0	0	0	0	0
188	Pump Station Upgrades - Various Stations	597,300	150,000	100,000	104,000	0	0	0	243,300
189	Conococheague Wastewater Treatment Plant - ENR Upgrades	33,703,610	3,524,010	21,737,000	8,442,600	0	0	0	0
190	Winebrenner Wastewater Treatment Plant Upgrade	18,237,800	232,000	259,700	0	1,364,800	11,980,500	4,400,800	0
191	Replace PO 2 Pump Station	1,248,000	0	0	1,248,000	0	0	0	0
192	Potomac Edison Pump Station and Force Main Relocation	1,456,000	0	0	1,456,000	0	0	0	0
193	Antietam Wastewater Treatment Plant - Facility Improvements	678,300	70,000	0	0	0	0	0	608,300
194	I&I Rehabilitation Project	408,000	0	200,000	208,000	0	0	0	0
195	College Road Pump Station Upgrade	430,000	130,000	300,000	0	0	0	0	0
196	Keedysville-Knolls Pump Station Upgrade	385,000	150,000	235,000	0	0	0	0	0
	Wastewater Utility Total	**73,799,240**	**5,126,640**	**22,946,700**	**16,091,500**	**12,235,900**	**12,034,300**	**4,456,000**	**908,200**
	Water Utility:								
197	Contingency - Water	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
198	Highfield Water System	296,900	100,000	0	0	0	196,900	0	0
199	Mt. Aetna Water System - Upgrade and Replace Equipment	392,400	0	200,000	192,400	0	0	0	0
200	Elk Ridge Water Distribution Line Improvements	100,000	0	100,000	0	0	0	0	0
201	WQ Distribution System Water Main and Meter Replacement	450,900	0	0	104,000	108,200	0	117,000	121,700
202	Sandy Hook Water Treatment Plant-Upgrade/Replace Equipment	104,000	0	0	104,000	0	0	0	0
203	General Water Treatment Plant Improvements	229,600	0	0	0	54,100	56,200	58,500	60,800
	Water Utility Total	**1,733,500**	**100,000**	**325,000**	**426,000**	**188,600**	**280,000**	**203,100**	**210,800**
	Water Quality Total	**76,446,740**	**5,301,640**	**23,666,700**	**16,543,100**	**12,643,100**	**12,341,200**	**4,803,700**	**1,147,300**
	Funding Source - All Projects								
	Utility Admin Fund	538,800	75,000	245,000	25,600	110,400	26,900	27,600	28,300
	Water Fund	1,237,900	100,000	110,000	369,000	183,900	194,200	82,800	198,000
	Sewer Fund	3,310,410	1,195,210	612,700	730,000	606,900	53,800	55,200	56,600
	Tax Supported Bond	6,659,600	323,800	751,800	1,239,900	1,611,700	1,923,400	809,000	0
	Self Supported Bond	20,862,070	561,670	3,006,900	4,263,700	5,071,600	5,448,400	1,948,300	561,500
	Excise Tax - Other	1,719,400	284,000	167,900	190,900	212,900	257,900	302,900	302,900
	Capital Reserve	215,000	0	215,000	0	0	0	0	0
	State Grant	39,398,560	2,611,960	18,457,400	7,469,000	4,845,700	4,436,600	1,577,900	0
	Contributions	2,505,000	150,000	100,000	2,255,000	0	0	0	0
	Total	**76,446,740**	**5,301,640**	**23,666,700**	**16,543,100**	**12,643,100**	**12,341,200**	**4,803,700**	**1,147,300**

Project Title and Location: **Project Number:** **106**

Contingency - Utility Admin

Account Number: **37 40010 ADM003**

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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	47	102	149	204	259
Gross Operating Cost			0	47	102	149	204	259
Net Operating Cost			**0**	**47**	**102**	**149**	**204**	**259**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Other	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Total Cost	**159,700**	**0**	**25,000**	**25,600**	**26,300**	**26,900**	**27,600**	**28,300**

Funding Schedule:

Utility Admin Fund	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Total Funding	**159,700**	**0**	**25,000**	**25,600**	**26,300**	**26,900**	**27,600**	**28,300**

Project Title and Location:	**Project Number:**	**108**
Vehicle/Equipment Building - Water & Sewer Maintenance		
Account Number: 37 40010 BLD054		

Description:

Additional facility to insure proper maintenance of specialty equipment.

