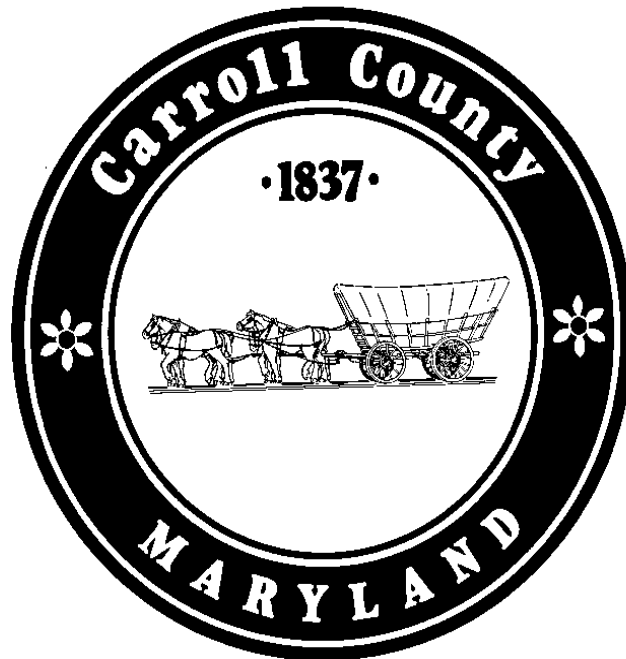
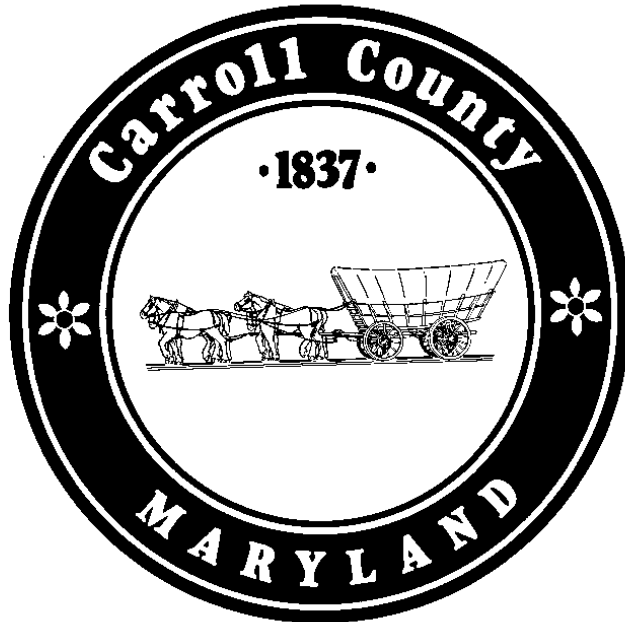


Carroll County Maryland



Community Investment Plan
Preliminary Recommended
Fiscal Years 2016-2021



PRODUCED BY

The Department of Management and Budget

Ted Zaleski..... Director
Deborah Effingham..... Bureau Chief
Robin Hooper..... Management and Budget Project Coordinator
Sheree Lima Management and Budget Project Coordinator
Heidi Pepin..... Senior Management and Budget Analyst
Lynn Karr Management and Budget Analyst
Christian Roop Management and Budget Analyst
Evan Cook..... Management and Budget Analyst

Special thanks to the staff in Production and Distribution

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February 4, 2015

*TO: Alec Yeo, Chairman
Planning and Zoning Commission*

RE: Preliminary Recommendation on the FY 16-21 CIP

This memo is your introduction to the FY 16-21 Community Investment Program (CIP) and the Preliminary Recommended CIP. First I would like to briefly review the CIP process timeline.

<i>September</i>	<i>CIP requests received at the Department of Management and Budget</i>
<i>Mid-January</i>	<i>DMB Preliminary Recommendation is forwarded to the Planning Commission and the Board of County Commissioners</i>
<i>February</i>	<i>Planning Commission makes recommendations and comments on the CIP</i>
<i>March</i>	<i>DMB Recommended Budget to the Commissioners</i>
<i>Late March</i>	<i>Commissioner/Agency meetings on the Budget</i>
<i>April</i>	<i>Commissioners develop their Proposed Budget</i>
<i>Early May</i>	<i>Public Hearing on the Proposed Budget</i>
<i>Late May</i>	<i>Budget Adoption</i>

What is the Preliminary Recommended CIP?

- *A first look at the next CIP.*
- *A CIP that reflects the goals of the Commissioners.*
- *A CIP that continues the majority of the plans of the currently adopted CIP.*
- *The starting point for discussion with the Commissioners.*

What the Preliminary Recommended CIP is not.

- *The final version of the CIP.*
- *The end of analysis on individual projects.*
- *A commitment of dollars, timing or revenue mix.*

Summary

Much of the Preliminary Recommendation closely resembles the FY 15-20 Adopted CIP. This is not an accident. The starting point each year is the current plan. We can never predict with 100% accuracy the services and facilities that will be needed over a six-year period and we expect previously unidentified projects to be added to the CIP, but it is critical that the plan retain its basic stability. The economic environment and local revenue forecast continues to be a challenge for the budget process. Our approach has been to focus on maintaining existing infrastructure while adding few new construction projects to the CIP.

Board of Education

The school construction portion of the Preliminary Recommended CIP typically accounts for approximately 40% of total dollars and is supported and constrained by three sources of revenue: impact fees, 9.09% of the local income tax collected, and State funding.

- *Modernizations – Funding is included for renovation of Charles Carroll Elementary School and High School Science Room Renovations, at this time alternative solutions are being explored to address several renovations of multiple schools.*
- *Roof Replacements – Funding is included for roof replacements at the Career and Technology Center, Francis Scott Key High, Sandymount Elementary, South Carroll High School, Westminster Elementary School, and Westminster High School.*

Conservation and Open Space

This portion of the Preliminary Recommended CIP includes water resources and Agricultural Land Preservation.

- *Water – Funding is included for the reconstruction and structural maintenance of existing storm water management ponds, and remediation efforts to stay in compliance with our NPDES permit.*
- *Agricultural Land Preservation – Funding is included to continue efforts to permanently preserve farm land through easements. The county has*

accelerated easement purchases with the use of installment purchase agreements and has preserved more than 67,000 of the goal of 100,000 acres preserved.

Public Works

The Public Works portion of the Preliminary Recommended CIP includes Roads and Bridges.

- *Pavement Management – The projects are classified as mainline, low volume and neighborhoods road. Funding for mainline overlays includes the prior year overlay funds and funds for deep milling and patching for the next year’s overlays.*
- *Market Street – Funding is included to extend the existing portion of Market Street from the intersection with MD 140 to Old Westminster Pike.*

Culture and Recreation

This portion of the Preliminary Recommended CIP provides for cultural facilities and for passive (i.e. natural park areas) and active (i.e. ballfields) recreational opportunities. The primary sources of funding for recreation projects are impact fees and Program Open Space (POS) grants.

- *Parks – Funding is included for construction of Westminster Veterans Memorial Park, resurfacing and/or replacement of tennis and basketball courts at Deer Park and Sandymount, trail construction including Gillis Falls Phases I and II, and improvements at Bark Hill Park, Union Mills Homestead, and the Sports Complex.*

General Government

This portion of the Preliminary Recommended CIP is all the projects that do not fall into one of the other five categories: Culture and Recreation, Public Works, Board of Education, Conservation and Open Space, and Enterprise Funds. Typically projects will be related to the Office of Public Safety, Carroll Community College, Carroll County Public Library, Sheriff Services, and Senior Centers.

- *County Facilities – Funding is included for an addition to the existing transportation building and renovations to the Courthouse Annex.*

I hope this is helpful in acquainting you with the CIP and some of the issues as you prepare for your review. I will be available to offer further information and clarification as necessary.

Ted Zaleski

Director, Management and Budget

FY 16 – FY 21 CIP
Preliminary Recommended
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BOARD
OF
COUNTY
COMMISSIONERS

Board of County Commissioners



*Doug Howard
President
District 5*



*Stephen A. Wantz
Vice President
District 1*



*C. Richard Weaver
Secretary
District 2*



*Dennis Frazier
District 3*



*Richard Rothschild
District 4*

Appointed Officials

Ted Zaleski, III
Acting Chief of Staff

Robert M. Burk
Comptroller

Timothy C. Burke
County Attorney

Philip R. Hager
Director of Land Use, Planning and Development

Madeline M. Morey
Director of Citizen Services

Ted Zaleski, III
Director of Management and Budget

Jack Lyburn
Administrator of Economic Development, Strategic Accounts and Outreach

Jonathan Weetman
Administrator of Economic Development, Operations and Small Business Development

Scott R. Campbell
Administrator of Public Safety

Jeff R. Degitz
Administrator of Recreation and Parks

Kimberly L. Frock
Administrator of Human Resources

Mark Ripper
Administrator of Technology Services

COMPARISON
OF
REQUEST
TO
PRELIMINARY RECOMMENDED

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
Public Schools:					
Barrier Free Modification	36	X			
Career and Technology Center Roof Replacement	37		X		
Career and Technology – HVAC System Replacement	38	X			
Charles Carroll Elementary Modernization	NEW				
Cranberry Station Elementary Kindergarten Addition	28	X			
Electrical System Upgrade	39	X			
Fire Alarm System Replacement	40	X			
Francis Scott Key High Roof Replacement	41			X	X
Friendship Valley Elementary Kindergarten Addition	29	X			
High School Science Room Renovations	30				X
HVAC - Improvements and Replacements	42				X
New Career and Technology Center	31	X			
New North Westminster K-8 School	32	X			
Paving	43				X
Relocatable Classroom Removal	44			X	X
Roof Repairs	45		X		
Roof Replacements	46				X
Sandymount Elementary Kindergarten Addition	33	X			
Sandymount Elementary Roof Replacement	47			X	X

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
South Carroll High Roof Replacement	48			X	X
Taneytown Elementary Kindergarten Addition	34	X			
Technology Improvements	49	X			
Transfer to Operating Budget for BOE Debt Service	50				X
Westminster Elementary Roof Replacement	51		X		
Westminster High – Electrical Equipment Replacement	52	X			
Westminster High School Roof Replacement	53			X	X
Westminster West Middle Modernization	35	X			
Window Replacement	54	X			

Conservation and Open Space:					
Agricultural Land Preservation	58				X
Environmental Compliance	59		X		
Storm Water Facility Maintenance	60		X		
Watershed Assessment and Improvement (NPDES)	61		X		

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
Roads:					
Bark Hill Equipment Storage	68	X			
Cape Horn Salt Storage Facility	69	X			
Gravel Roads	70	X			
Johnsville Road Sidewalk	71		X		
Market Street Extended	72			X	X
Meadow Branch Road Extended	73	X			
Pavement Management Program	74		X		
Pavement Preservation	75		X		
Public Works Unallocated	NEW				
Ramp and Sidewalk Upgrades	76		X		
Small Drainage Structures	77		X		
Storm Drain Inspection	78				X
Traffic Calming	79	X			

Bridges:					
Bear Run over Bear Branch	84		X		
Bridge Inspection and Inventory	85		X		
Bridge Maintenance and Structural Repairs	86		X		
Cape Horn Road over Unnamed Stream	87		X		
Cleaning and Painting of Existing Bridge Structural Steel	88				X
Gaither Road over South Branch Patapsco River	89		X		
Hollingsworth Road over Unnamed Tributary	90		X		
Stone Chapel Road over Little Pipe Creek	91		X		

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
Culture and Recreation:					
Bark Hill Park Improvements	96				X
Bear Branch Tot Lot	97			X	X
Community Self-Help Projects	98		X		
Deer Park Tennis and Basketball Court Resurfacing	99		X		
Double Pipe Creek Boat Ramp	100		X		
Gillis Falls Trail I	101		X		
Gillis Falls Trail II	102				X
Leister Park II	103	X			
Park Restoration	104				X
Recreation and Parks Unallocated	NEW				
Sandymount Tennis and Basketball Court Replacement	105		X		
Sports Complex Lighting	106			X	X
Sports Complex Overlay	107			X	X
Tot Lot Replacement	108		X		
Town Fund	109				X
Westminster Veterans Memorial Park	110			X	
Union Mills – Ongoing Restoration	111		X		

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
General Government:					
Animal Control – Kennel Expansion	116	X			
Animal Control – Storage Building	117	X			
Animal Control – Pole Barn	118	X			
Carroll Community College – Emergency Exit Upgrade	119	X			
Carroll Community College – Parking	120	X			
Carroll Community College – Parking Garage	121	X			
Carroll Community College – Systemic Renovations	122		X		
Carroll Community College – Technology	123	X			
Community Media Center Digital Equipment Upgrade	124	X			
County Building Systemic Renovations	126		X		
County Phone System Replacement	125		X		
County Technology	127				X
Courthouse Annex - Addition	128	X			
Courthouse Space Renovation	129				X
Detention Center – Basketball Court Enclosure	130	X			
Fleet Lift Replacements	131		X		
GIS Digital Orthophotography	132	X			
General Government Unallocated	NEW				
Information Technology System Replacement	133				X
Infrastructure Planning Studies	134		X		
Library – Technology Replacement	135	X			
Library – Westminster Branch Basement Improvements	136	X			

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
Maintenance Center Septage Upgrade	137	X			
Minimum Security Facility	138	X			
Parking Lot Overlays	139		X		
Payroll/Human Resources System Replacement	NEW				
PSTC Phase II – Class A Burn Building	140	X			
PSTC Phase II – Parking Upper Lot	141	X			
PSTC Phase II – Parking Lower Lot	142	X			
PSTC Phase II – Utility Distribution	143	X			
PSTC Phase III – Training Props	144	X			
PSTC Phase IV – Outdoor Classroom	145	X			
Records Management	146				X
Sheriff Services – Consolidated Space	147	X			
State’s Attorney and Sheriff Services Combined Building	148	X			
State’s Attorney Building	149	X			
Transportation Building Addition	150			X	X
Transportation Software and Hardware Upgrade	151	X			
Voting Machines – New Optical Scan	152	X			
Westminster Senior Center Addition	153	X			

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
ENTERPRISE FUNDS:					
Airport:					
Grounds and Maintenance Equipment	160		X		

Fiber Enterprise:					
Equipment Replacement	164			X	X

Solid Waste:					
Bark Hill Remediation and Maintenance – Formerly Closed Landfills	168		X		
Hodges Remediation and Maintenance – Formerly Closed Landfills	169		X		
Hoods Mill Remediation	170		X		
Northern Landfill – Cap Waste Cells #1 and 2	171	X			
Northern Landfill Remediation	172		X		

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
Utilities:					
Fiber Optic Line Network	176	X			
Freedom District - Relief Sewer No. 2	177				X
Freedom District - Relief Sewer No. 4 (Snowden's Creek)	178			X	X
Freedom District - Relief Sewer No.10 (Sykesville Interceptor)	179			X	X
Freedom WWTP Enhanced Nutrient Removal	NEW				
Freedom WTP Clarifier Modification	180	X			
Gaither Manor Utility Lines and Pump Stations	181	X			
Gravity Sewer Main - Houcksville Rd to Treatment Plant	182		X		
Hampstead Sewer Mains	183	X			
Hampstead WWTP Enhanced Nutrient Removal	184		X		
Hydrant Replacements	185		X		
Patapsco Valley Pump Station Upgrade	186		X		
Sewer Main Rehabilitation	187				X
Sewer Manhole Rehabilitation	188		X		
Stone Manor Pump Station Rehabilitation	189		X		
Tank Painting, Repair and Rehabilitation	190				X
Town of Sykesville Streetscape - Water and Sewer Upgrades	191			X	X

Comparison of FY 16 - 21 CIP Preliminary Recommended to FY 16 - 21 CIP Requests

PROJECT	PAGE	NOT INCLUDED	INCLUDED AS REQUESTED	INCLUDED WITH TIMING CHANGE	INCLUDED WITH DOLLAR CHANGE
Town of Sykesville Water and Sewer Upgrades	192			X	X
Water Main Loops	193		X		
Water Main Valve Replacements (formerly Water Main Blow-off Valve)	194		X		
Water Meters	195				X
Water Service Line Replacement	196				X
Water/Sewer Studies	197				X
Waters Edge Pump Station Rehabilitation	198				X
West Hampstead Collector Sewer Main Upgrade/Repair	199		X		
Winfield Pump Station Upgrade	200		X		

**ALL FUNDS AND
CAPITAL BUDGET
SUMMARY**

FY 14 - FY 16 All Funds Revenue Summary

Revenue Source	Fiscal Year			\$ Change FY 15 to FY 16
	2014 Budget	2015 Budget	2016 Budget	
Capital Fund				
Local	\$59,160,816	\$41,694,977	\$39,113,543	(\$2,581,434)
State	9,202,900	6,499,500	6,206,158	(293,342)
Federal	0	0	160,000	160,000
Other	136,300	116,000	516,000	400,000
Total Capital Fund Sources	\$68,500,016	\$48,310,477	\$45,995,701	(\$2,314,776)
Airport Enterprise Fund				
Local-Enterprise Fund	\$25,000	\$48,025,000	\$25,000	(\$48,000,000)
Total Airport Enterprise Fund Sources	\$25,000	\$48,025,000	\$25,000	(\$48,000,000)
Fiber Enterprise Fund				
Local-Enterprise Fund	\$0	\$800,000	\$0	(\$800,000)
Total Fiber Enterprise Fund Sources	\$0	\$800,000	\$0	(\$800,000)
Solid Waste Enterprise Fund				
Local-Enterprise Fund	\$3,660,000	\$745,000	\$105,000	(\$640,000)
Total Solid Waste Enterprise Fund Sources	\$3,660,000	\$745,000	\$105,000	(\$640,000)
Utilities Enterprise Fund				
Local-Enterprise Fund	\$8,313,450	\$6,551,850	\$18,219,000	\$11,667,150
Total Utilities Enterprise Fund Sources	\$8,313,450	\$6,551,850	\$18,219,000	\$11,667,150
Septage Enterprise Fund				
Local-Enterprise Fund	\$3,000,000	\$1,340,000	\$0	(\$1,340,000)
Total Septage Enterprise Fund Sources	\$3,000,000	\$1,340,000	\$0	(\$1,340,000)
Total Revenues	\$83,498,466	\$105,772,327	\$64,344,701	(\$41,427,626)

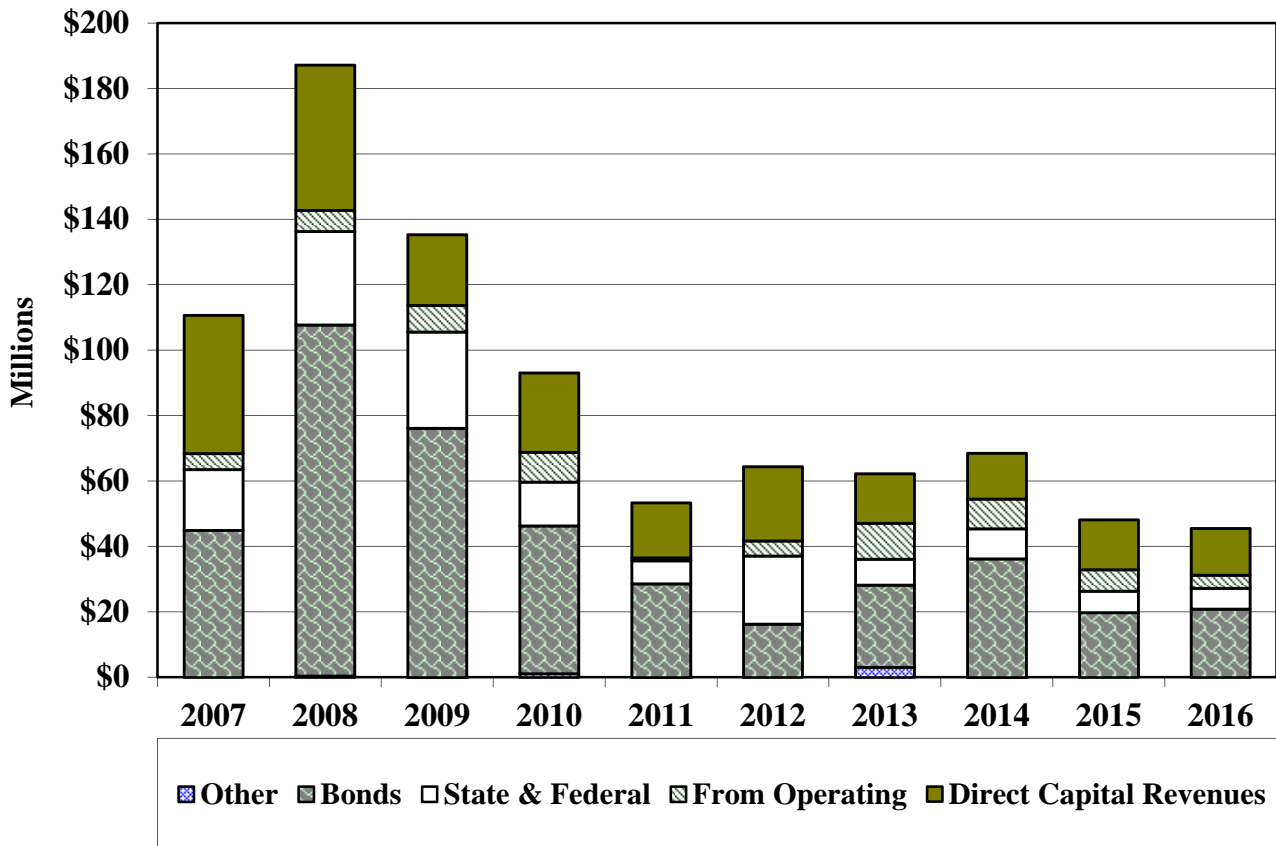
FY 14 - FY 16 All Funds Appropriations Summary

Appropriation Area	Fiscal Year			\$ Change FY 15 to FY 16
	2014 Budget	2015 Budget	2016 Budget	
Capital Fund	\$68,500,016	\$48,310,477	\$45,995,701	(\$2,314,776)
Airport Enterprise Fund	25,000	48,025,000	25,000	(48,000,000)
Fiber Enterprise Fund	0	800,000	0	(800,000)
Solid Waste Enterprise Fund	3,660,000	745,000	105,000	(640,000)
Utilities Enterprise Fund	8,313,450	6,551,850	18,219,000	11,667,150
Septage Enterprise Fund	3,000,000	1,340,000	0	(1,340,000)
Total Appropriations	\$83,498,466	\$105,772,327	\$64,344,701	(\$41,427,626)

FY 14 - FY 16 Capital Fund Revenues

Revenue Source	Fiscal Year			\$ Change FY 15 to FY 16
	2014 Budget	2015 Budget	2016 Budget	
Local				
Transfer from General Fund	\$8,647,566	\$5,670,887	\$2,096,950	(\$3,573,937)
Local Income Tax	13,301,315	13,488,119	12,568,090	(920,029)
Property Tax	206,400	0	727,220	727,220
Bonds	35,644,791	9,672,746	17,424,480	7,751,734
Reallocated Bonds	419,052	10,131,050	3,400,712	(6,730,338)
Reallocated General Fund Transfer	443,035	936,004	1,932,965	996,961
Reallocated Property Tax	290,000	1,223,171	38,126	(1,185,045)
Impact Fee - Parks	0	318,000	500,000	182,000
Impact Fee - Schools	183,657	0	0	0
Ag Transfer Tax	25,000	30,000	425,000	395,000
Land Sales	0	225,000	0	(225,000)
LOCAL TOTAL	\$59,160,816	\$41,694,977	\$39,113,543	(\$2,581,434)
State				
Highway Administration	\$176,000	\$192,700	\$176,000	(\$16,700)
Reallocated Highway User Revenue	0	0	96,008	96,008
Library Development	157,000	0	0	0
School Construction	6,520,000	3,915,000	2,276,000	(1,639,000)
Agriculture Preservation (MALPF)	1,250,000	1,250,000	500,000	(750,000)
Highway User Revenue	1,000,000	1,050,000	1,110,000	60,000
Reallocated Program Open Space	99,900	0	0	0
Program Open Space	0	91,800	2,048,150	1,956,350
STATE TOTAL	\$9,202,900	\$6,499,500	\$6,206,158	(\$293,342)
Federal				
Federal Highway/Bridge	\$0	\$0	\$160,000	\$160,000
FEDERAL TOTAL	\$0	\$0	\$160,000	\$160,000
Other				
Municipal	\$0	\$0	\$516,000	\$516,000
Grants	136,300	16,000	0	(16,000)
Reallocated Developer Contribution	0	100,000	0	(100,000)
OTHER TOTAL	\$136,300	\$116,000	\$516,000	\$400,000
TOTAL REVENUES	\$68,500,016	\$48,310,477	\$45,995,701	(\$2,314,776)

Capital Fund Revenues



This chart shows the capital budget by revenue source for fiscal years 2007 to 2016.