Assumption:

Justification:

Specialty equipment requires specific maintenance/storage conditions to insure longevity and preparation for use during adverse weather conditions.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	500	520	541	562	0
Debt Service			11,775	0	0	0	0	0
Gross Operating Cost			11,775	500	520	541	562	0
Net Operating Cost			**11,775**	**500**	**520**	**541**	**562**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	325,000	75,000	250,000	0	0	0	0	0
Total Cost	**325,000**	**75,000**	**250,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	123,000	0	123,000	0	0	0	0	0
Tax Supported Bond	27,000	0	27,000	0	0	0	0	0
Utility Admin Fund	175,000	75,000	100,000	0	0	0	0	0
Total Funding	**325,000**	**75,000**	**250,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**109**
Atomic Absorption Analyzer Upgrade		
Account Number:	**37 40010 BLD025**	

Description:

Upgrade the atomic absorption analyzer unit.

Assumption:

Justification:

Upgrading of this equipment is required to comply with Federal and State analytical requirements.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			**FY 2009**	**FY 2010**	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	**Six Year Cost**	**Prior Budget**	**Budget Yr FY 2009**	**Five Year Capital Program**				
				FY 2010	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Equipment/Furniture	120,000	0	120,000	0	0	0	0	0
Total Cost	**120,000**	**0**	**120,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Utility Admin Fund	120,000	0	120,000	0	0	0	0	0
Total Funding	**120,000**	**0**	**120,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 110
Auto Analyzer for Nutrients	

Account Number:

Description:

Replace Auto analyzer equipment for nutrients

Assumption:

Justification:

Aging equipment and higher testing standards will require replacement of equipment to meet Federal and State regulations

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Equipment/Furniture	84,100	0	0	0	84,100	0	0	0
Total Cost	**84,100**	**0**	**0**	**0**	**84,100**	**0**	**0**	**0**

Funding Schedule:

Utility Admin Fund	84,100	0	0	0	84,100	0	0	0
Total Funding	**84,100**	**0**	**0**	**0**	**84,100**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 113
General Building Improvements	
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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	0	9,185	0
Gross Operating Cost			0	0	0	0	9,185	0
Net Operating Cost			**0**	**0**	**0**	**0**	**9,185**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	117,000	0	0	0	0	0	117,000	0
Total Cost	**117,000**	**0**	**0**	**0**	**0**	**0**	**117,000**	**0**

Funding Schedule:

Self Supported Bond	117,000	0	0	0	0	0	117,000	0
Total Funding	**117,000**	**0**	**0**	**0**	**0**	**0**	**117,000**	**0**

Project Title and Location:	**Project Number:**	**123**
Conococheague Complex - Storage Building Improvements		
Account Number:		

Description:

General improvements to the existing storage building.

Assumption:

Justification:

Improvements required to improve operation of building and general repairs as recommended by manufacturer to insure full life expectancy.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	243	0	0	0
Gross Operating Cost			0	0	243	0	0	0
Net Operating Cost			**0**	**0**	**243**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	108,200	0	0	0	108,200	0	0	0
Total Cost	**108,200**	**0**	**0**	**0**	**108,200**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	3,100	0	0	0	3,100	0	0	0
Sewer Fund	105,100	0	0	0	105,100	0	0	0
Total Funding	**108,200**	**0**	**0**	**0**	**108,200**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**114**
Contingency - Sewer		
Account Number:	**32 42010 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Other	319,400	0	50,000	51,300	52,500	53,800	55,200	56,600
Total Cost	**319,400**	**0**	**50,000**	**51,300**	**52,500**	**53,800**	**55,200**	**56,600**

Funding Schedule:

Sewer Fund	319,400	0	50,000	51,300	52,500	53,800	55,200	56,600
Total Funding	**319,400**	**0**	**50,000**	**51,300**	**52,500**	**53,800**	**55,200**	**56,600**

Project Title and Location: **Project Number: 115**

Smithsburg Wastewater Treatment Plant - Facility Improvements

Account Number: 32 42010 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	80,000	83,200	86,528	89,989	0
Debt Service			0	301,040	472,900	0	0	0
Gross Operating Cost			0	381,040	556,100	86,528	89,989	0
Net Operating Cost			**0**	**381,040**	**556,100**	**86,528**	**89,989**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	15,400,200	0	0	4,581,600	10,818,600	0	0	0
Engineering/Design	580,630	580,630	0	0	0	0	0	0
Total Cost	**15,980,830**	**580,630**	**0**	**4,581,600**	**10,818,600**	**0**	**0**	**0**

Funding Schedule:

Excise Tax - Other	190,900	0	0	190,900	0	0	0	0
Self Supported Bond	8,101,370	307,470	0	2,917,500	4,876,400	0	0	0
Sewer Fund	880,500	60,000	0	371,200	449,300	0	0	0
State Grant	4,674,860	145,160	0	184,600	4,345,100	0	0	0
Tax Supported Bond	2,133,200	68,000	0	917,400	1,147,800	0	0	0
Total Funding	**15,980,830**	**580,630**	**0**	**4,581,600**	**10,818,600**	**0**	**0**	**0**

Project Title and Location: **Project Number: 116**

Upgrade PO No. 1

Account Number: 32 42010 LIN023

Description:

Complete upgrade of pumps and appurtenances including the installation of an emergency generator, replace aging equipment, and increase wet well storage.

Assumption:

Justification:

Rehabilitation of the Station is required to address aging equipment issues and MDE criteria for pump station emergency power. Expansion of the wet well will provide additional storage in emergency situations to reduce the potential of overflow conditions.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			5,103	0	0	0	0	0
Gross Operating Cost			5,103	0	0	0	0	0
Net Operating Cost			**5,103**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	295,000	230,000	65,000	0	0	0	0	0
Engineering/Design	60,000	60,000	0	0	0	0	0	0
Total Cost	**355,000**	**290,000**	**65,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	159,200	131,200	28,000	0	0	0	0	0
Sewer Fund	130,000	130,000	0	0	0	0	0	0
Tax Supported Bond	65,800	28,800	37,000	0	0	0	0	0
Total Funding	**355,000**	**290,000**	**65,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**117**
Pump Station Upgrades - Various Stations		
Account Number: 32 42010 LIN034		

Description:

General upgrades including electrical/equipment upgrades.

Assumption:

Justification:

Upgrades required to address aging equipment issues.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			(1,326)	(1,379)	(1,434)	(1,492)	(1,551)	0
Debt Service			7,850	118	0	0	0	19,099
Gross Operating Cost			6,524	(1,261)	(1,434)	(1,492)	(1,551)	19,099
Net Operating Cost			**6,524**	**(1,261)**	**(1,434)**	**(1,492)**	**(1,551)**	**19,099**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	597,300	150,000	100,000	104,000	0	0	0	243,300
Total Cost	**597,300**	**150,000**	**100,000**	**104,000**	**0**	**0**	**0**	**243,300**

Funding Schedule:

Self Supported Bond	431,800	123,000	64,000	1,500	0	0	0	243,300
Sewer Fund	102,500	0	0	102,500	0	0	0	0
Tax Supported Bond	63,000	27,000	36,000	0	0	0	0	0
Total Funding	**597,300**	**150,000**	**100,000**	**104,000**	**0**	**0**	**0**	**243,300**

Project Title and Location:	**Project Number:** 118
Conococheague Wastewater Treatment Plant - ENR Upgrades	
Account Number: 32 42010 TRP018	

Description:

Plan, design, and construct upgrades required to meet Maryland Department of the Environment (MDE) Enhanced Nutrient Removal (ENR) strategy.

Assumption:

Justification:

Upgrade required to meet MDE's ENR Strategy.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			650,000	682,000	710,780	746,911	776,788	0
Debt Service			232,297	127,131	0	0	0	0
Gross Operating Cost			882,297	809,131	710,780	746,911	776,788	0
Net Operating Cost			**882,297**	**809,131**	**710,780**	**746,911**	**776,788**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	32,946,200	2,766,600	21,737,000	8,442,600	0	0	0	0
Engineering/Design	757,410	757,410	0	0	0	0	0	0
Total Cost	**33,703,610**	**3,524,010**	**21,737,000**	**8,442,600**	**0**	**0**	**0**	**0**

Funding Schedule:

Excise Tax - Other	451,900	284,000	167,900	0	0	0	0	0
Self Supported Bond	3,668,500	0	2,371,500	1,297,000	0	0	0	0
Sewer Fund	1,135,910	773,210	362,700	0	0	0	0	0
State Grant	27,537,100	2,466,800	18,247,200	6,823,100	0	0	0	0
Tax Supported Bond	910,200	0	587,700	322,500	0	0	0	0
Total Funding	**33,703,610**	**3,524,010**	**21,737,000**	**8,442,600**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number: 119**