From Operating includes current and prior year revenues from local sources transferred to the Capital Fund, including transfers from the General Fund and reallocated General Fund transfers.

State and Federal includes funds from sources such as the State School Construction Program, Program Open Space, Highway User Revenue, Rural Legacy Grants, State Agricultural Preservation (MALPF), and State Highway Administration.

Bonds include new and reallocated general obligation bonds.

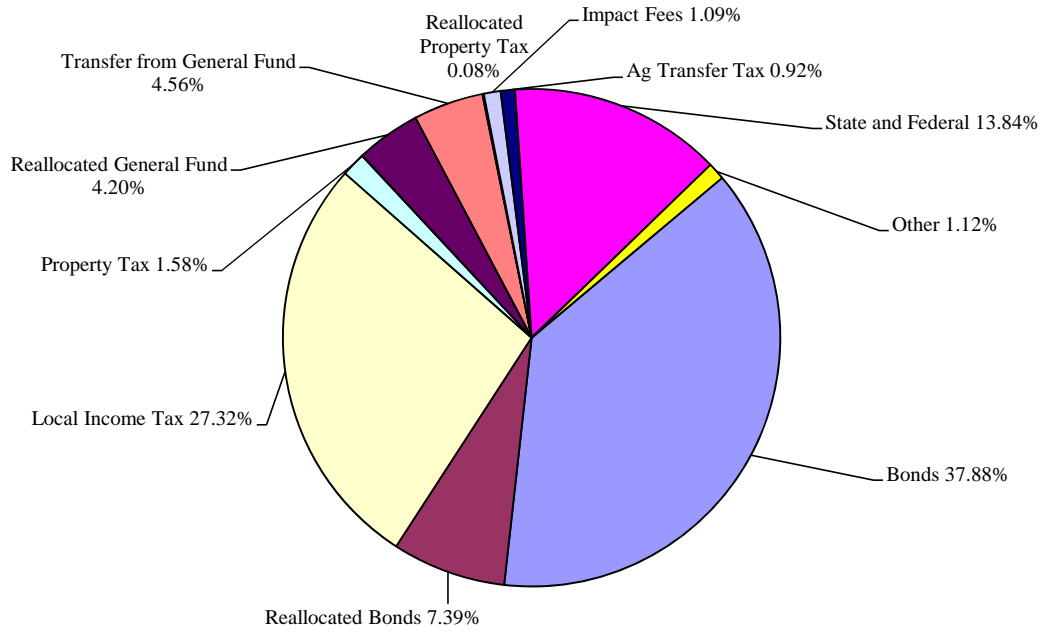
Direct Capital Revenues include funds earmarked by the Commissioners for use in the Capital Fund. These revenues are appropriated directly to the Capital Fund rather than being transferred from the General Fund. Approximately 9.1% of Local Income Tax collected is appropriated for school construction. Approximately 2.25% of Real Property tax is dedicated to agricultural preservation. In Fiscal Years 2007 - 2008, an additional \$25 million and \$19 million, respectively, in Real Property Tax was appropriated directly to the Capital Fund.

Other consists of revenues such as grants, developer contributions, and private and community contributions.

Capital Fund Revenues

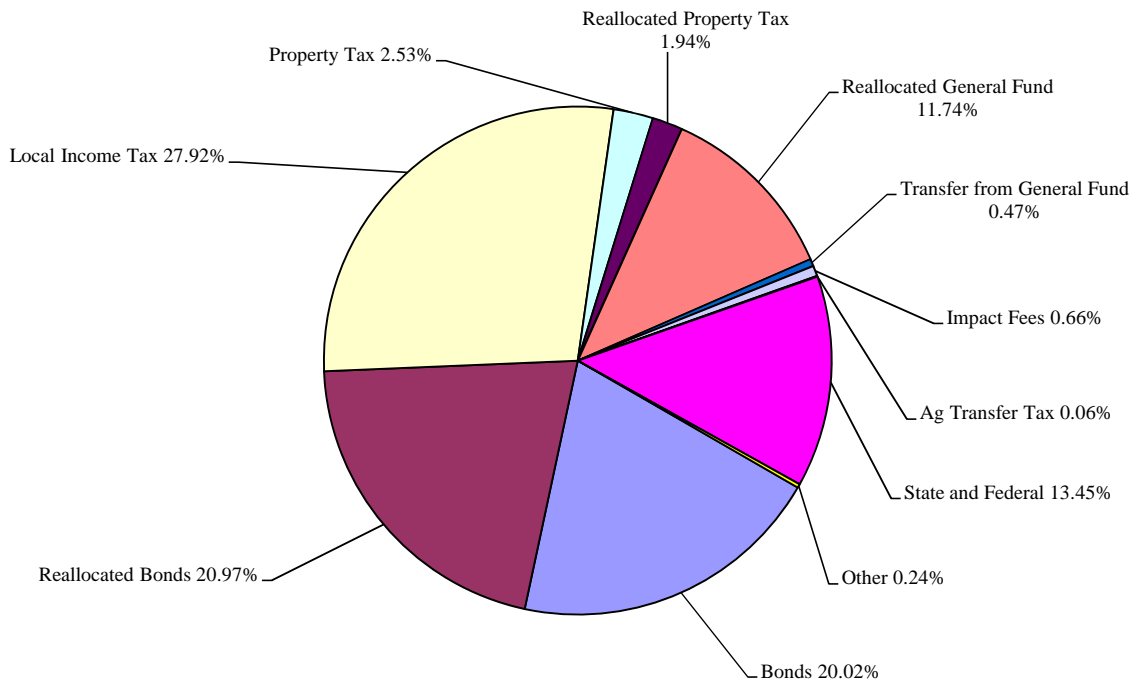
Fiscal Year 2016 Budget

\$45,995,701



Fiscal Year 2015 Budget

\$48,310,477



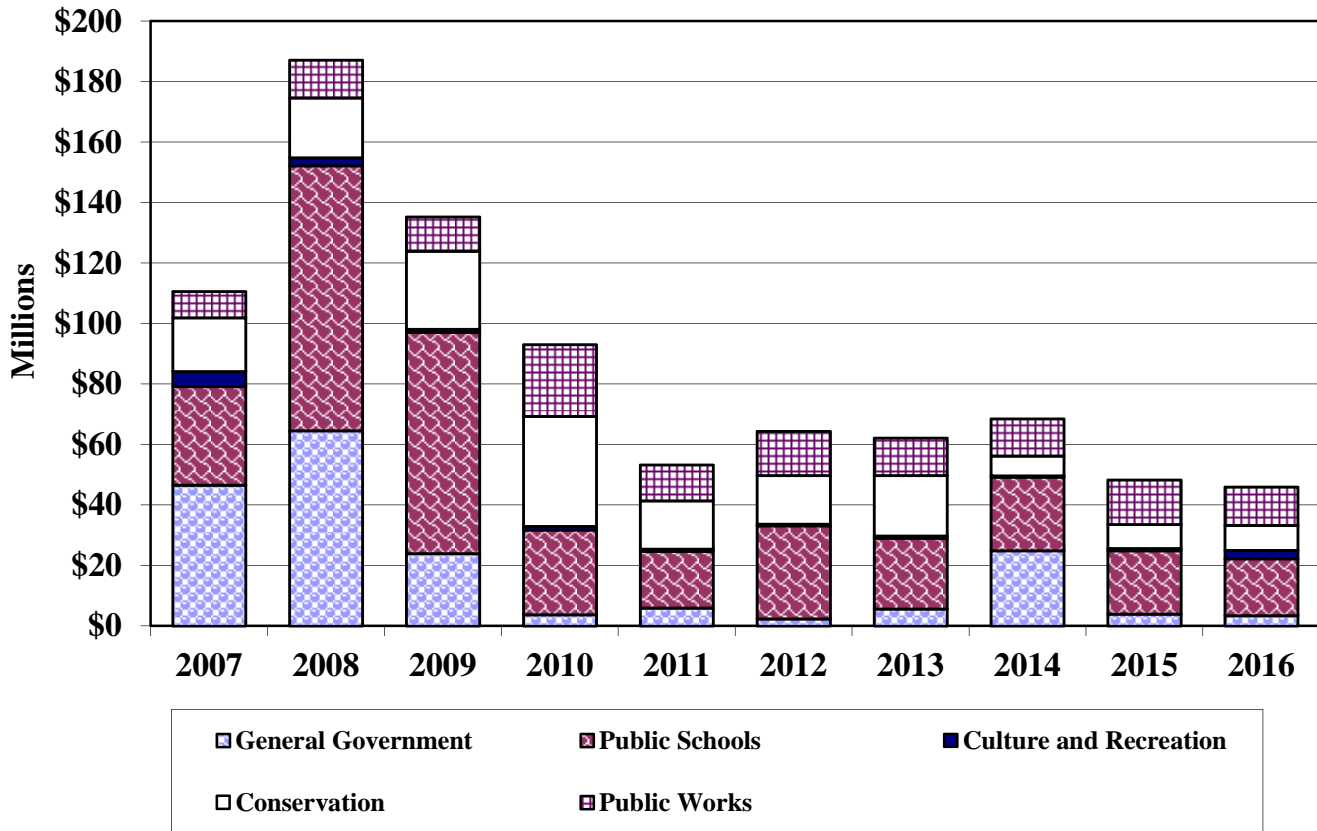
FY 14 - FY 16 Capital Fund Appropriations

Appropriation Area	Fiscal Year			\$ Change FY 15 to FY 16
	2014 Budget	2015 Budget	2016 Budget	
Public Schools	\$24,247,315	\$20,886,119	\$18,864,090	(\$2,022,029)
Conservation and Open Space	6,584,700	7,921,300	8,256,520	335,220
Public Works	12,235,501	14,744,200	12,675,626	(2,068,574)
Culture and Recreation	466,000	762,600	2,807,793	2,045,193
General Government	24,966,500	3,996,258	3,391,672	(604,586)
Total Appropriations	\$68,500,016	\$48,310,477	\$45,995,701	(\$2,314,776)

FY 14 - FY 16 Capital Fund Appropriations

Appropriation Area	Fiscal Year			\$ Change FY 15 to FY 16
	2014 Budget	2015 Budget	2016 Budget	
<u>Public Schools</u>	\$24,247,315	\$20,886,119	\$18,864,090	(\$2,022,029)
<u>Conservation and Open Space</u>	\$6,584,700	\$7,921,300	\$8,256,520	\$335,220
<u>Public Works</u>				
Roads	\$12,091,001	\$14,465,000	\$11,933,326	(\$2,531,674)
Bridges	144,500	279,200	742,300	463,100
Public Works Total	\$12,235,501	\$14,744,200	\$12,675,626	(\$2,068,574)
<u>Culture and Recreation</u>	\$466,000	\$762,600	\$2,807,793	\$2,045,193
<u>General Government</u>				
County Facilities	\$1,690,500	\$3,005,458	\$3,181,672	\$176,214
Criminal Justice/Public Safety	21,800,000	0	210,000	210,000
Carroll Community College	500,000	820,000	0	(820,000)
Libraries/Senior Centers	976,000	170,800	0	(170,800)
General Government Total	\$24,966,500	\$3,996,258	\$3,391,672	(\$604,586)
<u>Total Appropriations</u>	\$68,500,016	\$48,310,477	\$45,995,701	(\$2,314,776)

Capital Fund Appropriations



This chart shows appropriations to the five principal aggregations in the Capital Budget for Fiscal Years 2007 through 2016.

Public Schools includes school construction, renovation, and modernization projects.

Conservation includes agricultural preservation and easement programs, water development, and acquisition of property for other County uses, which may include future roadway easements and public facilities.

Public Works includes projects for the maintenance and construction of roads and bridges.

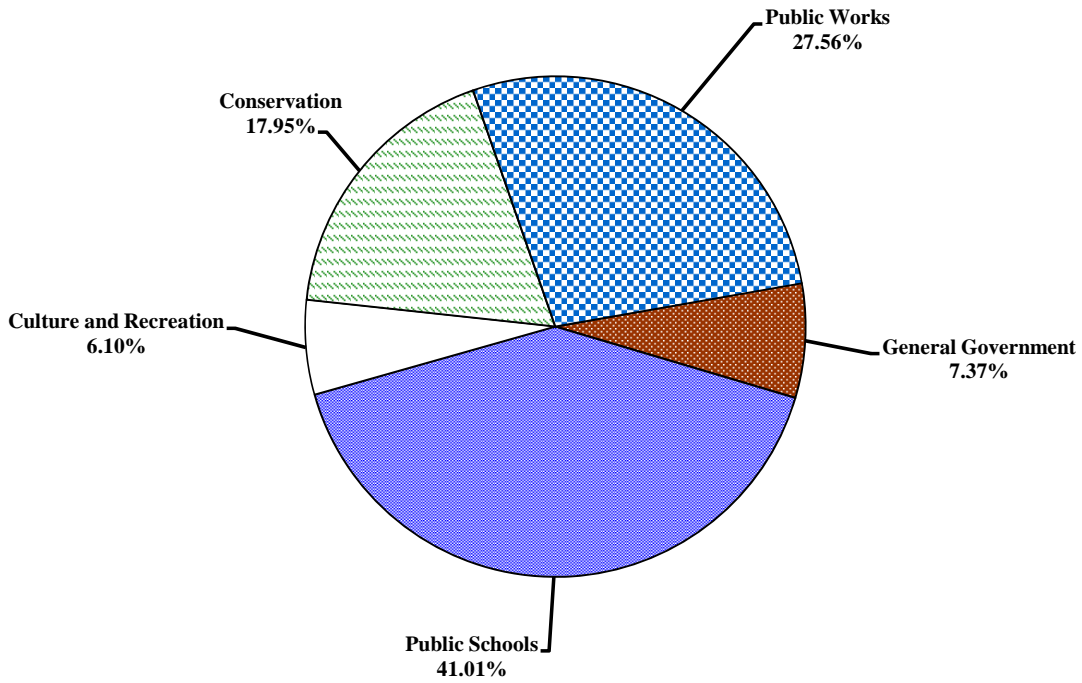
Culture and Recreation includes the purchase of land for parks, development of parks, ballfields, Self-Help projects, park restorations and Union Mills Homestead.

General Government includes County buildings, Public Safety, Community College, County Technology and Carroll County Public Library projects.

Capital Fund Appropriations

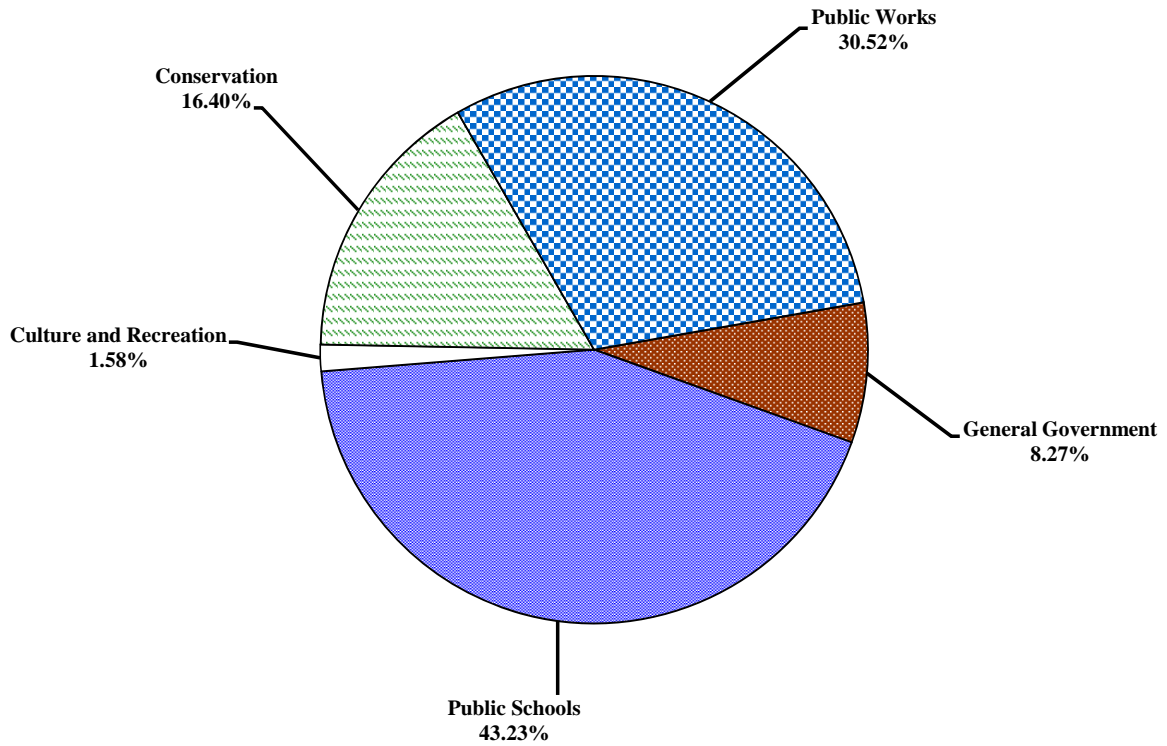
Fiscal Year 2016 Budget

\$45,995,701



Fiscal Year 2015 Budget

\$48,310,477



**COMMUNITY INVESTMENT PLAN - Schedule of Reappropriations
Fiscal Year 2016**

Reappropriations may occur when there are unspent budgeted funds from a completed or cancelled project or when there is an unallocated project that holds funds for a future use.