Winebrenner Wastewater Treatment Plant Upgrade

Account Number: **32 42010 TRP016**

Description:

Upgrade facility to comply with Maryland Department or 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
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			3,886	0	51,127	577,839	197,820	0
Gross Operating Cost			3,886	0	118,127	647,519	270,287	0
Net Operating Cost			**3,886**	**0**	**118,127**	**647,519**	**270,287**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	17,946,100	200,000	0	0	1,364,800	11,980,500	4,400,800	0
Engineering/Design	291,700	32,000	259,700	0	0	0	0	0
Total Cost	**18,237,800**	**232,000**	**259,700**	**0**	**1,364,800**	**11,980,500**	**4,400,800**	**0**

Funding Schedule:

Excise Tax - Other	773,700	0	0	0	212,900	257,900	302,900	0
Self Supported Bond	7,356,400	0	20,400	0	187,400	5,437,600	1,711,000	0
Sewer Fund	32,000	32,000	0	0	0	0	0	0
State Grant	6,650,300	0	210,200	0	500,600	4,361,600	1,577,900	0
Tax Supported Bond	3,425,400	200,000	29,100	0	463,900	1,923,400	809,000	0
Total Funding	**18,237,800**	**232,000**	**259,700**	**0**	**1,364,800**	**11,980,500**	**4,400,800**	**0**

Project Title and Location:	**Project Number:** 120
Replace PO 2 Pump Station	
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, Pump Station will need to be replaced at the developers expense to handle the projected flows.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			0	11,800	11,800	11,800	11,800	0
Debt Service			0	1,413	0	0	0	0
Gross Operating Cost			0	13,213	11,800	11,800	11,800	0
Net Operating Cost			**0**	**13,213**	**11,800**	**11,800**	**11,800**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,248,000	0	0	1,248,000	0	0	0	0
Total Cost	**1,248,000**	**0**	**0**	**1,248,000**	**0**	**0**	**0**	**0**

Funding Schedule:

Contributions	1,230,000	0	0	1,230,000	0	0	0	0
Self Supported Bond	18,000	0	0	18,000	0	0	0	0
Total Funding	**1,248,000**	**0**	**0**	**1,248,000**	**0**	**0**	**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 Forcemain is required to facilitate service of the properties in the revised Urban Growth Area Boundary.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	1,649	0	0	0	0
Gross Operating Cost			0	1,649	0	0	0	0
Net Operating Cost			**0**	**1,649**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	1,456,000	0	0	1,456,000	0	0	0	0
Total Cost	**1,456,000**	**0**	**0**	**1,456,000**	**0**	**0**	**0**	**0**

Funding Schedule:

Contributions	1,025,000	0	0	1,025,000	0	0	0	0
Self Supported Bond	21,000	0	0	21,000	0	0	0	0
State Grant	410,000	0	0	410,000	0	0	0	0
Total Funding	**1,456,000**	**0**	**0**	**1,456,000**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**122**
Antietam Wastewater Treatment Plant - Facility Improvements		
Account Number:	**32 42010 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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
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	0	0	0	23,974
Gross Operating Cost			0	0	0	72,500	75,400	23,974
Net Operating Cost			**0**	**0**	**0**	**72,500**	**75,400**	**23,974**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	608,300	0	0	0	0	0	0	608,300
Engineering/Design	70,000	70,000	0	0	0	0	0	0
Total Cost	**678,300**	**70,000**	**0**	**0**	**0**	**0**	**0**	**608,300**

Funding Schedule:

Excise Tax - Other	302,900	0	0	0	0	0	0	302,900
Self Supported Bond	305,400	0	0	0	0	0	0	305,400
Sewer Fund	70,000	70,000	0	0	0	0	0	0
Total Funding	**678,300**	**70,000**	**0**	**0**	**0**	**0**	**0**	**608,300**

Project Title and Location:	**Project Number:**	**124**
I&I Rehabilitation Project		
Account Number:	**32 42010 LIN035**	

Description:

Identify and rehabilitate inflow and infiltration in the Highfield and Maugansville Collection Systems.

Assumption:

Justification:

Correction of I&I is required to reduce excessive flows into the WwTPs and to reduce potential overflow conditions. Project will also address State and Federal regulations.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
New Operational Cost			(5,000)	(10,200)	(10,608)	(11,032)	(11,474)	0
Debt Service			0	236	0	0	0	0
Gross Operating Cost			(5,000)	(9,965)	(10,608)	(11,032)	(11,474)	0
Net Operating Cost			**(5,000)**	**(9,965)**	**(10,608)**	**(11,032)**	**(11,474)**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	408,000	0	200,000	208,000	0	0	0	0
Total Cost	**408,000**	**0**	**200,000**	**208,000**	**0**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	3,000	0	0	3,000	0	0	0	0
Sewer Fund	405,000	0	200,000	205,000	0	0	0	0
Total Funding	**408,000**	**0**	**200,000**	**208,000**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** 478
College Road Pump Station Upgrade	
Account Number: 32 42010 LIN032	

Description:

Upgrade of equipment and wet well.

Assumption:

Justification:

Aging equipment and additional flow from relocation of Sharpsburg Pike Area, require upgrades and modifications to this Pump Station. Upgrades will reduce the potential of SSO occurrences which will be required as part of the proposed Federal SSO regulations.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			23,550	0	0	0	0	0
Gross Operating Cost			23,550	0	0	0	0	0
Net Operating Cost			**23,550**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	430,000	130,000	300,000	0	0	0	0	0
Total Cost	**430,000**	**130,000**	**300,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	300,000	0	300,000	0	0	0	0	0
Sewer Fund	130,000	130,000	0	0	0	0	0	0
Total Funding	**430,000**	**130,000**	**300,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:** **932**
Keedysville-Knolls Pump Station Upgrade	
Account Number: **32 42010 LIN026**	

Description:

Construct additional wet well capacity.

Assumption:

Justification:

Pump station is operating near capacity with additional flow anticipated from proposed developments. Therefore, additional capacity at this station is required prior to acceptance of the additional flow. Project to be funded by developer generating the additional flow.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			**FY 2009**	**FY 2010**	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			10,598	0	0	0	0	0
Gross Operating Cost			10,598	0	0	0	0	0
Net Operating Cost			**10,598**	**0**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	**Six Year Cost**	**Prior Budget**	**Budget Yr FY 2009**	**Five Year Capital Program**				
				FY 2010	**FY 2011**	**FY 2012**	**FY 2013**	**FY 2014**
Construction	375,000	140,000	235,000	0	0	0	0	0
Engineering/Design	10,000	10,000	0	0	0	0	0	0
Total Cost	**385,000**	**150,000**	**235,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Contributions	250,000	150,000	100,000	0	0	0	0	0
Self Supported Bond	100,000	0	100,000	0	0	0	0	0
Tax Supported Bond	35,000	0	35,000	0	0	0	0	0
Total Funding	**385,000**	**150,000**	**235,000**	**0**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**126**
Contingency - Water		
Account Number: 38 41010 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Other	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Total Cost	**159,700**	**0**	**25,000**	**25,600**	**26,300**	**26,900**	**27,600**	**28,300**

Funding Schedule:

Water Fund	159,700	0	25,000	25,600	26,300	26,900	27,600	28,300
Total Funding	**159,700**	**0**	**25,000**	**25,600**	**26,300**	**26,900**	**27,600**	**28,300**

Project Title and Location: Highfield Water System

Project Number: 127

Account Number: 38 41010 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.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	0	659	0	0
Gross Operating Cost			0	0	0	659	0	0
Net Operating Cost			**0**	**0**	**0**	**659**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	296,900	100,000	0	0	0	196,900	0	0
Total Cost	**296,900**	**100,000**	**0**	**0**	**0**	**196,900**	**0**	**0**

Funding Schedule:

Self Supported Bond	8,400	0	0	0	0	8,400	0	0
State Grant	75,000	0	0	0	0	75,000	0	0
Water Fund	213,500	100,000	0	0	0	113,500	0	0
Total Funding	**296,900**	**100,000**	**0**	**0**	**0**	**196,900**	**0**	**0**

Project Title and Location: **Project Number:** **128**

Mt. Aetna Water System - Upgrade and Replace Equipment

Account Number: **38 41010 LIN037**

Description:

Upgrade and replacement of equipment and appurtenances including water lines, valves and vaults.