Capital Fund

From	To	Current	Bonds	Other
9648 County Technology	8006 IT System Replacement	\$300,000.00		
9648 County Technology	Payroll / HR System Replacement	1,000,000.00		
8310 GIS Digital Orthophotography	8412 County Phone System Replacement	100,000.00		
8310 GIS Digital Orthophotography	8274 Records Management	30,000.00		
8310 GIS Digital Orthophotography	9957 General Government Unallocated	70,500.00		
8311 GIS Parcel Layer	9957 General Government Unallocated	26,172.49		
8443 Sports Complex Fencing Project	9139 Rec & Park Unallocated	6,293.33		
8184 Turkeyfoot Road	9902 Public Works Unallocated	38,126.00		
8321 Ridge Road Improvements	Pavement Management FY 16		3,000,922.28	
8440 Pavement Management FY 13	Pavement Management FY 16	400,000.00	299,790.31	
8474 Pavement Management FY 14	Pavement Management FY 16		100,000.00	
8505 Pavement Preservation FY 15	Pavement Management FY 16			96,008.10
		\$1,971,091.82	\$3,400,712.59	\$96,008.10

Community Investment Plan for FISCAL YEAR 2016

	Total 2016	Source of Funding			
		Other	Local Bonds	State	Federal and Other
PUBLIC SCHOOLS					
Charles Carroll Elementary Modernization	\$1,526,000	\$0	\$1,526,000	\$0	\$0
Career and Technology Center Roof Replacement	2,468,000	0	1,099,000	1,369,000	0
Paving	350,000	350,000	0	0	0
Relocatable Classroom Removal	160,000	160,000			
South Carroll High Roof Replacement	283,000	0	283,000	0	0
Transfer to Operating Budget for BOE Debt Service	12,058,090	12,058,090	0	0	0
Westminster Elementary Roof Replacement	1,755,000	0	848,000	907,000	0
Westminster High School Roof Replacement	264,000	0	264,000	0	0
PUBLIC SCHOOLS TOTAL	\$18,864,090	\$12,568,090	\$4,020,000	\$2,276,000	\$0
CONSERVATION AND OPEN SPACE					
Agricultural Land Preservation	\$2,985,520	\$1,152,220	\$1,333,300	\$500,000	\$0
Environmental Compliance	75,000	37,500	37,500	0	0
Stormwater Facility Maintenance	280,000	0	280,000	0	0
Watershed Assessment and Improvement (NPDES)	4,916,000	287,800	4,112,200	0	516,000
CONSERVATION AND OPEN SPACE TOTAL	\$8,256,520	\$1,477,520	\$5,763,000	\$500,000	\$516,000
PUBLIC WORKS					
- ROADS -					
Johnsville Road Sidewalk	\$29,200	\$0	\$29,200	\$0	\$0
Pavement Management Program	10,675,000	800,000	9,602,992	272,008	0
Pavement Preservation	1,110,000	0	0	1,110,000	0
Public Works Unallocated	38,126	38,126	0	0	0
Small Drainage Structures	81,000	0	81,000	0	0
ROADS TOTAL	\$11,933,326	\$838,126	\$9,713,192	\$1,382,008	\$0
- BRIDGES -					
Bridge Inspection and Inventory	\$33,600	\$33,600	\$0	\$0	\$0
Bridge Maintenance and Structural Repairs	50,700	50,700	0	0	0
Cape Horn Road over Unnamed Stream	372,000	0	372,000	0	0
Cleaning and Painting of Existing Bridge Structural Steel	79,000	79,000	0	0	0
Stone Chapel Road over Little Pipe Creek	207,000	0	47,000	0	160,000
BRIDGES TOTAL	\$742,300	\$163,300	\$419,000	\$0	\$160,000
PUBLIC WORKS TOTAL	\$12,675,626	\$1,001,426	\$10,132,192	\$1,382,008	\$160,000
CULTURE AND RECREATION					
Community Self-Help Projects	\$72,000	\$72,000	\$0	\$0	\$0
Park Restoration	106,000	106,000	0	0	0
Recreation and Parks Unallocated	6,293	6,293	0	0	0
Tot Lot Replacement	53,500	5,350	0	48,150	0
Town Fund	10,000	10,000	0	0	0
Westminster Veterans Memorial Park	2,500,000	500,000	0	2,000,000	0
Union Mills - Ongoing Restoration	60,000	60,000	0	0	0
CULTURE AND RECREATION TOTAL	\$2,807,793	\$759,643	\$0	\$2,048,150	\$0
GENERAL GOVERNMENT					
County Building Systemic Renovations	\$700,000	\$0	\$700,000	\$0	\$0
County Phone System Replacement	100,000	100,000	0	0	0
County Technology	850,000	850,000	0	0	0
Courthouse Annex Renovation	210,000	0	210,000	0	0
General Government Unallocated	96,672	96,672	0	0	0
Information Technology System Replacement	300,000	300,000	0	0	0
Infrastructure Planning Studies	30,000	30,000	0	0	0
Parking Lot Overlays	75,000	75,000	0	0	0
Payroll / Human Resources System Replacement	1,000,000	1,000,000	0	0	0
Records Management	30,000	30,000	0	0	0
GENERAL GOVERNMENT TOTAL	\$3,391,672	\$2,481,672	\$910,000	\$0	\$0
GRAND TOTAL	\$45,995,701	\$18,288,351	\$20,825,192	\$6,206,158	\$676,000

BUDGET SUMMARY

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
PUBLIC SCHOOLS:									
<u>New Construction, Additions, Modernizations</u>									
Charles Carroll Elementary Modernization	\$1,526,000	\$18,693,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,219,000
High School Science Room Renovations	0	0	3,480,000	1,820,000	0	0	0	0	5,300,000
New Construction, Additions, Modernizations Total	\$1,526,000	\$18,693,000	\$3,480,000	\$1,820,000	\$0	\$0	\$0	\$0	\$25,519,000
Career and Technology Center Roof Replacement	\$2,468,000	\$0	\$0	\$0	\$0	\$0	\$151,000	\$0	\$2,619,000
Francis Scott Key High Roof Replacement	0	274,050	3,734,850	0	0	0	0	0	4,008,900
HVAC - Improvements and Replacements	0	0	0	2,155,000	2,200,000	2,245,000	0	0	6,600,000
Paving	350,000	360,000	370,000	380,000	390,000	400,000	0	0	2,250,000
Relocatable Classroom Removal	160,000	0	170,000	0	180,000	0	0	0	510,000
Roof Repairs	0	165,000	0	175,000	0	185,000	0	0	525,000
Roof Replacements	0	0	0	790,850	2,700,000	2,800,000	0	0	6,290,850
Sandymount Elementary Roof Replacement	0	0	132,300	1,809,150	0	0	0	0	1,941,450
South Carroll High Roof Replacement	283,000	3,999,450	0	0	0	0	0	0	4,282,450
Transfer to Operating Budget for BOE Debt Service	12,058,090	11,605,240	11,367,130	11,738,390	11,441,060	11,620,040	0	0	69,829,950
Westminster Elementary Roof Replacement	1,755,000	0	0	0	0	0	0	0	1,755,000
Westminster High School Roof Replacement	264,000	3,777,900	0	0	0	0	0	0	4,041,900
Other Projects Total	\$17,338,090	\$20,181,640	\$15,774,280	\$17,048,390	\$16,911,060	\$17,250,040	\$151,000	\$0	\$104,654,500
PUBLIC SCHOOLS TOTAL	\$18,864,090	\$38,874,640	\$19,254,280	\$18,868,390	\$16,911,060	\$17,250,040	\$151,000	\$0	\$130,173,500
SOURCES OF FUNDING:									
Local Income Tax	\$12,568,090	\$12,130,240	\$11,907,130	\$12,293,390	\$12,011,060	\$12,205,040	\$0	\$0	\$73,114,950
Bonds	4,020,000	15,119,970	3,544,308	3,264,752	2,203,000	2,267,000	151,000	0	30,570,030
State	2,276,000	11,624,430	3,802,842	3,310,248	2,697,000	2,778,000	0	0	26,488,520
PUBLIC SCHOOLS TOTAL	\$18,864,090	\$38,874,640	\$19,254,280	\$18,868,390	\$16,911,060	\$17,250,040	\$151,000	\$0	\$130,173,500

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
CONSERVATION AND OPEN SPACE:									
Agricultural Land Preservation	\$2,985,520	\$1,994,360	\$4,922,280	\$3,923,440	\$5,039,300	\$4,132,820	\$0	\$0	\$22,997,720
Environmental Compliance	75,000	75,000	75,000	75,000	75,000	75,000	0	0	450,000
Stormwater Facility Maintenance	280,000	300,000	330,000	290,000	440,000	310,000	0	0	1,950,000
Watershed Assessment and Improvement (NPDES)	4,916,000	5,848,000	3,838,000	3,470,000	2,770,000	1,750,000	0	0	22,592,000
CONSERVATION AND OPEN SPACE TOTAL	\$8,256,520	\$8,217,360	\$9,165,280	\$7,758,440	\$8,324,300	\$6,267,820	\$0	\$0	\$47,989,720
SOURCES OF FUNDING:									
Transfer from General Fund	\$325,300	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$0	\$0	\$512,800
Property Tax	727,220	631,060	2,558,980	2,560,140	2,681,000	2,774,520	0	0	11,932,920
Bonds	5,763,000	6,647,800	5,133,400	4,672,800	4,357,200	3,430,800	0	0	30,005,000
Ag Transfer Tax	425,000	30,000	30,000	30,000	25,000	25,000	0	0	565,000
Ag. Preservation (MALPF)	500,000	0	1,000,000	0	1,000,000	0	0	0	2,500,000
Municipal	516,000	871,000	405,400	458,000	223,600	0	0	0	2,474,000
CONSERVATION AND OPEN SPACE TOTAL	\$8,256,520	\$8,217,360	\$9,165,280	\$7,758,440	\$8,324,300	\$6,267,820	\$0	\$0	\$47,989,720

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
ROADS:									
Johnsville Road Sidewalk	\$29,200	\$189,800	\$0	\$0	\$0	\$0	\$0	\$0	\$219,000
Market Street Extension	0	0	0	0	0	63,000	1,208,005	996,450	2,267,455
Pavement Management Program	10,675,000	11,168,000	11,680,000	12,207,000	12,658,000	13,110,000	0	0	71,498,000
Pavement Preservation	1,110,000	1,150,000	1,220,000	1,300,000	1,350,000	1,400,000	0	0	7,530,000
Public Works Unallocated	38,126	0	0	0	0	0	0	0	38,126
Ramp and Sidewalk Upgrades	0	120,000	120,000	144,000	144,000	144,000	0	0	672,000
Small Drainage Structures	81,000	84,000	87,000	90,000	93,000	95,000	0	0	530,000
Storm Drain Inspection	0	0	0	180,000	180,000	180,000	0	0	540,000
ROADS TOTAL	\$11,933,326	\$12,711,800	\$13,107,000	\$13,921,000	\$14,425,000	\$14,992,000	\$1,208,005	\$996,450	\$83,294,581
SOURCES OF FUNDING:									
Transfer from General Fund	\$400,000	\$850,000	\$920,000	\$1,180,000	\$1,230,000	\$1,280,000	\$0	\$0	\$5,860,000
Property Tax	0	0	0	0	0	0	758,005	0	758,005
Bonds	6,312,480	10,410,600	10,911,000	11,465,000	11,919,000	12,436,000	450,000	996,450	64,900,530
Reallocated Bonds	3,400,712	0	0	0	0	0	0	0	3,400,712
Reallocated GF Transfer	400,000	0	0	0	0	0	0	0	400,000
Reallocated Property Tax	38,126	0	0	0	0	0	0	0	38,126
Highway Administration	176,000	176,000	176,000	176,000	176,000	176,000	0	0	1,056,000
Reallocated Highway User Revenue	96,008	0	0	0	0	0	0	0	96,008
Highway User Revenue	1,110,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	0	0	6,610,000
Grants (MDE, CDBG)	0	175,200	0	0	0	0	0	0	175,200
ROADS TOTAL	\$11,933,326	\$12,711,800	\$13,107,000	\$13,921,000	\$14,425,000	\$14,992,000	\$1,208,005	\$996,450	\$83,294,581

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year					Prior Allocation	Balance to Complete	Total Project Cost	
	2016	2017	2018	2019	2020				2021
BRIDGES:									
Bear Run Road over Bear Branch	\$0	\$0	\$0	\$0	\$0	\$240,000	\$0	\$1,300,000	\$1,540,000
Bridge Inspection and Inventory	33,600	33,600	37,000	37,000	37,500	42,000	0	0	220,700
Bridge Maintenance and Structural Repairs	50,700	53,200	55,900	58,700	61,600	64,700	0	0	344,800
Cape Horn Road over Unnamed Stream	372,000	0	0	0	0	0	129,000	0	501,000
Cleaning and Painting of Existing Bridge Structural Steel	79,000	81,800	84,700	87,700	92,100	96,800	0	0	522,100
Gaither Road over South Branch Patapsco River	0	0	230,000	0	1,898,000	0	0	0	2,128,000
Hollingsworth Road over Unnamed Tributary	0	0	0	0	230,000	649,000	0	0	879,000
Stone Chapel Road over Little Pipe Creek	207,000	0	729,000	0	0	0	0	0	936,000
BRIDGES TOTAL	\$742,300	\$168,600	\$1,136,600	\$183,400	\$2,319,200	\$1,092,500	\$129,000	\$1,300,000	\$7,071,600
SOURCES OF FUNDING:									
Transfer from General Fund	\$163,300	\$168,600	\$177,600	\$183,400	\$191,200	\$203,500	\$0	\$0	\$1,087,600
Bonds	419,000	0	237,600	0	673,600	697,000	129,000	260,000	2,416,200
Federal Highway/Bridge	160,000	0	721,400	0	1,454,400	192,000	0	1,040,000	3,567,800
BRIDGES TOTAL	\$742,300	\$168,600	\$1,136,600	\$183,400	\$2,319,200	\$1,092,500	\$129,000	\$1,300,000	\$7,071,600

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
CULTURE AND RECREATION:									
Bark Hill Park Improvements	\$0	\$0	\$473,800	\$0	\$0	\$0	\$0	\$0	\$473,800
Bear Branch Tot Lot	0	116,700	0	0	0	0	0	0	116,700
Community Self-Help Projects	72,000	74,000	76,000	78,000	80,000	82,000	0	0	462,000
Deer Park Tennis and Basketball Court Resurfacing	0	82,400	0	0	0	0	0	0	82,400
Double Pipe Creek Boat Ramp	0	0	110,000	0	0	0	0	0	110,000
Gillis Falls Trail I	0	0	0	379,500	0	0	0	0	379,500
Gillis Falls Trail II	0	0	0	0	0	460,000	0	0	460,000
Park Restoration	106,000	109,600	113,400	117,200	121,200	125,300	0	0	692,700
Recreation and Parks Unallocated	6,293	0	0	0	0	0	0	0	6,293
Sandymount Tennis and Basketball Court Replacement	0	134,200	0	0	0	0	0	0	134,200
Sports Complex Lighting	0	0	556,200	394,000	0	0	0	0	950,200
Sports Complex Overlay	0	215,000	0	0	0	0	0	0	215,000
Tot Lot Replacement	53,500	55,000	56,600	58,300	60,000	61,800	0	0	345,200
Town Fund	10,000	10,000	10,000	10,000	10,000	10,000	0	0	60,000
Westminster Veterans Memorial Park	2,500,000	300,000	0	0	0	0	1,407,596	0	4,207,596
Union Mills - Ongoing Restoration	60,000	25,000	25,000	25,000	25,000	25,000	188,900	0	373,900
CULTURE AND RECREATION TOTAL	\$2,807,793	\$1,121,900	\$1,421,000	\$1,062,000	\$296,200	\$764,100	\$1,596,496	\$0	\$9,069,489
SOURCES OF FUNDING:									
Transfer from General Fund	\$253,350	\$279,260	\$230,060	\$236,029	\$242,200	\$248,480	\$189,000	\$0	\$1,678,379
Bonds	0	0	0	0	0	0	80,168	0	80,168
Reallocated GF Transfer	6,293	0	0	0	0	0	0	0	6,293
Impact Fee - Parks	500,000	125,000	271,000	260,000	0	400,000	155,000	0	1,711,000
Program Open Space	2,048,150	717,640	919,940	565,971	54,000	115,620	1,172,328	0	5,593,649
CULTURE AND RECREATION TOTAL	\$2,807,793	\$1,121,900	\$1,421,000	\$1,062,000	\$296,200	\$764,100	\$1,596,496	\$0	\$9,069,489

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year					Prior Allocation	Balance to Complete	Total Project Cost	
	2016	2017	2018	2019	2020				2021
GENERAL GOVERNMENT:									
Carroll Community College - Systemic Renovations	\$0	\$2,604,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$2,654,000
County Building Systemic Renovations	700,000	0	700,000	725,000	750,000	775,000	0	0	3,650,000
County Phone System Replacement	100,000	0	0	0	0	0	850,000	0	950,000
County Technology	850,000	700,000	721,000	743,000	765,000	788,000	0	0	4,567,000
Courthouse Annex Renovation	210,000	0	0	0	0	0	0	0	210,000
Fleet Lift Replacements	0	0	0	0	166,000	0	0	0	166,000
General Government Unallocated	96,672	0	0	0	0	0	0	0	96,672
Information Technology System Replacement	300,000	0	0	0	0	0	2,620,666	0	2,920,666
Infrastructure Planning Studies	30,000	30,000	30,000	30,000	30,000	30,000	0	0	180,000
Parking Lot Overlays	75,000	79,000	82,000	85,000	89,000	92,000	0	0	502,000
Payroll / Human Resources System Replacement	1,000,000	0	0	0	0	0	0	0	1,000,000
Records Management	30,000	0	0	0	0	0	406,000	0	436,000
Transportation Building Addition	0	64,000	630,000	0	0	0	0	0	694,000
GENERAL GOVERNMENT TOTAL	\$3,391,672	\$3,477,000	\$2,163,000	\$1,583,000	\$1,800,000	\$1,685,000	\$3,926,666	\$0	\$18,026,338
SOURCES OF FUNDING:									
Transfer from General Fund	\$955,000	\$809,000	\$833,000	\$858,000	\$884,000	\$910,000	\$3,135,832	\$0	\$8,384,832
Property Tax	0	0	0	0	0	0	740,834	0	740,834
Bonds	910,000	1,308,400	763,000	725,000	916,000	775,000	50,000	0	5,447,400
Reallocated GF Transfer	1,526,672	0	0	0	0	0	0	0	1,526,672
MD Higher Ed. Comm.	0	1,302,000	0	0	0	0	0	0	1,302,000
Grants (MDE, CDBG)	0	57,600	567,000	0	0	0	0	0	624,600
GENERAL GOVERNMENT TOTAL	\$3,391,672	\$3,477,000	\$2,163,000	\$1,583,000	\$1,800,000	\$1,685,000	\$3,926,666	\$0	\$18,026,338

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 to 2021
Capital Fund

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
GRAND TOTAL-USES	\$45,995,701	\$64,571,300	\$46,247,160	\$43,376,230	\$44,075,760	\$42,051,460	\$7,011,167	\$2,296,450	\$295,625,228
SOURCE OF FUNDING									
-LOCAL-									
Transfer from General Fund	\$2,096,950	\$2,144,360	\$2,198,160	\$2,494,929	\$2,584,900	\$2,679,480	\$3,324,832	\$0	\$17,523,611
Local Income Tax	12,568,090	12,130,240	11,907,130	12,293,390	12,011,060	12,205,040	0	0	73,114,950
Property Tax	727,220	631,060	2,558,980	2,560,140	2,681,000	2,774,520	1,498,839	0	13,431,759
Bonds	17,424,480	33,486,770	20,589,308	20,127,552	20,068,800	19,605,800	860,168	1,256,450	133,419,328
Reallocated Bonds	3,400,712	0	0	0	0	0	0	0	3,400,712
Reallocated General Fund Transfer	1,932,965	0	0	0	0	0	0	0	1,932,965
Reallocated Property Tax	38,126	0	0	0	0	0	0	0	38,126
Impact Fee - Parks	500,000	125,000	271,000	260,000	0	400,000	155,000	0	1,711,000
Ag Transfer Tax	425,000	30,000	30,000	30,000	25,000	25,000	0	0	565,000
LOCAL TOTAL	\$39,113,543	\$48,547,430	\$37,554,578	\$37,766,011	\$37,370,760	\$37,689,840	\$5,838,839	\$1,256,450	\$245,137,451
-STATE-									
Highway Administration	\$176,000	\$176,000	\$176,000	\$176,000	\$176,000	\$176,000	\$0	\$0	\$1,056,000
Reallocated Highway User Revenue	96,008	0	0	0	0	0	0	0	96,008
School Construction	2,276,000	11,624,430	3,802,842	3,310,248	2,697,000	2,778,000	0	0	26,488,520
Ag Preservation (MALPF) / Rural Legacy	500,000	0	1,000,000	0	1,000,000	0	0	0	2,500,000
Highway User Revenue	1,110,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	0	0	6,610,000
Program Open Space	2,048,150	717,640	919,940	565,971	54,000	115,620	1,172,328	0	5,593,649
STATE TOTAL	\$6,206,158	\$14,920,070	\$6,998,782	\$5,152,219	\$5,027,000	\$4,169,620	\$1,172,328	\$0	\$43,646,177
-FEDERAL-									
Highway/Bridge	\$160,000	\$0	\$721,400	\$0	\$1,454,400	\$192,000	\$0	\$1,040,000	\$3,567,800
FEDERAL TOTAL	\$160,000	\$0	\$721,400	\$0	\$1,454,400	\$192,000	\$0	\$1,040,000	\$3,567,800
-OTHER-									
Municipal Grants	\$516,000	\$871,000	\$405,400	\$458,000	\$223,600	\$0	\$0	\$0	\$2,474,000
	0	232,800	567,000	0	0	0	0	0	799,800
OTHER TOTAL	\$516,000	\$1,103,800	\$972,400	\$458,000	\$223,600	\$0	\$0	\$0	\$3,273,800
GRAND TOTAL SOURCES	\$45,995,701	\$64,571,300	\$46,247,160	\$43,376,230	\$44,075,760	\$42,051,460	\$7,011,167	\$2,296,450	\$295,625,228

PUBLIC SCHOOLS

Overview of Public Schools CIP

The Public Schools Community Investment Plan (CIP) includes school construction, such as additions and modernizations, as well as other school related projects. For more than a decade school construction has been primarily funded by Impact Fees, dedicated Income Tax revenue, and State funding.

In September 2012, the Commissioners voted to temporarily reduce the school impact fee to zero, and in October 2013 voted to have those fees remain at zero until FY 17. Impact Fees for schools can only be used to build new schools or additions to existing schools to increase capacity and the Commissioners' efforts in recent years have nearly eliminated capacity needs.

Developing the school construction plan is a complex process involving the Board of Education's plans, priorities and requests, enrollment projections, redistricting plans, and projected development. Historically, the County generally provided funding for three-quarters or more of the school CIP. In the current plan the county is providing 80% of funding.

The focus of the plan has moved towards paying the debt service costs on the new projects, a modernization of Charles Carroll Elementary School and funding the school system's systemic needs such as HVAC improvements and replacements, roof replacements and repairs, and paving.

Even with the \$130 million included in the plan, all project requests could not be included. The Board of Education in recent years has identified a number of needs that have no existing or planned funding. High priorities include:

- A new North Westminster K-8 School
- A new Career and Technology Center
- Westminster West Middle School modernization
- Westminster High School electrical equipment replacement
- Taneytown Elementary School kindergarten addition
- Cranberry Station Elementary kindergarten addition
- Friendship Valley Elementary kindergarten addition
- Sandymount Elementary kindergarten addition

Following this overview are copies of the Board of Education's 2014-2023 Educational Facilities Master Plan and the FY 16 State Capital Improvement Plan Budget Request/FY 2017-2021 Capital Improvement Plan. For additional information on Public School projects please refer to the individual project pages.

FY 2016 CAPITAL IMPROVEMENT PROGRAM BUDGET REQUEST

Priority	State		Local		Prior Authorization/Allocation			Fiscal Year 2015 Funding Request			Total Request	
	State	Local	State	Local	State	County	Total	State	County	Request For		
1							\$ -	\$ -		(P)	\$ 5,527	\$ 5,527
3							\$ 151	\$ 1,369		(SR)	\$ 1,098	\$ 2,467
4								\$ 907		(SR)	\$ 848	\$ 1,755
5								\$ 2,142		(SR)	\$ 1,949	\$ 4,091
6								\$ 1,997		(SR)	\$ 1,865	\$ 3,862
7										(P)	\$ 261	\$ 261
8										(P)	\$ 853	\$ 853
9										(P)	\$ 100	\$ 100
10										(P)	\$ 87	\$ 87
11										(P)	\$ 855	\$ 855
12										(C)	\$ 1,310	\$ 1,310
13										(C)	\$ 160	\$ 160
14										(C)	\$ 50	\$ 50
15										(C)	\$ 60	\$ 60
							\$ -	\$ 6,415	\$ 151	\$ 15,023	\$ 21,438	

NOTE: All dollar figures are shown in thousands

- (S) = HVAC Scope Study
- (FS) = PSCP Required Feasibility Study
- (P) = Planning Approval [State] or Planning Funds [County]
- (SR) = Systemic Renovation
- (C) = Construction Funding
- (E) = Furniture & Equipment Funds

FY 2017-2021 CAPITAL IMPROVEMENT PROGRAM PLAN

(\$,000 omitted)

Project Title	FY2017		FY2018		FY2019		FY2020		FY2021		Total
	State	Local	State	Local	State	Local	State	Local	State	Local	
Modernizations											
New North Westminster K-8 School	\$ 9,828	\$ 44,824	\$ 9,827	\$ 2,438							\$ 66,917
CCCTC Replacement School			\$ 5,959				\$ 16,480	\$ 5,406			\$ 75,972
Westminster West MS Modernization								\$ 70			\$ 4,156
Roof Replacements											
Francis Scott Key HS - Roof Replacement	\$ 1,974	\$ 1,583									\$ 3,557
Sandymount ES - Roof Replacement		\$ 126	\$ 956	\$ 767							\$ 1,849
Spring Garden ES - Roof Replacement			\$ 125	\$ 948	\$ 761						\$ 1,834
Friendship Valley ES - Roof Replacement			\$ 121	\$ 917	\$ 736						\$ 1,774
Piney Ridge ES - Roof Replacement				\$ 89	\$ 671	\$ 538					\$ 1,298
Winfield ES - Roof Replacement				\$ 163	\$ 1,232	\$ 987					\$ 2,382
Carrollowne ES - Roof Replacement					\$ 129	\$ 972	\$ 780				\$ 1,881
Runnymede ES - Roof Replacement					\$ 156	\$ 1,180	\$ 947				\$ 2,283
North Carroll HS - Roof Replacement							\$ 300				\$ 300
Robert Moton ES - Roof Replacement							\$ 166				\$ 166
HVAC-Replacements											
CCCTC - System Replacement	\$ 6,445	\$ 5,012									\$ 11,457
Sandymount ES - System Replacement		\$ 418	\$ 3,162	\$ 2,460							\$ 6,040
Spring Garden ES - System Replacement			\$ 343	\$ 2,594	\$ 2,018						\$ 4,955
Winfield ES - System Replacement				\$ 471	\$ 3,557	\$ 2,766					\$ 6,794
New Windsor MS - System Replacement							\$ 599	\$ 4,531	\$ 3,522	\$ 633	\$ 8,652
Oklahoma Road MS - System Replacement											\$ 633
Kindergarten Additions											
Taneytown ES Kindergarten Addition	\$ 736	\$ 657									\$ 1,393
Cranberry Station ES Kindergarten Addition		\$ 72	\$ 610	\$ 541							\$ 1,223
Friendship Valley ES Kindergarten Addition			\$ 76	\$ 641	\$ 531						\$ 1,248
Sandymount ES Kindergarten Addition					\$ 79	\$ 672	\$ 561				\$ 1,312
Science Room Renovation											
North Carroll High			\$ 865	\$ 875							\$ 1,740
Westminster High			\$ 865	\$ 875							\$ 1,740
South Carroll High				\$ 449	\$ 461						\$ 910
Liberty High				\$ 449	\$ 461						\$ 910
Annual Requests											
Paving		\$ 900		\$ 945			\$ 1,040				\$ 4,970
Technology Improvements		\$ 700		\$ 905			\$ 850				\$ 4,760
Roofing Improvements		\$ 165		\$ 170			\$ 180				\$ 875
Barrier Free Modifications		\$ 50		\$ 50			\$ 50				\$ 250
Relocatable Classroom Movement		\$ 60		\$ 60			\$ 60				\$ 300
Electrical Service Upgrades											
Westminster High Electrical Equipment Replacement	\$ 590	\$ 410		\$ 75	\$ 443	\$ 307					\$ 1,000
Sykesville Middle Electrical Equipment Replacement											\$ 825
Fire Alarm Replacement											
North Carroll High Fire Alarm Replacement		\$ 35	\$ 207	\$ 143							\$ 385
Window Replacements											
South Carroll High Window Replacement			\$ 150	\$ 885	\$ 615						\$ 1,650
Westminster High Window Replacement				\$ 150	\$ 150	\$ 885	\$ 615				\$ 1,650
TOTALS	\$ 19,573	\$ 55,012	\$ 16,492	\$ 16,678	\$ 23,807	\$ 40,863	\$ 23,497	\$ 14,007	\$ 6,683	\$ 13,431	\$ 230,043

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

MODERNIZATIONS	COMPLETION DATE	FISCAL YEARS										NOTES				
		15	16	17	18	19	20	21	22	23	24					
<p>New Northern Westminster Area K-8 Project This new school will replace the current Charles Carroll Elementary, William Winchester Elementary, and East Middle schools. The school will be located on the north side of Westminster between the current William Winchester and Charles Carroll Elementary Schools.</p>	Aug. 2018	FS	P	C	C	O									<p>This project was one of MGT of America's recommended actions. The project was not included in the County's Recommended CIP</p>	
<p>New Career & Technology Center (Replacement) This project involves the design and construction of a new Career & Technology Center to replace the aging facility. In addition to providing a modern school facility to meet the current curriculum, it will also provide space for additional programs that are currently housed in relocatable classrooms.</p>	Aug. 2021			FS	P	P/C	C	C	O						<p>The project was not included in the County's Recommended CIP</p>	
<p>Westminster West Middle Modernization Due to the investment made in the roof replacement and HVAC system replacement at the school, a limited renovation targeting the instructional deficiencies may be a possibility for this school.</p>	Aug. 2023									FS		P	C	O	<p>The project was not included in the County's Recommended CIP</p>	
<p>Westminster High Modernization Due to the large investment made in the HVAC system at the school, a limited renovation targeting the instructional deficiencies may be a possibility for this school.</p>	Aug. 2025												FS	P	C	<p>The project was not included in the County's Recommended CIP</p>
<p>Eldersburg Elementary Modernization Renovations would not involve any of the areas renovated as part of the Open Space Enclosure project.</p>	Aug. 2027														FS	<p>The project was not included in the County's Recommended CIP</p>

FS = Feasibility Study
P = Planning
C= Construction

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

INSTRUCTIONAL PROGRAM	COMPLETION DATE	FISCAL YEARS										NOTES		
		15	16	17	18	19	20	21	22	23	24			
Taneytown Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2017		P	C										Kindergarten Addition Project is not included in Recommended CIP for FY 2014-2019.
Cranberry Station Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2018			P	C									Kindergarten Addition Project is not included in Recommended CIP for FY 2014-2019.
Friendship Valley Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2019				P	C								Kindergarten Addition Project is not included in Recommended CIP for FY 2014-2019.
Sandymount Kindergarten Addition This addition is needed to accommodate full day Kindergarten	Aug. 2020					P		C						Kindergarten Addition Project is not included in Recommended CIP for FY 2014-2019.
North Carroll High Science Room Renovations This project involves 6 original science rooms that have not been renovated.	Aug. 2019				P		C							Project is included in Adopted CIP for FY 2015-2020.
Westminster High Science Room Renovations* This project involves 6 original science rooms that have not been renovated.	Aug. 2019				P		C							Project is included in Adopted CIP for FY 2015-2020.
South Carroll High Science Room Renovations This project involves 2 original science rooms that have not been renovated.	Aug. 2020					P		C						Project is included in Adopted CIP for FY 2015-2020.
Liberty High Science Room Renovations This project involves 4 original science rooms that have not been renovated.	Aug. 2020					P		C						Project is included in Adopted CIP for FY 2015-2020.

*Project would be removed and incorporated into a Modernization if funded in County CIP

P = Planning

C = Construction

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

CAPITAL RENEWAL PROJECTS	COMPLETION DATE	FISCAL YEARS												NOTES		
		15	16	17	18	19	20	21	22	23	24					
Roof Replacement Projects																
Carroll Springs	Aug. 2014	C														
Manchester Elementary	Aug. 2015	C														HVAC Project 2015
Taneytown Elementary	Aug. 2014	C														
Mechanicsville Elementary	Aug. 2015	P	C													
Carroll County Career & Technology Center*	Aug. 2016	P	C													HVAC Project 2017
Westminster Elementary	Aug. 2016		P	C												
South Carroll High	Aug. 2016		P	C												
Westminster High*	Aug. 2016		P	C												
Francis Scott Key High	Aug. 2016		P	C												
Sandymount Elementary	Aug. 2017			P	C											HVAC Project 2018
Spring Garden Elementary	Aug. 2018				P	C										HVAC Project 2019
Friendship Valley Elementary	Aug. 2018				P	C										
Piney Ridge Elementary	Aug. 2019					P	C									
Winfield Elementary	Aug. 2019					P	C									HVAC Project 2020
Carrolltowne Elementary	Aug. 2020						P	C								
Runnymede Elementary	Aug. 2020						P	C								
North Carroll High	Aug. 2021							P	C							
Robert Moton Elementary	Aug. 2021								P	C						
New Windsor Middle	Aug. 2022									P	C					HVAC Project 2021
Oklahoma Road Middle	Aug. 2022										P	C				HVAC Project 2022
Elmer Wolfe Elementary	Aug. 2023											P	C			
Linton Springs Elementary	Aug. 2023												P	C		
Cranberry Station Elementary	Aug. 2024													P		
HVAC Replacement Projects																
Manchester Elementary	Aug. 2015	C														
Carroll County Career & Technology Center*	Aug. 2016		P	C												
Sandymount Elementary	Aug. 2017			P	C											
Spring Garden Elementary	Aug. 2018				P	C										
Winfield Elementary	Aug. 2019					P	C									
New Windsor Middle	Aug. 2020						P	C								
Oklahoma Road Middle	Aug. 2021							P	C							
Linton Springs Elementary	Aug. 2022								P	C						
South Carroll High	Aug. 2023									P	C					
Eldersburg Elementary*	Aug. 2024											P				

*Project would be removed and incorporated into a Modernization if funded in County CIP

P = Planning

C = Construction

CARROLL COUNTY PUBLIC SCHOOLS TEN YEAR FACILITIES MASTER PLAN CALENDAR

CAPITAL RENEWAL PROJECTS	COMPLETION DATE	FISCAL YEARS										NOTES	
		15	16	17	18	19	20	21	22	23	24		
Electrical System Replacement/Upgrades													
Westminster High*	Aug. 2016		P	C									Coordinate with CCCTC Project
Carroll County Career & Technology Center**	Aug. 2016		P	C									Coordinate with HVAC Project
Sykesville Middle	Aug. 2017				P	C							
Fire Alarm Replacement													
Westminster West Middle	Aug. 2014	C											
Carroll County Career & Technology Center**	Aug. 2016		P	C									Coordinate with Electrical & HVAC Project
North Carroll High	Aug. 2017			P	C								
Window Replacement													
Carroll County Career & Technology Center**	Aug. 2016		P	C									Coordinate with HVAC project
South Carroll High	Aug. 2018			P	C								Coordinate with Roof project
Westminster High*	Aug. 2019				P	C							Coordinate with Roof project
Paving Replacement	On-going	C	C	C	C	C	C	C	C	C	C	C	C
Technology Improvements	On-going	C	C	C	C	C	C	C	C	C	C	C	C

Project would be removed and incorporated into a Modernization if funded in County CIP

P = Planning

C = Construction

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
PUBLIC SCHOOLS:									
<u>New Construction, Additions, Modernizations</u>									
Charles Carroll Elementary Modernization	\$1,526,000	\$18,693,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,219,000
High School Science Room Renovations	0	0	3,480,000	1,820,000	0	0	0	0	5,300,000
<u>New Construction, Additions, Modernizations Total</u>	\$1,526,000	\$18,693,000	\$3,480,000	\$1,820,000	\$0	\$0	\$0	\$0	\$25,519,000
Career and Technology Center Roof Replacement	\$2,468,000	\$0	\$0	\$0	\$0	\$0	\$151,000	\$0	\$2,619,000
Francis Scott Key High Roof Replacement	0	274,050	3,734,850	0	0	0	0	0	4,008,900
HVAC - Improvements and Replacements	0	0	0	2,155,000	2,200,000	2,245,000	0	0	6,600,000
Paving	350,000	360,000	370,000	380,000	390,000	400,000	0	0	2,250,000
Relocatable Classroom Removal	160,000	0	170,000	0	180,000	0	0	0	510,000
Roof Repairs	0	165,000	0	175,000	0	185,000	0	0	525,000
Roof Replacements	0	0	0	790,850	2,700,000	2,800,000	0	0	6,290,850
Sandymount Elementary Roof Replacement	0	0	132,300	1,809,150	0	0	0	0	1,941,450
South Carroll High Roof Replacement	283,000	3,999,450	0	0	0	0	0	0	4,282,450
Transfer to Operating Budget for BOE Debt Service	12,058,090	11,605,240	11,367,130	11,738,390	11,441,060	11,620,040	0	0	69,829,950
Westminster Elementary Roof Replacement	1,755,000	0	0	0	0	0	0	0	1,755,000
Westminster High School Roof Replacement	264,000	3,777,900	0	0	0	0	0	0	4,041,900
Other Projects Total	\$17,338,090	\$20,181,640	\$15,774,280	\$17,048,390	\$16,911,060	\$17,250,040	\$151,000	\$0	\$104,654,500
PUBLIC SCHOOLS TOTAL	\$18,864,090	\$38,874,640	\$19,254,280	\$18,868,390	\$16,911,060	\$17,250,040	\$151,000	\$0	\$130,173,500
SOURCES OF FUNDING:									
Local Income Tax	\$12,568,090	\$12,130,240	\$11,907,130	\$12,293,390	\$12,011,060	\$12,205,040	\$0	\$0	\$73,114,950
Bonds	4,020,000	15,119,970	3,544,308	3,264,752	2,203,000	2,267,000	151,000	0	30,570,030
State	2,276,000	11,624,430	3,802,842	3,310,248	2,697,000	2,778,000	0	0	26,488,520
PUBLIC SCHOOLS TOTAL	\$18,864,090	\$38,874,640	\$19,254,280	\$18,868,390	\$16,911,060	\$17,250,040	\$151,000	\$0	\$130,173,500

Charles Carroll Elementary Modernization

District Location: 1

Christian Roop, Budget Analyst (410) 386-2082

Proj #

This project provides funding for the renovation of Charles Carroll Elementary School. Sections of this building are over 50 years old and multiple systemic replacements are necessary. The school also has several educational deficiencies which need to be addressed. A Feasibility Study to evaluate the different options for addressing the physical and educational deficiencies at the school was completed in 2012.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	1,526,000								1,526,000
Land Acquisition									0
Site Work		3,096,000							3,096,000
Construction		13,856,000							13,856,000
Equipment/Furnishings		554,000							554,000
Other		1,187,000							1,187,000
EXPENDITURES									

TOTAL	1,526,000	18,693,000	0	0	0	0	0	0	20,219,000
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SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	1,526,000	11,385,000							12,911,000
State		7,308,000							7,308,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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High School Science Room Renovations

Christian Roop, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding for projects that are part of the Look of the Future High School Science Classroom State initiative. This involves the renovation of aging science classrooms to accommodate the Carroll County Public Schools' technology component into these renovated science laboratory spaces. A large number of high school science classrooms were renovated in the 1990's as part of this initiative. The projects included in the plan include the remaining unrenovated high school science classrooms.

The following projects are planned:

- North Carroll High (6 classrooms) - Design and Construction (FY18)
- Westminster High (6 classrooms) - Design and Construction (FY18)
- South Carroll High (4 classrooms) - Design and Construction (FY19)
- Liberty High (4 classrooms) - Design and Construction (FY19)

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			200,000	110,000					310,000
Land Acquisition									0
Site Work									0
Construction			2,860,000	1,490,000					4,350,000
Equipment/Furnishings			230,000	120,000					350,000
Other			190,000	100,000					290,000

EXPENDITURES

TOTAL	0	0	3,480,000	1,820,000	0	0	0	0	5,300,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Property Tax									0
Bonds			1,750,000	922,000					2,672,000
State			1,730,000	898,000					2,628,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0
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Career and Technology Center Roof Replacement

District Location: 3

Christian Roop, Budget Analyst (410) 386-2082

8501

This project provides funding for the replacement of approximately 94,400 square feet of roofing at the Career and Technology Center. This includes replacing the insulation system, roof drains, and flashings.

County funding for this project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							151,000		151,000
Land Acquisition									0
Site Work									0
Construction	2,265,000								2,265,000
Equipment/Furnishings									0
Other	203,000								203,000
EXPENDITURES									
TOTAL	2,468,000	0	0	0	0	0	151,000	0	2,619,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	1,099,000						151,000		1,250,000
State	1,369,000								1,369,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Francis Scott Key High Roof Replacement

District Location: 1

Christian Roop, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding for the replacement of 135,987 square feet of roofing. This includes replacing the insulation system, roof drains and flashings.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		274,050							274,050
Land Acquisition									0
Site Work									0
Construction			3,427,200						3,427,200
Equipment/Furnishings									0
Other			307,650						307,650
EXPENDITURES									
TOTAL	0	274,050	3,734,850	0	0	0	0	0	4,008,900
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds		274,050	1,662,008						1,936,058
State			2,072,842						2,072,842
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

HVAC - Improvements and Replacements

Christian Roop, Budget Analyst (410) 386-2082

9974

This project provides planned funding for the replacement of aging heating, ventilation, and air conditioning (HVAC) systems in schools. This project also includes funding for scope studies which will be performed one year prior to construction. Projects starting in the near term are budgeted as separate projects. Funding is planned in this project for future HVAC improvements or replacements not yet identified as specific projects.

Future projects in the Board of Education's Facility Master Plan include:

- Sandymount Elementary system replacement - Design (FY17), and Construction (FY18)
- Spring Garden Elementary system replacement - Design (FY18), and Construction (FY19)
- Winfield Elementary system replacement - Design (FY19), and Construction (FY20)
- New Windsor Middle system replacement - Design (FY20), and Construction (FY21)
- Oklahoma Road Middle system replacement - Design (FY21), and Construction (FY22)

County funding for this project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				250,000	250,000	250,000			750,000
Land Acquisition									0
Site Work									0
Construction				1,905,000	1,950,000	1,995,000			5,850,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									

TOTAL	0	0	0	2,155,000	2,200,000	2,245,000	0	0	6,600,000
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SOURCES OF FUNDS									
Transfer from General Fund									0
Property Tax									0
Bonds				1,047,000	1,069,000	1,091,000			3,207,000
State				1,108,000	1,131,000	1,154,000			3,393,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Paving

Christian Roop, Budget Analyst (410) 386-2082

9748

This project provides ongoing funding for maintenance and replacement of the school system's parking areas and driveways. Listed below are the projects in priority order.

2016 - Career and Technology Center (main parking lot)

2017 - Westminster High School (stadium parking lot)

2018 - North Carroll High School (bus loop, service area and lower lot)

2019 - Northwest Middle School (driveway and main lot); Eldersburg Elementary School (bus loop and parking lot)

2020 - East Middle School (main lot and bus area); Freedom Elementary School (entire site); Robert Moton Elementary (entire site)

2021 - Sykesville MS (entire site); Sandymount ES (entire site)

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	350,000	360,000	370,000	380,000	390,000	400,000			2,250,000
Equipment/Furnishings									0
Other									0

EXPENDITURES

TOTAL	350,000	360,000	370,000	380,000	390,000	400,000	0	0	2,250,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Local Income Tax	350,000	360,000	370,000	380,000	390,000	400,000			2,250,000
Property Tax									0
Bonds									0

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Relocatable Classroom Removal

Christian Roop, Budget Analyst (410) 386-2082

9745

This project provides funding for the removal of relocatable classrooms from various school sites where they are no longer needed due to the declining student enrollments. An evaluation of the condition and utilization of the existing relocatable classroom inventory was performed last year. The Board of Education currently has an inventory of 44 relocatable classrooms. Planned funding should address demolition of approximately 80-90% of the inventory.