Assumption:

Justification:

Upgrades and replacements due to aging equipment.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	220	0	0	0	0
Gross Operating Cost			0	220	0	0	0	0
Net Operating Cost			**0**	**220**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	392,400	0	200,000	192,400	0	0	0	0
Total Cost	**392,400**	**0**	**200,000**	**192,400**	**0**	**0**	**0**	**0**

Funding Schedule:

Capital Reserve	200,000	0	200,000	0	0	0	0	0
Self Supported Bond	2,800	0	0	2,800	0	0	0	0
Water Fund	189,600	0	0	189,600	0	0	0	0
Total Funding	**392,400**	**0**	**200,000**	**192,400**	**0**	**0**	**0**	**0**

Project Title and Location:	**Project Number:**	**129**
Elk Ridge Water Distribution Line Improvements		
Account Number:	**38 41010 LIN036**	

Description:

Replace aging pipes in distribution system.

Assumption:

Justification:

Replacement required due to the age of the distribution system. Repairs will increase operational efficiency by decreasing water losses through leaking pipes.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's								
Gross Operating Cost								
Net Operating Cost								

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	100,000	0	100,000	0	0	0	0	0
Total Cost	**100,000**	**0**	**100,000**	**0**	**0**	**0**	**0**	**0**

Funding Schedule:

Capital Reserve	15,000	0	15,000	0	0	0	0	0
Water Fund	85,000	0	85,000	0	0	0	0	0
Total Funding	**100,000**	**0**	**100,000**	**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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	118	243	0	9,185	675
Gross Operating Cost			0	118	243	0	9,185	675
Net Operating Cost			**0**	**118**	**243**	**0**	**9,185**	**675**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	450,900	0	0	104,000	108,200	0	117,000	121,700
Total Cost	**450,900**	**0**	**0**	**104,000**	**108,200**	**0**	**117,000**	**121,700**

Funding Schedule:

Self Supported Bond	130,200	0	0	1,500	3,100	0	117,000	8,600
Water Fund	320,700	0	0	102,500	105,100	0	0	113,100
Total Funding	**450,900**	**0**	**0**	**104,000**	**108,200**	**0**	**117,000**	**121,700**

Project Title and Location: **Project Number:** **131**

Sandy Hook Water Treatment Plant-Upgrade/Replace Equipment

Account Number:

Description:

Upgrade and replace water treatment equipment.

Assumption:

Justification:

Upgrade and/or replacement required due to the age of the equipment and manufacturer's recommendation. *State funding is requested grant.

PROJECTED ANNUAL NEW OPERATING COSTS:

Categories			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	110	0	0	0	0
Gross Operating Cost			0	110	0	0	0	0
Net Operating Cost			**0**	**110**	**0**	**0**	**0**	**0**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	104,000	0	0	104,000	0	0	0	0
Total Cost	**104,000**	**0**	**0**	**104,000**	**0**	**0**	**0**	**0**

Funding Schedule:

Self Supported Bond	1,400	0	0	1,400	0	0	0	0
State Grant	51,300	0	0	51,300	0	0	0	0
Water Fund	51,300	0	0	51,300	0	0	0	0
Total Funding	**104,000**	**0**	**0**	**104,000**	**0**	**0**	**0**	**0**

Project Title and Location: **Project Number:** **132**

General Water Treatment Plant Improvements

Account Number:

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 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Anticipated FTE's			0.0	0.0	0.0	0.0	0.0	0.0
Debt Service			0	0	126	188	259	330
Gross Operating Cost			0	0	126	188	259	330
Net Operating Cost			**0**	**0**	**126**	**188**	**259**	**330**

CASH REQUIREMENT SCHEDULE:

Cost Categories:	Six Year Cost	Prior Budget	Budget Yr FY 2009	Five Year Capital Program				
				FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Construction	229,600	0	0	0	54,100	56,200	58,500	60,800
Total Cost	**229,600**	**0**	**0**	**0**	**54,100**	**56,200**	**58,500**	**60,800**

Funding Schedule:

Self Supported Bond	11,500	0	0	0	1,600	2,400	3,300	4,200
Water Fund	218,100	0	0	0	52,500	53,800	55,200	56,600
Total Funding	**229,600**	**0**	**0**	**0**	**54,100**	**56,200**	**58,500**	**60,800**