Projected operating impacts include a reduction of utilities and maintenance.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	160,000		170,000		180,000				510,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	160,000	0	170,000	0	180,000	0	0	0	510,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax	160,000		170,000		180,000				510,000
Property Tax									0
State									0
PROJECTED OPERATING IMPACTS	0	(150,000)	(150,000)	(310,000)	(310,000)	(480,000)			

Roof Repairs

Christian Roop, Budget Analyst (410) 386-2082

9746

This project provides ongoing funding for minor repairs to roofs. Funding is planned to address emergencies, provide the preventive maintenance necessary to maintain the integrity of the roof systems, and to delay the full replacement of the roof.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction		165,000		175,000		185,000			525,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	165,000	0	175,000	0	185,000	0	0	525,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax		165,000		175,000		185,000			525,000
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Roof Replacements

Christian Roop, Budget Analyst (410) 386-2082

8379

This project provides planned funding to replace roofs that are failing and no longer repairable. Projects starting in the near term are budgeted as separate projects. Funding is planned in this project for future roof replacements and has not yet been allocated as specific projects.

Future projects in the Board of Education's Facility Master Plan include:

- Spring Garden ES - Design (FY18) & Construction (FY19)
- Friendship Valley ES - Design (FY18) & Construction (FY19)
- Piney Ridge ES - Design (FY19) & Construction (FY20)
- Winfield ES - Design (FY19) & Construction (FY20)
- Carrolltowne ES - Design (FY20) & Construction (FY21)
- Runnymede ES - Design (FY20) & Construction (FY21)
- North Carroll HS - Design (FY21) & Construction (FY22)
- Robert Moton ES - Design (FY21) & Construction (FY22)

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				250,000	250,000	250,000			750,000
Land Acquisition									0
Site Work									0
Construction				540,850	2,450,000	2,550,000			5,540,850
Equipment/Furnishings									0
Other									0
EXPENDITURES									

TOTAL	0	0	0	790,850	2,700,000	2,800,000	0	0	6,290,850
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SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds				490,680	1,134,000	1,176,000			2,800,680
State				300,170	1,566,000	1,624,000			3,490,170

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Sandymount Elementary Roof Replacement

District Location: 2

Christian Roop, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding for the replacement of 61,044 square feet of roofing. This project includes replacing the insulation system, roof drains and flashings.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			132,300						132,300
Land Acquisition									0
Site Work									0
Construction				1,660,050					1,660,050
Equipment/Furnishings									0
Other				149,100					149,100
EXPENDITURES									
TOTAL	0	0	132,300	1,809,150	0	0	0	0	1,941,450
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds			132,300	805,072					937,372
State				1,004,078					1,004,078
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

South Carroll High Roof Replacement

District Location: 4

Christian Roop, Budget Analyst (410) 386-2082

Proj #

This project provides funding for the replacement of 166,411 square feet of roofing, associated tapered insulation system, and roof drains and flashings.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	283,000								283,000
Land Acquisition									0
Site Work									0
Construction		3,720,150							3,720,150
Equipment/Furnishings									0
Other		279,300							279,300
EXPENDITURES									
TOTAL	283,000	3,999,450	0	0	0	0	0	0	4,282,450
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	283,000	1,779,755							2,062,755
State		2,219,695							2,219,695
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Transfer to Operating Budget for BOE Debt Service

Christian Roop, Budget Analyst (410) 386-2082

9001

A percentage of the local income tax revenue is dedicated to school construction and is appropriated directly into the Capital Fund. A portion of these dedicated funds are transferred to the General Fund to pay debt service related to school construction projects. Due to the transfer from the Capital Fund to the General Fund, this funding is counted twice in the total budget summary.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	12,058,090	11,605,240	11,367,130	11,738,390	11,441,060	11,620,040			69,829,950
EXPENDITURES									
TOTAL	12,058,090	11,605,240	11,367,130	11,738,390	11,441,060	11,620,040	0	0	69,829,950
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax	12,058,090	11,605,240	11,367,130	11,738,390	11,441,060	11,620,040			69,829,950
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Westminster Elementary Roof Replacement

District Location: 3

Christian Roop, Budget Analyst (410) 386-2082

Proj #

This project provides funding for the replacement of 62,506 square feet of roofing, associated tapered insulation system, and roof drains and flashings.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	120,000								120,000
Land Acquisition									0
Site Work									0
Construction	1,500,000								1,500,000
Equipment/Furnishings									0
Other	135,000								135,000
EXPENDITURES									
TOTAL	1,755,000	0	0	0	0	0	0	0	1,755,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	848,000								848,000
State	907,000								907,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Westminster High School Roof Replacement

District Location: 3

Christian Roop, Budget Analyst (410) 386-2082

Proj #

This project provides funding for the replacement of 137,593 square feet of roofing, associated tapered insulation system, and roof drains and flashings.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	264,000								264,000
Land Acquisition									0
Site Work									0
Construction		3,467,100							3,467,100
Equipment/Furnishings									0
Other		310,800							310,800
EXPENDITURES									
TOTAL	264,000	3,777,900	0	0	0	0	0	0	4,041,900
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds	264,000	1,681,165							1,945,165
State		2,096,735							2,096,735
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

CONSERVATION
AND
OPEN SPACE

Overview of Conservation and Open Space CIP

The FY 16 – 21 Conservation and Open Space CIP includes funding for land preservation and water resources. Approximately \$34.0 million is planned for the Agricultural Preservation Program in both the Capital and Operating budgets and is funded with a combination of dedicated Property Tax revenue, bonds, Agricultural Transfer Tax revenue and State participation. Property Tax funding is included to allow for the acquisition of easements through Installment Purchase Agreements and for the payment of interest to landowners.

The FY 16 – 21 CIP continues funding to maintain the County's permit associated with the Federal National Pollutant Discharge Elimination System (NPDES) program. The 2005 – 2010 permit required a total of 10 percent of the County's impervious surface be remediated. The County and the eight municipalities have entered into a memorandum of agreement to combine the municipalities and County into one permit. The new permit is expected to be issued the beginning of 2015. The new permit will also be linked to the Watershed Implementation Plan of the Chesapeake Bay Total Maximum Daily Load (TMDL). The Chesapeake Bay TMDL will set requirements for improving water quality by placing limits on allowable pollutants in bodies of water. The funding levels required for assessment of the watersheds, installation of remediation projects, and post-monitoring efforts to meet the Chesapeake Bay TMDL's have not been clearly identified.

To remain compliant with the NPDES permit a new project, Stormwater Facility Maintenance, has been added to keep stormwater management facilities working properly.

For additional information on these or other Conservation and Open Space projects, please refer to the individual project pages.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
CONSERVATION AND OPEN SPACE:									
Agricultural Land Preservation	\$2,985,520	\$1,994,360	\$4,922,280	\$3,923,440	\$5,039,300	\$4,132,820	\$0	\$0	\$22,997,720
Environmental Compliance	75,000	75,000	75,000	75,000	75,000	75,000	0	0	450,000
Stormwater Facility Maintenance	280,000	300,000	330,000	290,000	440,000	310,000	0	0	1,950,000
Watershed Assessment and Improvement (NPDES)	4,916,000	5,848,000	3,838,000	3,470,000	2,770,000	1,750,000	0	0	22,592,000
CONSERVATION AND OPEN SPACE TOTAL	\$8,256,520	\$8,217,360	\$9,165,280	\$7,758,440	\$8,324,300	\$6,267,820	\$0	\$0	\$47,989,720
SOURCES OF FUNDING:									
Transfer from General Fund	\$325,300	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$0	\$0	\$512,800
Property Tax	727,220	631,060	2,558,980	2,560,140	2,681,000	2,774,520	0	0	11,932,920
Bonds	5,763,000	6,647,800	5,133,400	4,672,800	4,357,200	3,430,800	0	0	30,005,000
Ag Transfer Tax	425,000	30,000	30,000	30,000	25,000	25,000	0	0	565,000
Ag. Preservation (MALPF)	500,000	0	1,000,000	0	1,000,000	0	0	0	2,500,000
Municipal	516,000	871,000	405,400	458,000	223,600	0	0	0	2,474,000
CONSERVATION AND OPEN SPACE TOTAL	\$8,256,520	\$8,217,360	\$9,165,280	\$7,758,440	\$8,324,300	\$6,267,820	\$0	\$0	\$47,989,720

Agricultural Land Preservation

This project provides ongoing funding for the Carroll County Agricultural Land Preservation program. The program provides an opportunity for landowners to make a long-term commitment to agriculture by offering financial incentives in exchange for property development rights. Preserving farmland with permanent easements helps to maintain the rural character of Carroll County and enables agriculture to remain a viable industry.

The County offers two payment options to the landowners: Installment Purchase Agreement (IPA) or lump sum. The IPA option pays the landowner for the easement over a 20-year period. The lump sum option pays for the easement at the time of settlement. The Maryland Agricultural Land Preservation Foundation (MALPF), a lump sum payment program, is jointly funded by the State of Maryland and Carroll County.

Generally 2.25% of the Property Tax revenue is dedicated to the Agricultural Land Preservation Program and is appropriated in the Capital Fund for easement purchases and in the General Fund for interest payments to landowners in the Debt Service - Agricultural Preservation budget. New appropriations have been reduced in FY 16 - 17 drawing down on the existing balance.

The appropriations are listed in the charts below. The Total is for easement purchases, the Projected Operating Impacts are interest payments appropriated to the General Fund, and the Total Appropriation for Ag Pres includes costs for both the lump sum and IPA option.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition	2,985,520	1,994,360	4,922,280	3,923,440	5,039,300	4,132,820			22,997,720
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									

TOTAL	2,985,520	1,994,360	4,922,280	3,923,440	5,039,300	4,132,820	0	0	22,997,720
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SOURCES OF FUNDS

Property Tax	727,220	631,060	2,558,980	2,560,140	2,681,000	2,774,520			11,932,920
Bonds	1,333,300	1,333,300	1,333,300	1,333,300	1,333,300	1,333,300			7,999,800
Ag Transfer Tax	425,000	30,000	30,000	30,000	25,000	25,000			565,000
Ag. Preservation (MALPF)	500,000	0	1,000,000	0	1,000,000	0			2,500,000

PROJECTED OPERATING IMPACTS	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21
	1,402,800	1,596,000	1,789,200	1,917,000	1,927,700	1,968,400

Total Appropriation-IPA	576,110	330,530	1,294,490	1,295,070	1,353,000	1,399,760			6,248,960
Total Appropriation-Lump Sum	576,110	330,530	1,294,490	1,295,070	1,353,000	1,399,760			6,248,960
Total Appropriation-MALPF	1,833,300	1,333,300	2,333,300	1,333,300	2,333,300	1,333,300			10,499,800

Total Appropriation for Ag Pres	4,388,320	3,590,360	6,711,480	5,840,440	6,967,000	6,101,220			33,598,820
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Environmental Compliance

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

8328

This project provides ongoing funding for remediation efforts to maintain compliance with State and Federal environmental permits.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	75,000	75,000	75,000	75,000	75,000	75,000			450,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	75,000	75,000	75,000	75,000	75,000	75,000	0	0	450,000
SOURCES OF FUNDS									
Transfer from General Fund	37,500	37,500	37,500	37,500	37,500	37,500			225,000
Local Income Tax									0
Property Tax									0
Bonds	37,500	37,500	37,500	37,500	37,500	37,500			225,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Stormwater Facility Maintenance

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

Proj #

The project provides ongoing funding for long-term maintenance of County owned stormwater management facilities. These facilities are part of the County's infrastructure which needs periodic maintenance in order to function as designed. The plan is to evaluate and repair 5 to 10 facilities per year over a 30 year period. The funding will be used for pipe replacement, erosion repairs, replacement of filter media, and other repairs which would render the facility non-compliant with the National Pollution Discharge Elimination Municipal Separate Storm Sewer (MS4).

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	60,000	50,000	60,000	125,000	70,000	60,000			425,000
Land Acquisition									0
Site Work									0
Construction	220,000	250,000	270,000	165,000	370,000	250,000			1,525,000
Equipment/Furnishings									0
Other									0

EXPENDITURES

TOTAL	280,000	300,000	330,000	290,000	440,000	310,000	0	0	1,950,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	280,000	300,000	330,000	290,000	440,000	310,000			1,950,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Watershed Assessment and Improvement (NPDES)

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

9920

This project provides ongoing funding to comply with the Federal Clean Water Act. The Act requires the County to secure a permit under the National Pollutant Discharge Elimination System (NPDES) for storm sewer systems. The permit requires the County to map and assess the condition of the storm sewer systems and of the watersheds that discharge into them. The County and the eight municipalities have entered into a memorandum of understanding (MOU) to obtain a joint NPDES permit to address stormwater issues. Under the joint permit, the County is required to mitigate impervious surface runoff. As part of the MOU, the County will manage the construction of mitigation projects on behalf of the municipalities. The municipalities will provide funding to the County equivalent to 20% of the construction cost of municipal impervious acres.

Planned Municipal Funding

FY 16	\$447,700
FY 17	470,100
FY 18	493,600
FY 19	518,300
FY 20	544,200

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	130,000	35,000	265,000	110,000	80,000				620,000
Land Acquisition									0
Site Work									0
Construction	4,786,000	5,813,000	3,573,000	3,360,000	2,690,000	1,750,000			21,972,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	4,916,000	5,848,000	3,838,000	3,470,000	2,770,000	1,750,000	0	0	22,592,000

SOURCES OF FUNDS									
Transfer from General Fund	287,800								287,800
Property Tax									0
Bonds	4,112,200	4,977,000	3,432,600	3,012,000	2,546,400	1,750,000			19,830,200
Municipal	516,000	871,000	405,400	458,000	223,600				2,474,000

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			0

PUBLIC WORKS

Overview of Public Works CIP

The Public Works FY 16 – 21 CIP includes two separate sections: Roads and Bridges.

Approximately \$79 million is included in the FY 16 – 21 CIP to maintain roads throughout the County. Approximately thirty-five percent of the County's road network are considered mainline or collector and arterial roads. These roads typically carry a higher traffic volume. Sixty-five percent are lower volume roadways, including neighborhood roads. Typical repair strategies include: patching, overlay, mill and overlay, full depth reclamation and reconstruction.

The recommendation also includes ongoing bridge maintenance and replacement for five bridges.

For additional information on these or other Public Works projects please refer to the individual project pages.

ROADS

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
ROADS:									
Johnsville Road Sidewalk	\$29,200	\$189,800	\$0	\$0	\$0	\$0	\$0	\$0	\$219,000
Market Street Extension	0	0	0	0	0	63,000	1,208,005	996,450	2,267,455
Pavement Management Program	10,675,000	11,168,000	11,680,000	12,207,000	12,658,000	13,110,000	0	0	71,498,000
Pavement Preservation	1,110,000	1,150,000	1,220,000	1,300,000	1,350,000	1,400,000	0	0	7,530,000
Public Works Unallocated	38,126	0	0	0	0	0	0	0	38,126
Ramp and Sidewalk Upgrades	0	120,000	120,000	144,000	144,000	144,000	0	0	672,000
Small Drainage Structures	81,000	84,000	87,000	90,000	93,000	95,000	0	0	530,000
Storm Drain Inspection	0	0	0	180,000	180,000	180,000	0	0	540,000
ROADS TOTAL	\$11,933,326	\$12,711,800	\$13,107,000	\$13,921,000	\$14,425,000	\$14,992,000	\$1,208,005	\$996,450	\$83,294,581
SOURCES OF FUNDING:									
Transfer from General Fund	\$400,000	\$850,000	\$920,000	\$1,180,000	\$1,230,000	\$1,280,000	\$0	\$0	\$5,860,000
Property Tax	0	0	0	0	0	0	758,005	0	758,005
Bonds	6,312,480	10,410,600	10,911,000	11,465,000	11,919,000	12,436,000	450,000	996,450	64,900,530
Reallocated Bonds	3,400,712	0	0	0	0	0	0	0	3,400,712
Reallocated GF Transfer	400,000	0	0	0	0	0	0	0	400,000
Reallocated Property Tax	38,126	0	0	0	0	0	0	0	38,126
Highway Administration	176,000	176,000	176,000	176,000	176,000	176,000	0	0	1,056,000
Reallocated Highway User Revenue	96,008	0	0	0	0	0	0	0	96,008
Highway User Revenue	1,110,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	0	0	6,610,000
Grants (MDE, CDBG)	0	175,200	0	0	0	0	0	0	175,200
ROADS TOTAL	\$11,933,326	\$12,711,800	\$13,107,000	\$13,921,000	\$14,425,000	\$14,992,000	\$1,208,005	\$996,450	\$83,294,581

Johnsville Road Sidewalk

District Location: 5

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

Proj #

Length: Approximately 790 feet

Limits: Opposite Victor Drive to Bartholow Road

This project provides funding for construction of a sidewalk along Johnsville Road in Freedom. The project will provide sidewalk connection to Eldersburg Elementary School, Liberty High School, residential neighborhoods, and the commercial corridor along MD 32 (Sykesville Road) via Bartholow Road. It is anticipated that 80 percent of design and construction costs would be funded by the Safe Routes to School Program that is administered by the Maryland Department of Transportation.

This project is contingent on receiving grant funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	29,200								29,200
Land Acquisition									0
Site Work									0
Construction		146,000							146,000
Equipment/Furnishings									0
Other		43,800							43,800

EXPENDITURES

TOTAL	29,200	189,800	0	0	0	0	0	0	219,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Property Tax									0
Bonds	29,200	14,600							43,800
Grants (MDE, CDBG)		175,200							175,200

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0
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Market Street Extension

District Location: 3

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

8318

Functional Classification: Collector
 Average Daily Traffic: TBD
 Length: Approximately 1,400 ft
 Limits: MD 140 to Old Westminster Pike

This project provides planned funding for the construction of a more direct connection to MD 140 from Old Westminster Pike, focusing on the goal of creating a safe, efficient and redundant roadway network. By providing a more direct access route to MD 140 from Old Westminster Pike, this connector will reduce traffic on Old Baltimore Road and the local streets that extend from Old Westminster Pike to Old Baltimore Road. The connection to MD 140 will be located at the existing traffic signal at Market Street/Old Baltimore Road.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition						63,000	1,208,005		1,271,005
Site Work								76,650	76,650
Construction								766,500	766,500
Equipment/Furnishings									0
Other								153,300	153,300

EXPENDITURES

TOTAL	0	0	0	0	0	63,000	1,208,005	996,450	2,267,455
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SOURCES OF FUNDS

Transfer from General Fund									0
Local Income Tax									0
Property Tax							758,005		758,005
Bonds						63,000	450,000	996,450	1,509,450

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Pavement Management Program

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

8504

This project provides ongoing funding for the maintenance, repair or rehabilitation of the County's 900 miles of paved roadways. A pavement management software program is used to collect condition information and to recommend the most cost-effective repair. Repair strategies include: patching, overlay, mill and overlay, full depth reclamation, and reconstruction. Drainage structures will be replaced or added where necessary.

Approximately thirty-five percent of the County's road network are considered mainline or collector and arterial roads. These roads typically carry a higher traffic volume. Sixty-five percent are lower volume roadways, including neighborhood roads.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	70,000	70,000	80,000	80,000	90,000	90,000			480,000
Land Acquisition									0
Site Work									0
Construction	10,105,000	10,570,000	11,050,000	11,550,000	11,970,000	12,400,000			67,645,000
Equipment/Furnishings									0
Other	500,000	528,000	550,000	577,000	598,000	620,000			3,373,000
EXPENDITURES									
TOTAL	10,675,000	11,168,000	11,680,000	12,207,000	12,658,000	13,110,000	0	0	71,498,000

SOURCES OF FUNDS									
Transfer from General Fund	400,000	800,000	800,000	800,000	800,000	800,000			4,400,000
Bonds	6,202,280	10,192,000	10,704,000	11,231,000	11,682,000	12,134,000			62,145,280
Reallocated Bonds	3,400,712								3,400,712
Reallocated GF Transfer	400,000								400,000
Highway Administration	176,000	176,000	176,000	176,000	176,000	176,000			1,056,000
Reallocated Highway User Revenue	96,008								96,008

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			0

Pavement Preservation

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

This project provides ongoing funding to place a maintenance seal coat, such as microsurface, on various roads. Pavement preservation is applied to pavements while they are still in good condition and before the onset of serious damage. Annual funding addresses approximately 30-40 miles.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	1,110,000	1,150,000	1,220,000	1,300,000	1,350,000	1,400,000			7,530,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									

TOTAL	1,110,000	1,150,000	1,220,000	1,300,000	1,350,000	1,400,000	0	0	7,530,000
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SOURCES OF FUNDS									
Transfer from General Fund		50,000	120,000	200,000	250,000	300,000			920,000
Local Income Tax									0
Property Tax									0
Highway User Revenue	1,110,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000			6,610,000

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			0

Public Works Unallocated

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9902

This project provides a source of funding in the event a capital project needs funds to cover costs over budget, unanticipated expenses or emergencies. The Unallocated project is similar in nature to the Reserve for Contingency in the General Fund. Any transfers from the project must be approved by the Board of County Commissioners through a Capital Budget Resolution.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	38,126								38,126
EXPENDITURES									
TOTAL	38,126	0	0	0	0	0	0	0	38,126
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Reallocated Property Tax	38,126								38,126
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Ramp and Sidewalk Upgrades

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to upgrade or replace non-compliant sidewalk ramps for ADA accessibility.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work		10,000	10,000	12,000	12,000	12,000			56,000
Construction		100,000	100,000	120,000	120,000	120,000			560,000
Equipment/Furnishings									0
Other		10,000	10,000	12,000	12,000	12,000			56,000

EXPENDITURES

TOTAL	0	120,000	120,000	144,000	144,000	144,000	0	0	672,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds		120,000	120,000	144,000	144,000	144,000			672,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Small Drainage Structures

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9847

This project provides ongoing funding to repair or replace deteriorated drainage structures including culvert pipes, headwalls, and ancillary drainage features. Some recently completed project sites include Salem Bottom Road pipe culvert replacement, Piney Run Court drainage system, and White Rock Road culvert replacement/repairs.

The Department is working towards including all pipe culverts and drainage structures into the Geographic Information System (GIS). Once the locations are identified and mapped, field condition assessments can be made to help determine the most cost effective approach in replacing and repairing these drainage structures.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	81,000	84,000	87,000	90,000	93,000	95,000			530,000
Equipment/Furnishings									0
Other									0

EXPENDITURES

TOTAL	81,000	84,000	87,000	90,000	93,000	95,000	0	0	530,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	81,000	84,000	87,000	90,000	93,000	95,000			530,000

PROJECTED OPERATING IMPACTS

	0	0	0	0	0	0
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Storm Drain Inspection

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to gather video camera data of the older metal storm drain pipes to assess the condition and determine if repairs or replacement are needed. Subsequent funding will be included to address repair or replacement of existing storm drain pipes and structures.

The County maintains about 180 miles (or 950,000 feet) of storm drain infrastructure, mostly located in neighborhoods where curbing and inlets exist. Many of the storm drain systems were constructed in the late 1960s and 1970s and may be reaching the end of their useful life.



	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				180,000	180,000	180,000			540,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	180,000	180,000	180,000	0	0	540,000
SOURCES OF FUNDS									
Transfer from General Fund				180,000	180,000	180,000			540,000
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

BRIDGES

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year					Prior Allocation	Balance to Complete	Total Project Cost	
	2016	2017	2018	2019	2020				2021
BRIDGES:									
Bear Run Road over Bear Branch	\$0	\$0	\$0	\$0	\$0	\$240,000	\$0	\$1,300,000	\$1,540,000
Bridge Inspection and Inventory	33,600	33,600	37,000	37,000	37,500	42,000	0	0	220,700
Bridge Maintenance and Structural Repairs	50,700	53,200	55,900	58,700	61,600	64,700	0	0	344,800
Cape Horn Road over Unnamed Stream	372,000	0	0	0	0	0	129,000	0	501,000
Cleaning and Painting of Existing Bridge Structural Steel	79,000	81,800	84,700	87,700	92,100	96,800	0	0	522,100
Gaither Road over South Branch Patapsco River	0	0	230,000	0	1,898,000	0	0	0	2,128,000
Hollingsworth Road over Unnamed Tributary	0	0	0	0	230,000	649,000	0	0	879,000
Stone Chapel Road over Little Pipe Creek	207,000	0	729,000	0	0	0	0	0	936,000
BRIDGES TOTAL	\$742,300	\$168,600	\$1,136,600	\$183,400	\$2,319,200	\$1,092,500	\$129,000	\$1,300,000	\$7,071,600
SOURCES OF FUNDING:									
Transfer from General Fund	\$163,300	\$168,600	\$177,600	\$183,400	\$191,200	\$203,500	\$0	\$0	\$1,087,600
Bonds	419,000	0	237,600	0	673,600	697,000	129,000	260,000	2,416,200
Federal Highway/Bridge	160,000	0	721,400	0	1,454,400	192,000	0	1,040,000	3,567,800
BRIDGES TOTAL	\$742,300	\$168,600	\$1,136,600	\$183,400	\$2,319,200	\$1,092,500	\$129,000	\$1,300,000	\$7,071,600

Bear Run Road over Bear Branch

District Location: 1

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Local
 Average Daily Traffic: 343
 Bridge No.: CL261



This project provides planned funding to replace the existing three cell culvert structure, located in central Carroll County, west of Westminster. The new structure will be determined based on an alternatives analysis.

This project qualifies for Federal aid funding, which covers 80-percent of the engineering, administrative, and construction costs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design						240,000			240,000
Land Acquisition									0
Site Work								100,000	100,000
Construction								1,015,000	1,015,000
Equipment/Furnishings									0
Other								185,000	185,000
EXPENDITURES									
TOTAL	0	0	0	0	0	240,000	0	1,300,000	1,540,000

SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds						48,000		260,000	308,000
Federal Highway/Bridge						192,000		1,040,000	1,232,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Bridge Inspection and Inventory

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9684

This project provides ongoing funding for the inspection of twenty small structures that do not qualify for Federal funds. The twenty small structures are inspected on the same two-year cycle as the 132 major County-maintained structures. The project includes biennial field inspections as well as completion and submission of inspection reports to the County.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	33,600	33,600	37,000	37,000	37,500	42,000			220,700
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	33,600	33,600	37,000	37,000	37,500	42,000	0	0	220,700
SOURCES OF FUNDS									
Transfer from General Fund	33,600	33,600	37,000	37,000	37,500	42,000			220,700
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Bridge Maintenance and Structural Repairs

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9882

This project provides ongoing funding for preventive maintenance and small repairs to County-maintained bridges including: deck joint replacements, structural steel repairs, concrete patching, sediment removal, stream channel stabilization, traffic barrier replacement, and approach roadway repairs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	50,700	53,200	55,900	58,700	61,600	64,700			344,800
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	50,700	53,200	55,900	58,700	61,600	64,700	0	0	344,800
SOURCES OF FUNDS									
Transfer from General Fund	50,700	53,200	55,900	58,700	61,600	64,700			344,800
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Cape Horn Road over Unnamed Stream

District Location: 1

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

8512

Functional Classification: Minor Collector
 Average Daily Traffic: 1,376
 Bridge No.: CL387



This project provides funding to replace the existing bridge located at the intersection of Cape Horn Road and Harvey Gummel Road. The existing structure is a steel beam bridge on concrete abutments. The new structure will be determined based on an alternatives analysis.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							125,000		125,000
Land Acquisition							4,000		4,000
Site Work	26,000								26,000
Construction	260,000								260,000
Equipment/Furnishings									0
Other	86,000								86,000
EXPENDITURES									
TOTAL	372,000	0	0	0	0	0	129,000	0	501,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	372,000						129,000		501,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Cleaning and Painting of Existing Bridge Structural Steel

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9686

This project provides ongoing funding for cleaning and painting of existing structural steel. Cleaning and painting slows deterioration and extends the useful life of steel structures.

The following bridges are scheduled for cleaning and painting:

- McKinstry's Mill Road over Little Pipe Creek
- Mumma Ford Road over Monocacy River
- Winters Church Road over Little Pipe Creek
- Grimville Road over Gillis Falls
- Woodbine Road over South Branch Patapsco River

The funding amount included in each year covers engineering and 20 percent of the construction.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	17,000	17,800	18,700	19,700	20,700	21,800			115,700
Land Acquisition									0
Site Work									0
Construction	62,000	64,000	66,000	68,000	71,400	75,000			406,400
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	79,000	81,800	84,700	87,700	92,100	96,800	0	0	522,100
SOURCES OF FUNDS									
Transfer from General Fund	79,000	81,800	84,700	87,700	92,100	96,800			522,100
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Gaither Road over South Branch Patapsco River

District Location: border of 4 and 5

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Minor Collector
 Average Daily Traffic: 1,118
 Bridge No.: CL 313



This project provides planned funding to replace the existing steel truss bridge, located in southern Carroll County on the Howard County border, with a new structure. The new structure will be determined based on an alternatives analysis.

This project qualifies for Federal aid funding, which covers 80-percent of the engineering, administrative, and construction costs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design			230,000						230,000
Land Acquisition					5,000				5,000
Site Work					150,000				150,000
Construction					1,503,000				1,503,000
Equipment/Furnishings									0
Other					240,000				240,000
EXPENDITURES									

TOTAL	0	0	230,000	0	1,898,000	0	0	0	2,128,000
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SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds			46,000		443,600				489,600
Federal Highway/Bridge			184,000		1,454,400				1,638,400

PROJECTED OPERATING IMPACTS						
	0	0	0	0	0	0

Hollingsworth Road over Unnamed Tributary

District Location: 2

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Rural Local
 Average Daily Traffic: 1,114
 Bridge No.: CL 348



This project provides planned funding to replace the existing bridge, located in eastern Carroll County near the Baltimore County line, west of Glen Falls Road. The existing structure is a steel beam bridge with a timber deck on stone abutments. The new structure will be determined based on an alternatives analysis. The structure width and waterway opening will be evaluated as part of the analysis.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design					230,000				230,000
Land Acquisition						8,000			8,000
Site Work						53,000			53,000
Construction						530,000			530,000
Equipment/Furnishings									0
Other						58,000			58,000
EXPENDITURES									
TOTAL	0	0	0	0	230,000	649,000	0	0	879,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds					230,000	649,000			879,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Stone Chapel Road over Little Pipe Creek

District Location: 3

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

Proj #

Functional Classification: Minor Collector
 Average Daily Traffic: 4,805
 Bridge No.: CL 363



This project provides planned funding to rehabilitate the existing bridge, located outside of Westminster, near State road MD 31. The scope of the rehabilitation will be determined during the preliminary engineering phase.

This project qualifies for Federal aid funding, which will cover 80 percent of the engineering, administrative, and construction costs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	200,000								200,000
Land Acquisition	7,000								7,000
Site Work			54,000						54,000
Construction			540,000						540,000
Equipment/Furnishings									0
Other			135,000						135,000
EXPENDITURES									

TOTAL	207,000	0	729,000	0	0	0	0	0	936,000
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SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	47,000		191,600						238,600
Federal Highway/Bridge	160,000		537,400						697,400

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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CULTURE
AND
RECREATION

Overview of Culture and Recreation CIP

The Culture and Recreation portion of the FY 16 – 21 CIP provides facilities for passive (natural park areas) and active (ballfields) recreational opportunities. The primary sources of funding for recreation projects are Impact Fees and Program Open Space (POS) funding. Impact Fees are charged to the developers of new homes in Carroll County to partially offset the cost of providing recreation facilities to serve those new homes. POS funding is provided as a portion of the State Real Estate Transfer Tax for the acquisition and development of park facilities. Culture and Recreation projects include Recreation and Parks and the Union Mills Homestead.

Funding is provided in the FY 16 – 21 CIP for the replacement of three tot lots, Sandymount Park, Piney Run Park and Deer Park, primarily through the use of State-funded Program Open Space dollars.

Among new projects included in the plan are Gills Falls Trail II and a nature-themed tot lot at Bear Branch Nature Center. Gills Falls Trail II is a pedestrian trail that will connect Gillis Falls Road at Salt Box Park to Gillis Road.

Westminster Veterans Memorial Park, an active new park planned for construction to begin in FY 16, will include three multi-purpose fields, a playground, pavilions, a walking trail, and parking. This project is funded through Program Open Space and Impact Fees.

The FY 16 – 21 CIP continues to fund Self-Help projects. These projects are cooperative ventures between local community groups and the County, and enable the County's Recreation Councils to define and design projects to enhance park facilities countywide.

For additional information on Culture and Recreation projects, please refer to the individual project pages.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
CULTURE AND RECREATION:									
Bark Hill Park Improvements	\$0	\$0	\$473,800	\$0	\$0	\$0	\$0	\$0	\$473,800
Bear Branch Tot Lot	0	116,700	0	0	0	0	0	0	116,700
Community Self-Help Projects	72,000	74,000	76,000	78,000	80,000	82,000	0	0	462,000
Deer Park Tennis and Basketball Court Resurfacing	0	82,400	0	0	0	0	0	0	82,400
Double Pipe Creek Boat Ramp	0	0	110,000	0	0	0	0	0	110,000
Gillis Falls Trail I	0	0	0	379,500	0	0	0	0	379,500
Gillis Falls Trail II	0	0	0	0	0	460,000	0	0	460,000
Park Restoration	106,000	109,600	113,400	117,200	121,200	125,300	0	0	692,700
Recreation and Parks Unallocated	6,293	0	0	0	0	0	0	0	6,293
Sandymount Tennis and Basketball Court Replacement	0	134,200	0	0	0	0	0	0	134,200
Sports Complex Lighting	0	0	556,200	394,000	0	0	0	0	950,200
Sports Complex Overlay	0	215,000	0	0	0	0	0	0	215,000
Tot Lot Replacement	53,500	55,000	56,600	58,300	60,000	61,800	0	0	345,200
Town Fund	10,000	10,000	10,000	10,000	10,000	10,000	0	0	60,000
Westminster Veterans Memorial Park	2,500,000	300,000	0	0	0	0	1,407,596	0	4,207,596
Union Mills - Ongoing Restoration	60,000	25,000	25,000	25,000	25,000	25,000	188,900	0	373,900
CULTURE AND RECREATION TOTAL	\$2,807,793	\$1,121,900	\$1,421,000	\$1,062,000	\$296,200	\$764,100	\$1,596,496	\$0	\$9,069,489
SOURCES OF FUNDING:									
Transfer from General Fund	\$253,350	\$279,260	\$230,060	\$236,029	\$242,200	\$248,480	\$189,000	\$0	\$1,678,379
Bonds	0	0	0	0	0	0	80,168	0	80,168
Reallocated GF Transfer	6,293	0	0	0	0	0	0	0	6,293
Impact Fee - Parks	500,000	125,000	271,000	260,000	0	400,000	155,000	0	1,711,000
Program Open Space	2,048,150	717,640	919,940	565,971	54,000	115,620	1,172,328	0	5,593,649
CULTURE AND RECREATION TOTAL	\$2,807,793	\$1,121,900	\$1,421,000	\$1,062,000	\$296,200	\$764,100	\$1,596,496	\$0	\$9,069,489

Bark Hill Park Improvements

District Location: 1

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding for improvements to Bark Hill Park, including a playground, a 20' x 40' pavilion, picnic tables, field renovations, an ADA compliant walkway, stone for the expansion of the existing parking lot and landscaping.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction			473,800						473,800
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	473,800	0	0	0	0	0	473,800
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Impact Fee - Parks			60,000						60,000
Program Open Space			413,800						413,800
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Bear Branch Tot Lot

District Location: 1

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding for a playground consistent with the natural environment of Bear Branch Nature Center and its surroundings. Included is poured-in-placed rubberized safety surfacing.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction		116,700							116,700
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	116,700	0	0	0	0	0	0	116,700
SOURCES OF FUNDS									
Transfer from General Fund		12,000							12,000
Local Income Tax									0
Property Tax									0
Program Open Space		104,700							104,700
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Community Self-Help Projects

Lynn Karr, Budget Analyst (410) 386-2082

9735

This project provides ongoing funding for the Self-Help program developed by the Board of County Commissioners in an effort to create community interest and involvement in recreational facilities throughout Carroll County. It has enabled communities to help themselves with recreational programs they define and design. Typical projects include ballfield renovations, pavilions, storage sheds and improvements to existing facilities. Individual projects may not exceed \$20,000 and can receive up to 75% funding from Community Self-Help, up to 85% if it includes volunteer labor. The remaining cost of the project is provided by the community.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	72,000	74,000	76,000	78,000	80,000	82,000			462,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	72,000	74,000	76,000	78,000	80,000	82,000	0	0	462,000
SOURCES OF FUNDS									
Transfer from General Fund	72,000	74,000	76,000	78,000	80,000	82,000			462,000
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Deer Park Tennis and Basketball Court Resurfacing

District Location: 2

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to resurface and repair the tennis and basketball courts at Deer Park. The courts are in need of resurfacing, sealing, new paint lines and the replacement of nets, posts and backboards.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction		82,400							82,400
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	82,400	0	0	0	0	0	0	82,400
SOURCES OF FUNDS									
Transfer from General Fund		8,240							8,240
Local Income Tax									0
Property Tax									0
Program Open Space		74,160							74,160
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Double Pipe Creek Boat Ramp

District Location: 1

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to create a safe, accessible and improved entrance into the Double Pipe Creek waterway. Double Pipe Creek Park has a pavilion, playground and basketball court, and is part of a ten-mile water trail. This project includes a poured concrete staircase and ramp.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction			110,000						110,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	110,000	0	0	0	0	0	110,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Impact Fee - Parks			11,000						11,000
Program Open Space			99,000						99,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Gillis Falls Trail I

District Location: 4

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to establish a 5,700 foot compacted stone pedestrian trail connecting Salt Box Park to Flag Marsh Road near the Equestrian Center. This section of trail will require a boardwalk in several areas and the installation of a pre-engineered bridge to cross the existing stream and to traverse the marshy areas.

Project is contingent on receiving State funding.

Projected operating impacts include general maintenance.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design				20,000					20,000
Land Acquisition									0
Site Work									0
Construction				359,500					359,500
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	379,500	0	0	0	0	379,500
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Impact Fee - Parks				220,000					220,000
Program Open Space				159,500					159,500
PROJECTED OPERATING IMPACTS	0	0	0	0	3,010	3,010			

Gillis Falls Trail II

District Location: 4

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to establish an 8,000 linear foot compacted stone pedestrian walkway/trail connecting Salt Box Park (along Gillis Falls road) to Gillis Road. This section of trail will require a boardwalk in several areas and the installation of a pre-engineered bridge to cross the existing stream and to traverse the marshy areas.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design						20,000			20,000
Land Acquisition									0
Site Work									0
Construction						440,000			440,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	0	0	460,000	0	0	460,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Impact Fee - Parks						400,000			400,000
Program Open Space						60,000			60,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Park Restoration

Lynn Karr, Budget Analyst (410) 386-2082

8232

This project provides ongoing funding for the maintenance and renovation of County park sites due to age and deterioration. Typical projects include general building repairs, asphalt overlays, and fence replacement. Listed below are projects in priority order. However, planned funding is not adequate to complete all projects.

- Hashawha Lake Pavilion Replacement
- Piney Run Park Dock Replacement
- Ballfield Fencing Replacement at Sandymount Park and Deer Park
- Cape Horn Park Walking Trail Overlay
- Bear Branch Pavilion Roof Replacement
- Freedom Park Walking Trail Overlay
- Hashawha Algonquin Building Siding
- Hashawha Iroquois Building Siding
- Hashawha Entrance Road and Parking Lot Overlay
- Deer Park Pavilion Replacement
- Freedom Park Pavilion Roof Replacement
- Deer Park Trail Overlay
- Sports Complex Two Pavilion Roof Replacements

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work	106,000	109,600	113,400	117,200	121,200	125,300			692,700
Construction									0
Equipment/Furnishings									0
Other									0

EXPENDITURES

TOTAL	106,000	109,600	113,400	117,200	121,200	125,300	0	0	692,700
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SOURCES OF FUNDS

Transfer from General Fund	106,000	109,600	113,400	117,200	121,200	125,300			692,700
Local Income Tax									0
Property Tax									0
Reallocated GF Transfer									0

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Recreation and Parks Unallocated

District Location:

Lynn Karr, Budget Analyst (410) 386-2082

9139

This project provides a source of funding in the event a capital project needs funds to cover costs over budget, unanticipated expenses or emergencies. The Unallocated project is similar in nature to the Reserve for Contingency in the General Fund. Any transfers from the project must be approved by the Board of County Commissioners through a Capital Budget Resolution.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	6,293								6,293
EXPENDITURES									
TOTAL	6,293	0	0	0	0	0	0	0	0
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Reallocated GF Transfer	6,293								6,293
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Sandymount Tennis and Basketball Court Replacement

District Location: 2

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to remove and replace tennis and basketball courts at Sandymount Park. The courts are warped and badly cracked and in need of new surfacing. Project includes fabric, paving, sealing, paint, nets, posts and basketball backboards.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction		134,200							134,200
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	134,200	0	0	0	0	0	0	134,200
SOURCES OF FUNDS									
Transfer from General Fund		13,420							13,420
Local Income Tax									0
Property Tax									0
Program Open Space		120,780							120,780
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Sports Complex Lighting

District Location: 1 and 3

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to upgrade the existing lights and add additional lighting fixtures to the fields at the Sports Complex. Funding in FY 18 is for new lights on soccer field #1, replacements lights on softball/baseball fields #1, #2 and #3, and an additional electric panel. FY 19 funding is for new lights on softball/baseball fields # 4 and #5.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction			556,200	394,000					950,200
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	556,200	394,000	0	0	0	0	950,200
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Impact Fee - Parks			200,000	40,000					240,000
Program Open Space			356,200	354,000					710,200
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Sports Complex Overlay

District Location: 1 and 3

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides planned funding to overlay the existing paved road and parking areas at Carroll County Sports Complex. Since the Complex opened in 1989, there has been no resurfacing of existing road and parking areas. Approximately 90,000 people attend programs and activities annually and demand for this facility remains high. This heavy usage over time has created deterioration of the drive and parking areas.

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction		215,000							215,000
Equipment/Furnishings									0
Other									0

EXPENDITURES

TOTAL	0	215,000	0	0	0	0	0	0	215,000
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SOURCES OF FUNDS

Transfer from General Fund		21,500							21,500
Local Income Tax									0
Property Tax									0
Program Open Space		193,500							193,500

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Tot Lot Replacement

Lynn Karr, Budget Analyst (410) 386-2082

9925

This project provides ongoing funding to replace tot lots. The cost includes installation of the tot lot structure, border, and surfacing.

The following tot lot structures are scheduled for replacement in the FY 16 - 21 Community Investment Plan:

FY 16 - Sandymount Park

FY 18 - Deer Park

FY 20 - Freedom Park

Project is contingent on receiving State funding.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	53,500	55,000	56,600	58,300	60,000	61,800			345,200
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	53,500	55,000	56,600	58,300	60,000	61,800	0	0	345,200
SOURCES OF FUNDS									
Transfer from General Fund	5,350	5,500	5,660	5,829	6,000	6,180			34,519
Local Income Tax									0
Property Tax									0
Program Open Space	48,150	49,500	50,940	52,471	54,000	55,620			310,681
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Town Fund

Lynn Karr, Budget Analyst (410) 386-2082

9736

This project provides ongoing funding to towns within the County for 5% of their Program Open Space (POS) projects. Every year since the early 1970s, the State has made Program Open Space funds available to the towns for development of municipal parks. Up to 90% of the cost of the municipal projects may be reimbursed through POS funding. The County contribution shown below is to cover 5% of the total cost of the projects to the approved municipalities. The remaining 5%, as well as any cost overruns, are the responsibility of the towns.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	10,000	10,000	10,000	10,000	10,000	10,000			60,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	10,000	10,000	10,000	10,000	10,000	10,000	0	0	60,000
SOURCES OF FUNDS									
Transfer from General Fund	10,000	10,000	10,000	10,000	10,000	10,000			60,000
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Westminster Veterans Memorial Park

District Location: 3

Lynn Karr, Budget Analyst (410) 386-2082

8175

This project provides funding for the design, engineering, and construction of a 32-acre parcel in the Westminster area into a new active park. Design includes three multi-purpose fields, playground, pavilion, one-mile walking trail, and parking areas. Included in FY 17 is funding for park equipment.

Project is contingent on receiving State funding.

Projected operating impacts include mowing, trash removal and general maintenance.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							200,000		200,000
Land Acquisition							1,207,596		1,207,596
Site Work	1,620,000								1,620,000
Construction	600,000								600,000
Equipment/Furnishings		300,000							300,000
Other	280,000								280,000
EXPENDITURES									
TOTAL	2,500,000	300,000	0	0	0	0	1,407,596	0	4,207,596
SOURCES OF FUNDS									
Transfer from General Fund							100		100
Bonds							80,168		80,168
Impact Fee - Parks	500,000	125,000					155,000		780,000
Program Open Space	2,000,000	175,000					1,172,328		3,347,328
PROJECTED OPERATING IMPACTS	0	2,470	2,510	2,550	2,600	2,680			

Union Mills - Ongoing Restoration

District Location: 1

Lynn Karr, Budget Analyst (410) 386-2082

8477

This project provides ongoing funding for maintenance and repair work at Union Mills Homestead. Planned work for FY 16 is for repairs to the Main House and includes:

- Structural repair to the attic
- Roof repair at chimney
- Mold mitigation

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	60,000	25,000	25,000	25,000	25,000	25,000	188,900		373,900
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	60,000	25,000	25,000	25,000	25,000	25,000	188,900	0	373,900
SOURCES OF FUNDS									
Transfer from General Fund	60,000	25,000	25,000	25,000	25,000	25,000	188,900		373,900
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

GENERAL GOVERNMENT

Overview of General Government CIP

The General Government portion of the Community Investment Plan (CIP) addresses capital projects that do not specifically fit in one of the other five categories: Culture and Recreation, Public Works, Board of Education, Conservation and Open Space, and Enterprise Funds. General Government projects are typically related to the Office of Public Safety, Carroll Community College, Carroll County Public Library, Sheriff Services, and Senior Centers.

Included in FY 16 – 21 is funding for technology improvements for the County Government. Funding is included in the CIP for systemic improvements and renovations for County facilities, including roofs, HVAC components, and parking lots.

Ongoing funding is included for infrastructure planning studies. These studies may include feasibility, impact and conceptual design.

In FY 16 funding is included to create space in order to relieve overcrowding at the Circuit Annex building. The State's Attorney's Office will be relocated from the Circuit Court Annex and the space will be renovated for court employees.

In FY 17, a project is included for systemic renovations at the Community College, including fire alarm upgrades and HVAC and control system replacements.

For additional information on General Government projects, please refer to the individual project pages.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year					Prior Allocation	Balance to Complete	Total Project Cost	
	2016	2017	2018	2019	2020				2021
GENERAL GOVERNMENT:									
Carroll Community College - Systemic Renovations	\$0	\$2,604,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$2,654,000
County Building Systemic Renovations	700,000	0	700,000	725,000	750,000	775,000	0	0	3,650,000
County Phone System Replacement	100,000	0	0	0	0	0	850,000	0	950,000
County Technology	850,000	700,000	721,000	743,000	765,000	788,000	0	0	4,567,000
Courthouse Annex Renovation	210,000	0	0	0	0	0	0	0	210,000
Fleet Lift Replacements	0	0	0	0	166,000	0	0	0	166,000
General Government Unallocated	96,672	0	0	0	0	0	0	0	96,672
Information Technology System Replacement	300,000	0	0	0	0	0	2,620,666	0	2,920,666
Infrastructure Planning Studies	30,000	30,000	30,000	30,000	30,000	30,000	0	0	180,000
Parking Lot Overlays	75,000	79,000	82,000	85,000	89,000	92,000	0	0	502,000
Payroll / Human Resources System Replacement	1,000,000	0	0	0	0	0	0	0	1,000,000
Records Management	30,000	0	0	0	0	0	406,000	0	436,000
Transportation Building Addition	0	64,000	630,000	0	0	0	0	0	694,000
GENERAL GOVERNMENT TOTAL	\$3,391,672	\$3,477,000	\$2,163,000	\$1,583,000	\$1,800,000	\$1,685,000	\$3,926,666	\$0	\$18,026,338
SOURCES OF FUNDING:									
Transfer from General Fund	\$955,000	\$809,000	\$833,000	\$858,000	\$884,000	\$910,000	\$3,135,832	\$0	\$8,384,832
Property Tax	0	0	0	0	0	0	740,834	0	740,834
Bonds	910,000	1,308,400	763,000	725,000	916,000	775,000	50,000	0	5,447,400
Reallocated GF Transfer	1,526,672	0	0	0	0	0	0	0	1,526,672
MD Higher Ed. Comm.	0	1,302,000	0	0	0	0	0	0	1,302,000
Grants (MDE, CDBG)	0	57,600	567,000	0	0	0	0	0	624,600
GENERAL GOVERNMENT TOTAL	\$3,391,672	\$3,477,000	\$2,163,000	\$1,583,000	\$1,800,000	\$1,685,000	\$3,926,666	\$0	\$18,026,338

Carroll Community College - Systemic Renovations

District Location: 3

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

8517

This project provides funding for systemic improvements and renovations to Carroll Community College facilities including heating, ventilation, and air conditioning systems. It is anticipated the State will provide 50 percent of the total funding for this project. Listed below are projects in priority order:

- Honeywell Control systems upgrades
- Fire Alarm upgrades
- Main "A" Building boiler replacements
- Chiller replacements

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							50,000		50,000
Land Acquisition									0
Site Work		518,100							518,100
Construction									0
Equipment/Furnishings		2,085,900							2,085,900
Other									0
EXPENDITURES									
TOTAL	0	2,604,000	0	0	0	0	50,000	0	2,654,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Bonds		1,302,000					50,000		1,352,000
MD Higher Ed. Comm.		1,302,000							1,302,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

County Building Systemic Renovations

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9954

This project provides ongoing funding for systemic improvements and renovations to County facilities including roofing, heating, ventilation, and air conditioning systems. In FY 17, a separate project, Carroll Community College - Systemic Renovations, is planned. Listed below are projects in priority order:

- Citizen Services (Distillery Building) roof
- County Office Building roof
- Courthouse Annex chiller
- Detention Center chiller
- Maintenance Center chiller
- Citizen Services (Distillery Building) AC unit
- Health Department rooftop units
- County Office Building rooftop units
- Eldersburg Library HVAC System
- Maintenance Center Boiler
- Historic Courthouse HVAC system

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	700,000		700,000	725,000	750,000	775,000			3,650,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									

TOTAL	700,000	0	700,000	725,000	750,000	775,000	0	0	3,650,000
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SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	700,000		700,000	725,000	750,000	775,000			3,650,000

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			0

County Phone System Replacement

Lynn Karr, Budget Analyst (410) 386-2082

8412

This project provides funding to replace the existing County government phone system, installed in 1998, with a new Voice Over IP system. Included is the replacement of telephones incompatible with Voice Over IP technology.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	100,000						850,000		950,000
Other									0
EXPENDITURES									
TOTAL	100,000	0	0	0	0	0	850,000	0	950,000
SOURCES OF FUNDS									
Transfer from General Fund							272,754		272,754
Local Income Tax									0
Property Tax							577,246		577,246
Reallocated GF Transfer	100,000								100,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

County Technology

Lynn Karr, Budget Analyst (410) 386-2082

9648

This project provides ongoing funding for systematic replacement of County government information and communication systems including computers, servers, printers, and network infrastructure. The County plans to replace 15% to 18% of its personal computers and printers on an annual basis.

Included in the plan are the following:

- Judicial Dialogue for State's Attorney Office
- Audio Visual Equipment for Circuit Court
- Storage Network (SAN)
- CourtSmart Upgrade for Circuit Court
- V Sphere and Avamar

Projected operating impacts include maintenance costs and software support.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	850,000	700,000	721,000	743,000	765,000	788,000			4,567,000
Other									0
EXPENDITURES									
TOTAL	850,000	700,000	721,000	743,000	765,000	788,000	0	0	4,567,000
SOURCES OF FUNDS									
Transfer from General Fund	850,000	700,000	721,000	743,000	765,000	788,000			4,567,000
Local Income Tax									0
Property Tax									0
Reallocated GF Transfer									0
PROJECTED OPERATING IMPACTS	0	18,000	18,900	19,850	20,850	21,900			

Courthouse Annex Renovation

District Location: 3

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

Proj #

The project provides funding for renovation to 1,200 square feet at the Courthouse Annex. The State's Attorney Office will be moving from the Courthouse Annex and that space will be renovated for use by the Circuit Court. The space will be occupied by the Court Administrator, Drug Court, and Volunteer Community Services.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	19,000								19,000
Land Acquisition									0
Site Work									0
Construction	140,000								140,000
Equipment/Furnishings	32,000								32,000
Other	19,000								19,000
EXPENDITURES									
TOTAL	210,000	0	0	0	0	0	0	0	210,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	210,000								210,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Fleet Lift Replacements

District Location: 3

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9956

This project provides planned funding to continue the replacement of aging vehicle lifts at the maintenance facility. There are nine lifts in total, five above ground and four below ground. This project will replace a below ground lift originally installed in 2001. Additional lifts are scheduled for replacement outside of the six-year plan.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings					166,000				166,000
Other									0
EXPENDITURES									
TOTAL	0	0	0	0	166,000	0	0	0	166,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds					166,000				166,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

General Government Unallocated

Lynn Karr, Budget Analyst (410) 386-2082

9957

This project provides a source of funding in the event a capital project needs funds to cover costs over budget, unanticipated expenses or emergencies. The Unallocated project is similar in nature to the Reserve for Contingency in the General Fund. Any transfers from the project must be approved by the Board of County Commissioners through a Capital Budget Resolution.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	96,672								96,672
EXPENDITURES									
TOTAL	96,672	0	0	0	0	0	0	0	96,672
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Reallocated GF Transfer	96,672								96,672
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Information Technology System Replacement

Lynn Karr, Budget Analyst (410) 386-2082

8006

This project provides funding for converting the County's software applications from the current HP3000 to a Windows based platform. Hewlett Packard ended support for the HP3000 platform in 2006. Conversions to date include Accela Land Management Phases I and II and Financial Management System. The Payroll/Human Resources System Replacement is the next project to be converted and is budgeted as a separate project in order to track project specific expenditures. Funding remains in this project for the Collection System Replacement.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings							2,438,666		2,438,666
Other	300,000						182,000		482,000

EXPENDITURES

TOTAL	300,000	0	0	0	0	0	2,620,666	0	2,920,666
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SOURCES OF FUNDS

Transfer from General Fund							2,557,078		2,557,078
Local Income Tax									0
Property Tax							63,588		63,588
Reallocated GF Transfer	300,000								300,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Infrastructure Planning Studies

Sherree Lima, Management and Budget Project Coordinator (410) 386-2082

9701

This project provides ongoing funding to perform studies needed to develop infrastructure projects. Studies may include feasibility, impact, and conceptual design. Initial planned studies include a conceptual design study for sidewalks and/or trails near William Winchester Elementary and Westminster West Middle schools to Englar Road and a transportation study with a focus on a continuous roadway connection from MD 97 (south of MD 140) to MD 31.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	30,000	30,000	30,000	30,000	30,000	30,000			180,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	30,000	30,000	30,000	30,000	30,000	30,000	0	0	180,000
SOURCES OF FUNDS									
Transfer from General Fund	30,000	30,000	30,000	30,000	30,000	30,000			180,000
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Parking Lot Overlays

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

9921

This ongoing project provides funding to overlay parking lots at County facilities. Listed below are projects in priority order:

- Cooperative Extension Services
- Sandymount Park
- Taneytown Library
- Landon C. Burns Park
- Deer Park
- Vietnam Memorial
- Eldersburg Library

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	75,000	79,000	82,000	85,000	89,000	92,000			502,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	75,000	79,000	82,000	85,000	89,000	92,000	0	0	502,000
SOURCES OF FUNDS									
Transfer from General Fund	75,000	79,000	82,000	85,000	89,000	92,000			502,000
Local Income Tax									0
Property Tax									0
Bonds									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Payroll / Human Resources System Replacement

Lynn Karr, Budget Analyst (410) 386-2082

Proj #

This project provides funding for conversion of the Payroll/Human Resources System from the current HP3000 to a Windows based platform. This conversion was previously included under Information Technology System Replacement, but has been separated to track project specific expenditures.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other	1,000,000								1,000,000

EXPENDITURES

TOTAL	1,000,000	0	0	0	0	0	0	0	1,000,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Reallocated GF Transfer	1,000,000								1,000,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Records Management

Lynn Karr, Budget Analyst (410) 386-2082

8274

This project provides funding for a records management system to be implemented throughout Carroll County Government. With this system, documents are scanned and retained in an electronic format, historical documents are reviewed for retention, indexed, then "back-scanned" to electronic storage. The goal of this project is to reduce hard copy records through electronic compression and storage.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings							141,000		141,000
Other	30,000						265,000		295,000
EXPENDITURES									
TOTAL	30,000	0	0	0	0	0	406,000	0	436,000
SOURCES OF FUNDS									
Transfer from General Fund							306,000		306,000
Local Income Tax									0
Property Tax							100,000		100,000
Reallocated GF Transfer	30,000								30,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Transportation Building Addition

District Location: 3

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides planned funding to build a 1,800 square foot addition to create additional operating, storage, and driver locker space, and an additional restroom at the Carroll County Transportation Building.

This project is contingent on receiving grant funding.

Operating impacts include utilities and insurance.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		64,000							64,000
Land Acquisition									0
Site Work			130,000						130,000
Construction			400,000						400,000
Equipment/Furnishings			50,000						50,000
Other			50,000						50,000
EXPENDITURES									
TOTAL	0	64,000	630,000	0	0	0	0	0	694,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Property Tax									0
Bonds		6,400	63,000						69,400
Grants (MDE, CDBG)		57,600	567,000						624,600
PROJECTED OPERATING IMPACTS									
	0	0	0	8,700	9,000	9,300			

ENTERPRISE FUNDS

Overview of Enterprise Funds CIP

Enterprise Funds are used to account for operations that are financed and operated in a manner similar to private businesses. Carroll County has six enterprise funds: Carroll County Regional Airport, Fiber Network, Firearms Facility, Solid Waste, Septage, and Utilities (Water and Sewer). There are no projects for the Firearms Facility or Septage.

Solid Waste

The Solid Waste Enterprise Fund includes the County's landfill and recycling programs. The CIP includes projects to address landfill gas and groundwater remediation efforts at all the County's landfills.

Utilities

The Bureau of Utilities operates the Freedom Sewer, Freedom Water, the Hampstead Sewer, and several other small water and sewer systems. Projects can generally be divided into those intended to improve the existing system, such as looping projects that improve flows and equalize pressure, and those intended to provide for increases in demand. Included in the FY 16 – 21 CIP is \$12.4 million for the Maryland Department of the Environment mandated Enhanced Nutrient Removal project at the Hampstead Wastewater Treatment Plant, \$3.2 million for three relief sewer projects, and \$1.1 million for four pump station rehabilitation or upgrade projects.

For additional information on these or other Enterprise Fund projects please refer to the individual project pages.

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
AIRPORT ENTERPRISE:									
Grounds and Maintenance Equipment	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000
AIRPORT ENTERPRISE TOTAL	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000
SOURCES OF FUNDING:									
Enterprise Fund - Airport	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000
AIRPORT ENTERPRISE TOTAL	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
FIBER NETWORK ENTERPRISE:									
Equipment Replacement	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000
FIBER NETWORK ENTERPRISE TOTAL	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000
SOURCES OF FUNDING:									
Enterprise Fund - Fiber	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000
FIBER NETWORK ENTERPRISE TOTAL	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	2016	2017	2018	2019	2020	2021	Prior Allocation	Balance to Complete	Total Project Cost
SOLID WASTE ENTERPRISE:									
Bark Hill Remediation and Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$0	\$0	\$30,000
Hodges Remediation and Maintenance	5,000	5,000	5,000	5,000	5,000	5,000	0	0	30,000
Hoods Mill Remediation and Maintenance	40,000	40,000	40,000	40,000	40,000	40,000	0	0	240,000
Northern Landfill Remediation	55,000	55,000	55,000	55,000	55,000	55,000	0	0	330,000
SOLID WASTE ENTERPRISE TOTAL	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$0	\$0	\$630,000
SOURCES OF FUNDING:									
Enterprise Fund - Solid Waste	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$0	\$0	\$630,000
SOLID WASTE ENTERPRISE TOTAL	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$0	\$0	\$630,000

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
UTILITIES ENTERPRISE:									
Freedom District - Relief Sewer No. 2	\$0	\$1,367,000	\$0	\$0	\$0	\$0	\$164,000	\$0	\$1,531,000
Freedom District - Relief Sewer No. 4 (Snowden's Creek)	0	652,000	0	0	0	0	108,500	0	760,500
Freedom District - Relief Sewer No.10 (Sykesville Interceptor)	0	83,000	449,000	0	0	0	405,300	0	937,300
Freedom WWTP Enhanced Nutrient Removal	1,900,000	0	0	0	0	0	9,400,000	0	11,300,000
Gravity Sewer Main - Houcksville Rd to Treatment Plant	1,729,000	0	0	0	0	0	251,400	0	1,980,400
Hampstead WWTP Enhanced Nutrient Removal	12,435,000	0	0	0	0	0	3,000,000	0	15,435,000
Hydrant Replacements	104,000	110,000	115,000	121,000	127,000	133,000	0	0	710,000
Patapsco Valley Pump Station Upgrade	0	0	0	308,000	0	0	0	0	308,000
Sewer Main Rehabilitation	364,000	382,000	401,000	730,000	784,000	823,000	0	0	3,484,000
Sewer Manhole Rehabilitation	211,000	222,000	233,000	245,000	258,000	271,000	0	0	1,440,000
Stone Manor Pump Station Rehabilitation	0	306,000	0	0	0	0	0	0	306,000
Tank Painting, Repair and Rehabilitation	250,000	262,500	297,000	289,000	303,000	342,000	0	0	1,743,500
Town of Sykesville Streetscape- Water and Sewer Upgrades	0	260,000	1,560,000	0	0	0	0	0	1,820,000
Town of Sykesville Water and Sewer Upgrades	0	0	0	0	900,000	1,475,000	0	8,900,000	11,275,000
Water Main Loops	0	202,600	224,100	522,600	386,100	0	489,000	0	1,824,400
Water Main Valve Replacements	164,000	206,000	217,000	228,000	240,000	265,000	0	0	1,320,000
Water Meters	462,000	486,000	510,000	444,000	467,000	389,000	0	0	2,758,000
Water Service Line Replacement	200,000	205,000	210,000	215,000	221,000	226,000	0	0	1,277,000
Water/Sewer Studies	400,000	0	0	0	100,000	0	0	0	500,000
Waters Edge Pump Station Rehabilitation	0	0	275,000	0	0	0	0	0	275,000
West Hampstead Collector Sewer Main Upgrade/Repair	0	1,697,400	0	0	0	0	147,600	0	1,845,000
Winfield Pump Station Upgrade	0	0	0	176,000	0	0	0	0	176,000
UTILITIES ENTERPRISE TOTAL	\$18,219,000	\$6,441,500	\$4,491,100	\$3,278,600	\$3,786,100	\$3,924,000	\$13,965,800	\$8,900,000	\$63,006,100
SOURCES OF FUNDING:									
Transfer from General Fund	\$0	\$0	\$0	\$176,000	\$0	\$0	\$0	\$0	\$176,000
Utilities User Fees	7,942,333	4,339,500	4,042,100	3,102,600	3,786,100	3,924,000	7,021,333	8,900,000	43,057,966
Maintenance Fee	1,266,667	191,463	104,300	0	0	0	2,638,282	0	4,200,712
Area Connection Charges	2,750,000	1,910,537	344,700	0	0	0	4,306,185	0	9,311,422
Grants	6,260,000	0	0	0	0	0	0	0	6,260,000
UTILITIES ENTERPRISE TOTAL	\$18,219,000	\$6,441,500	\$4,491,100	\$3,278,600	\$3,786,100	\$3,924,000	\$13,965,800	\$8,900,000	\$63,006,100

AIRPORT
ENTERPRISE FUND

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
AIRPORT ENTERPRISE:									
Grounds and Maintenance Equipment	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000
AIRPORT ENTERPRISE TOTAL	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000
SOURCES OF FUNDING:									
Enterprise Fund - Airport	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000
AIRPORT ENTERPRISE TOTAL	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$0	\$150,000

Grounds and Maintenance Equipment

District Location: 3

Heidi K. Pepin, Senior Budget Analyst (410) 386-2082

6818

This project provides ongoing funding for airport grounds and maintenance equipment. The Federal Aviation Administration (FAA) has approved the use of rental revenues that are collected from the properties that were jointly purchased by the Airport and the FAA. In FY 16 the runway/taxiway will be marked and painted.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	25,000	25,000	25,000	25,000	25,000	25,000			150,000
Other									0

EXPENDITURES

TOTAL	25,000	25,000	25,000	25,000	25,000	25,000	0	0	150,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Enterprise Fund - Airport	25,000	25,000	25,000	25,000	25,000	25,000			150,000

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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**FIBER NETWORK
ENTERPRISE FUND**

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
FIBER NETWORK ENTERPRISE:									
Equipment Replacement	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000
FIBER NETWORK ENTERPRISE TOTAL	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000
SOURCES OF FUNDING:									
Enterprise Fund - Fiber	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000
FIBER NETWORK ENTERPRISE TOTAL	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$1,100,000	\$0	\$1,400,000

Equipment Replacement

Lynn Karr, Budget Analyst 410-386-2082

6602

This project provides ongoing funding for the replacement of equipment for the Carroll County Public Network. Construction of the Network began in 2006 and was completed in 2013. In addition to the 112 miles of backbone fiber, 33 miles of laterals have been built and over 100 sites have been brought onto the network.

Operating impacts are for ongoing maintenance support for equipment purchased in FY 15.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									
Land Acquisition									
Site Work									
Construction									
Equipment/Furnishings				100,000	100,000	100,000	1,100,000		1,400,000
Other									
EXPENDITURES									
TOTAL	0	0	0	100,000	100,000	100,000	1,100,000	0	1,400,000
SOURCES OF FUNDS									
Transfer from General Fund									
Local Income Tax									
Property Tax									
Enterprise Fund - Fiber				100,000	100,000	100,000	1,100,000		1,400,000
PROJECTED OPERATING IMPACTS	0	55,000	56,600	58,300	60,000	61,200			

**SOLID WASTE
ENTERPRISE FUND**

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	2016	2017	2018	2019	2020	2021	Prior Allocation	Balance to Complete	Total Project Cost
SOLID WASTE ENTERPRISE:									
Bark Hill Remediation and Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$0	\$0	\$30,000
Hodges Remediation and Maintenance	5,000	5,000	5,000	5,000	5,000	5,000	0	0	30,000
Hoods Mill Remediation and Maintenance	40,000	40,000	40,000	40,000	40,000	40,000	0	0	240,000
Northern Landfill Remediation	55,000	55,000	55,000	55,000	55,000	55,000	0	0	330,000
SOLID WASTE ENTERPRISE TOTAL	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$0	\$0	\$630,000
SOURCES OF FUNDING:									
Enterprise Fund - Solid Waste	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$0	\$0	\$630,000
SOLID WASTE ENTERPRISE TOTAL	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$0	\$0	\$630,000

Bark Hill Remediation and Maintenance

District Location: 1

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides ongoing funding to maintain the Bark Hill closed landfill. The Environmental Protection Agency requires a landfill be monitored and maintained for a minimum of thirty years after closing. This funding is used to control the movement and proper handling of the gas and groundwater around the landfill, as well as needed repairs to the site. Prior to FY 16 funding for this project was included in the Closed Landfill project.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocated	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	5,000	5,000	5,000	5,000	5,000	5,000			30,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	5,000	5,000	5,000	5,000	5,000	5,000	0	0	30,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Enterprise Fund - Solid Waste	5,000	5,000	5,000	5,000	5,000	5,000			30,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Hodges Remediation and Maintenance

District Location: 5

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

6532

This project provides ongoing funding to maintain the Hodges closed landfill. The Environmental Protection Agency requires a landfill be monitored and maintained for a minimum of thirty years after closing. This funding is used to control the movement and proper handling of the gas and groundwater around the landfills, as well as needed repairs to the site. Prior to FY 16 funding for this project was included in the Closed Landfill project.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocated	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	5,000	5,000	5,000	5,000	5,000	5,000			30,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	5,000	5,000	5,000	5,000	5,000	5,000	0	0	30,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Enterprise Fund - Solid Waste	5,000	5,000	5,000	5,000	5,000	5,000			30,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Hoods Mill Remediation and Maintenance

District Location: 4

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

6520

This project provides ongoing funding to maintain the closed Hoods Mill Landfill. The Environmental Protection Agency requires a landfill be monitored and maintained for a minimum of thirty years after closing. This funding is used for controlling the movement and proper handling of the gas and groundwater around the landfill and maintenance to the site.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocated	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	40,000	40,000	40,000	40,000	40,000	40,000			240,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	40,000	40,000	40,000	40,000	40,000	40,000	0	0	240,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Enterprise Fund - Solid Waste	40,000	40,000	40,000	40,000	40,000	40,000			240,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Northern Landfill Remediation

District Location: 2

Sheree Lima, Management and Budget Project Coordinator (410) 386-2082

6521

This project provides ongoing funding to test and control the movement, collection, and proper handling of the gas and groundwater at the landfill. Landfill gas and water around the landfill are regulated by the Maryland Department of the Environment.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocated	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	55,000	55,000	55,000	55,000	55,000	55,000			330,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	55,000	55,000	55,000	55,000	55,000	55,000	0	0	330,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Enterprise Fund - Solid Waste	55,000	55,000	55,000	55,000	55,000	55,000			330,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

UTILITIES
ENTERPRISE FUND

COMMUNITY INVESTMENT PLAN FOR FISCAL YEARS 2016 TO 2021

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2016	2017	2018	2019	2020	2021			
UTILITIES ENTERPRISE:									
Freedom District - Relief Sewer No. 2	\$0	\$1,367,000	\$0	\$0	\$0	\$0	\$164,000	\$0	\$1,531,000
Freedom District - Relief Sewer No. 4 (Snowden's Creek)	0	652,000	0	0	0	0	108,500	0	760,500
Freedom District - Relief Sewer No.10 (Sykesville Interceptor)	0	83,000	449,000	0	0	0	405,300	0	937,300
Freedom WWTP Enhanced Nutrient Removal	1,900,000	0	0	0	0	0	9,400,000	0	11,300,000
Gravity Sewer Main - Houcksville Rd to Treatment Plant	1,729,000	0	0	0	0	0	251,400	0	1,980,400
Hampstead WWTP Enhanced Nutrient Removal	12,435,000	0	0	0	0	0	3,000,000	0	15,435,000
Hydrant Replacements	104,000	110,000	115,000	121,000	127,000	133,000	0	0	710,000
Patapsco Valley Pump Station Upgrade	0	0	0	308,000	0	0	0	0	308,000
Sewer Main Rehabilitation	364,000	382,000	401,000	730,000	784,000	823,000	0	0	3,484,000
Sewer Manhole Rehabilitation	211,000	222,000	233,000	245,000	258,000	271,000	0	0	1,440,000
Stone Manor Pump Station Rehabilitation	0	306,000	0	0	0	0	0	0	306,000
Tank Painting, Repair and Rehabilitation	250,000	262,500	297,000	289,000	303,000	342,000	0	0	1,743,500
Town of Sykesville Streetscape- Water and Sewer Upgrades	0	260,000	1,560,000	0	0	0	0	0	1,820,000
Town of Sykesville Water and Sewer Upgrades	0	0	0	0	900,000	1,475,000	0	8,900,000	11,275,000
Water Main Loops	0	202,600	224,100	522,600	386,100	0	489,000	0	1,824,400
Water Main Valve Replacements	164,000	206,000	217,000	228,000	240,000	265,000	0	0	1,320,000
Water Meters	462,000	486,000	510,000	444,000	467,000	389,000	0	0	2,758,000
Water Service Line Replacement	200,000	205,000	210,000	215,000	221,000	226,000	0	0	1,277,000
Water/Sewer Studies	400,000	0	0	0	100,000	0	0	0	500,000
Waters Edge Pump Station Rehabilitation	0	0	275,000	0	0	0	0	0	275,000
West Hampstead Collector Sewer Main Upgrade/Repair	0	1,697,400	0	0	0	0	147,600	0	1,845,000
Winfield Pump Station Upgrade	0	0	0	176,000	0	0	0	0	176,000
UTILITIES ENTERPRISE TOTAL	\$18,219,000	\$6,441,500	\$4,491,100	\$3,278,600	\$3,786,100	\$3,924,000	\$13,965,800	\$8,900,000	\$63,006,100

SOURCES OF FUNDING:

Transfer from General Fund	\$0	\$0	\$0	\$176,000	\$0	\$0	\$0	\$0	\$176,000
Utilities User Fees	7,942,333	4,339,500	4,042,100	3,102,600	3,786,100	3,924,000	7,021,333	8,900,000	43,057,966
Maintenance Fee	1,266,667	191,463	104,300	0	0	0	2,638,282	0	4,200,712
Area Connection Charges	2,750,000	1,910,537	344,700	0	0	0	4,306,185	0	9,311,422
Grants	6,260,000	0	0	0	0	0	0	0	6,260,000
UTILITIES ENTERPRISE TOTAL	\$18,219,000	\$6,441,500	\$4,491,100	\$3,278,600	\$3,786,100	\$3,924,000	\$13,965,800	\$8,900,000	\$63,006,100

Freedom District - Relief Sewer No. 2

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6374

This project provides planned funding to replace the existing eight-inch sewer main with a sixteen-inch main in the vicinity of the Carroll Highlands and Harvest Farms developments to the Carroll Highlands Pump Station. The existing sewer main is currently flowing at three-quarters to full capacity. Enlarging the main will provide relief to the sewer system, allow for increased flows resulting from in-fill development and/or major storm events, and reduction of inflow and infiltration.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							164,000		164,000
Land Acquisition		55,000							55,000
Site Work		109,000							109,000
Construction		1,094,000							1,094,000
Equipment/Furnishings									0
Other		109,000							109,000

EXPENDITURES

TOTAL	0	1,367,000	0	0	0	0	164,000	0	1,531,000
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SOURCES OF FUNDS

Transfer from General Fund									0
Utilities User Fees									0
Maintenance Fee		128,498					20,661		149,159
Area Connection Charges		1,238,502					143,339		1,381,841

PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			
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Freedom District - Relief Sewer No. 4 (Snowden's Creek)

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6376

This project provides planned funding for replacing 2,050 feet of a sewer main that parallels Snowden's Creek Road. A video camera inspection has shown numerous sags in the main which constrict flow and allow storm water inflow and infiltration into the system. The main was originally constructed in 1978.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							108,500		108,500
Land Acquisition		26,000							26,000
Site Work		52,000							52,000
Construction		522,000							522,000
Equipment/Furnishings									0
Other		52,000							52,000
EXPENDITURES									
TOTAL	0	652,000	0	0	0	0	108,500	0	760,500
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees									0
Maintenance Fee		43,684					23,472		67,156
Area Connection Charges		608,316					85,028		693,344
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Freedom District - Relief Sewer No.10 (Sykesville Interceptor)

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6382

This project provides planned funding for the upgrade and repair of a twelve-inch sewer main that runs parallel to the railroad tracks and the South Branch Patapsco River and ends at the Sykesville Pump Station. This section of sanitary sewer main was constructed in 1969. An engineering evaluation will be performed for the possible addition of pump station to move the sewer line from its current location between the CSX line and the river to under Oklahoma Road.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		20,500					79,500		100,000
Land Acquisition		62,500							62,500
Site Work							86,800		86,800
Construction			408,000				217,000		625,000
Equipment/Furnishings									0
Other			41,000				22,000		63,000
EXPENDITURES									
TOTAL	0	83,000	449,000	0	0	0	405,300	0	937,300
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees									0
Maintenance Fee		19,281	104,300				94,149		217,730
Area Connection Charges		63,719	344,700				311,151		719,570
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Freedom WWTP Enhanced Nutrient Removal

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

Project 6419

This project provides funding for the required upgrade at the Freedom District Wastewater Treatment Plant. The Maryland Department of the Environment (MDE) is requiring this wastewater treatment facility to meet the Enhanced Nutrient Removal (ENR) effluent limits. Maryland Environmental Services (MES) operates, maintains, and currently holds the National Pollution Discharge Elimination System Permit (NPDES) issued by the MDE. The total cost estimate of this project is approximately \$26.7 million and this project funds the Bureau of Utilities portion. The funding in FY 16 is for the replacement of the sludge press.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	1,900,000						9,400,000		11,300,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	1,900,000	0	0	0	0	0	9,400,000	0	11,300,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	633,333						3,133,333		3,766,666
Maintenance Fee	1,266,667						2,500,000		3,766,667
Area Connection Charges							3,766,667		3,766,667
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Gravity Sewer Main - Houcksville Rd to Treatment Plant

District Location: 2

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6422

This project provides funding to install a ten-inch force main from an existing force main on Houcksville Road near MD 30 along MD 88 for approximately 2,600 feet, then southeast an additional 3,100 feet to the north side of the Hampstead Wastewater Treatment Plant. Most of the gravity sewer main was installed in the late 1960s and today runs through a very densely populated area.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	24,000						188,550		212,550
Land Acquisition	8,000						62,850		70,850
Site Work	141,000								141,000
Construction	1,414,000								1,414,000
Equipment/Furnishings									0
Other	142,000								142,000
EXPENDITURES									
TOTAL	1,729,000	0	0	0	0	0	251,400	0	1,980,400
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	1,729,000						251,400		1,980,400
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Hampstead WWTP Enhanced Nutrient Removal

District Location: 2

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6430

This project provides funding for the required upgrade at the Hampstead Wastewater Treatment Plant. The Maryland Department of the Environment (MDE) is requiring this wastewater treatment facility to meet the Enhanced Nutrient Removal (ENR) effluent limits.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	400,000						500,000		900,000
Land Acquisition	30,000								30,000
Site Work	235,000								235,000
Construction	11,300,000						2,500,000		13,800,000
Equipment/Furnishings									0
Other	470,000								470,000
EXPENDITURES									
TOTAL	12,435,000	0	0	0	0	0	3,000,000	0	15,435,000
SOURCES OF FUNDS									
Utilities User Fees	3,425,000						3,000,000		6,425,000
Maintenance Fee									0
Area Connection Charges	2,750,000								2,750,000
Grants (MDE, CDBG)	6,260,000								6,260,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Hydrant Replacements

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6359

This project provides ongoing funding to replace the County's 900 hydrants. The annual allocation for this project funds the replacement of approximately 25 hydrants.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings	104,000	110,000	115,000	121,000	127,000	133,000			710,000
Other									0
EXPENDITURES									
TOTAL	104,000	110,000	115,000	121,000	127,000	133,000	0	0	710,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	104,000	110,000	115,000	121,000	127,000	133,000			710,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Patapsco Valley Pump Station Upgrade

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides planned funding to rehabilitate the Patapsco Valley Pump Station, which was built in 2000, with new pumps, controls, grinder, generator, roofing, bypass valving, fencing and paving repairs.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings				280,000					280,000
Other				28,000					28,000
EXPENDITURES									
TOTAL	0	0	0	308,000	0	0	0	0	308,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees				308,000					308,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Sewer Main Rehabilitation

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6421

This project provides ongoing funding for the lining and/or pipe bursting of the sanitary sewer mains. Lining the pipe increases the life of the sewer mains by sealing the joints and cracks and stopping tree roots and inflow and infiltration from damaging the system. Pipe bursting is a trenchless method for replacement of sewer pipes.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	331,000	347,000	364,000	692,000	744,000	781,000			3,259,000
Equipment/Furnishings									0
Other	33,000	35,000	37,000	38,000	40,000	42,000			225,000
EXPENDITURES									
TOTAL	364,000	382,000	401,000	730,000	784,000	823,000	0	0	3,484,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	364,000	382,000	401,000	730,000	784,000	823,000			3,484,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Sewer Manhole Rehabilitation

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6403

This project provides ongoing funding to rehabilitate the Freedom Area's 3,000 sanitary sewer manholes and Hampstead's 1,000 sanitary sewer manholes. The funding for this project will address 40 - 60 manholes annually. Repair strategies include foam injection rehabilitation, structure rehabilitation through spray-on lining, addition of manhole risers to raise top of structures above ground level to 100 year flood plain elevations, and replacement of existing manhole covers with sealed structures.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	211,000	222,000	233,000	245,000	258,000	271,000			1,440,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	211,000	222,000	233,000	245,000	258,000	271,000	0	0	1,440,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	211,000	222,000	233,000	245,000	258,000	271,000			1,440,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Stone Manor Pump Station Rehabilitation

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides planned funding to rehabilitate the Stone Manor Pump Station, which was built in 1997, with new pumps and controls, roofing, a generator, and upgrade of the electrical system.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings		255,000							255,000
Other		51,000							51,000
EXPENDITURES									
TOTAL	0	306,000	0	0	0	0	0	0	306,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees		306,000							306,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Tank Painting, Repair and Rehabilitation

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6332

This project provides ongoing funding for protective coatings to both interior and exterior surfaces, address safety concerns, perform ongoing spot maintenance on coatings to protect asset from corrosion, trim and/or remove trees around the tank that effect the coating, and general security maintenance upgrades of water storage tanks. The following water tank sites are planned for painting as funds become available:

Martz Road
Bark Hill
Liberty

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work	250,000	262,500	275,000	289,000	303,000	318,000			1,697,500
Construction									0
Equipment/Furnishings									0
Other			22,000			24,000			46,000
EXPENDITURES									
TOTAL	250,000	262,500	297,000	289,000	303,000	342,000	0	0	1,743,500
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	250,000	262,500	297,000	289,000	303,000	342,000			1,743,500
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Town of Sykesville Streetscape - Water and Sewer Upgrades

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6431

This project provides planned funding to replace the water and sewer infrastructure on Maryland Route 851. This project will coincide with the Town of Sykesville Streetscape project.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		260,000							260,000
Land Acquisition									0
Site Work									0
Construction			1,300,000						1,300,000
Equipment/Furnishings									0
Other			260,000						260,000
EXPENDITURES									
TOTAL	0	260,000	1,560,000	0	0	0	0	0	1,820,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Enterprise Fund - Utilities		260,000	1,560,000						1,820,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Town of Sykesville Water and Sewer Upgrades

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides planned funding to rehabilitate or replace the cast iron water mains and clay sanitary sewer lines in the Town of Sykesville. The Bureau of Utilities operates and maintains both the water and sewer lines in the Town, which are between 50 and 90 years old. The aging condition of lines has led to water and sanitary sewer breaks, affecting both businesses and residents. Engineering for the project is expected to start in FY 20 and construction will begin in FY 21 and continue through FY 28.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design					900,000				900,000
Land Acquisition									0
Site Work									0
Construction						1,475,000		8,900,000	10,375,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	0	0	0	0	900,000	1,475,000	0	8,900,000	11,275,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees					900,000	1,475,000		8,900,000	11,275,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Water Main Valve Replacements

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6428

This project provides funding to replace the County's water line valves and blow-off valves. Water line valves provide ability to shut off lines in the event of water main breaks or new tappings into the system. Blow-off valves allow for waterline flushing to reduce the buildup of sediment and stagnant water. The planned annual allocation will fund approximately 25 valve replacements.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	164,000	206,000	217,000	228,000	240,000	265,000			1,320,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	164,000	206,000	217,000	228,000	240,000	265,000	0	0	1,320,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	164,000	206,000	217,000	228,000	240,000	265,000			1,320,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Water Main Loops

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6425

This project provides funding to connect various water mains in the Freedom area to provide adequate looping in the Freedom water system. Looping of water mains is the connection of dead ends of two separate water lines. Connecting these lines improves water flow throughout the system, provides for fire flow improvements, and helps maintain and improve water quality.

Projects include:

- Calvert Way and Dale Drive 8" loop (925')
- Kennard Court and Lawrence Court 8" loop (510')
- Sussex Court and Breckenridge Court 8" loop (1,650')
- Brunswick Drive and Woodridge Lane 8" loop (1,050')
- Slacks Road from Quad Lane to Macbeth Way 8" loop (1,150')
- Oklahoma Avenue (Sykesville) from Main Street to end on Oklahoma Avenue 8" loop (1,300')
- Ronsdale Road dead end to Linton Road 8" loop (1,640')

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design/Insp.			24,900	58,100	42,900		154,000		279,900
Land Acquisition		6,800	8,300	19,400	14,300		16,000		64,800
Site Work		22,400	8,300	19,400	14,300				64,400
Construction		155,700	166,000	387,000	286,000		292,000		1,286,700
Equipment/Furnishings									0
Other		17,700	16,600	38,700	28,600		27,000		128,600
EXPENDITURES									
TOTAL	0	202,600	224,100	522,600	386,100	0	489,000	0	1,824,400

SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees		202,600	224,100	522,600	386,100		489,000		1,824,400
Maintenance Fee									0
Area Connection Charges									0

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			0

Water Meters

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6311

This project provides ongoing funding for the upgrade and replacement of the 10,000 existing meters. The upgrade will include software and hardware equipment that will enable staff to collect meter readings while driving by homes and could also include replacement of the vault and/or conversion from curb stop type water house connections to meter vault type connections. The conversion to meter vaults would move the meter from inside private houses to a vault located in the County right-of-way to allow easier maintenance and meter readings.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	42,000	45,000	47,000	49,000	52,000	54,000			289,000
Equipment/Furnishings	420,000	441,000	463,000	395,000	415,000	335,000			2,469,000
Other									0
EXPENDITURES									
TOTAL	462,000	486,000	510,000	444,000	467,000	389,000	0	0	2,758,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	462,000	486,000	510,000	444,000	467,000	389,000			2,758,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Water Service Line Replacement

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6429

This project provides ongoing funding to replace water service lines and water meter pig-tails in the Freedom area of the County. The service lines vary in length, but typically average 50 to 75 feet. The annual allocation for this project funds the replacement of approximately 60 water service lines each year.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction	200,000	205,000	210,000	215,000	221,000	226,000			1,277,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	200,000	205,000	210,000	215,000	221,000	226,000	0	0	1,277,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	200,000	205,000	210,000	215,000	221,000	226,000			1,277,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Water/Sewer Studies

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6385

This project provides funding for a study of the Freedom water distribution system and of the Freedom and Hampstead sewer collection systems. The studies performed will include asset conditions, expected life, capacity condition, breaches in system, etc. The study will also become a platform for follow-up studies to keep the study up-to-date for the budgeting and maintenance scheduling.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	400,000				100,000				500,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	400,000	0	0	0	100,000	0	0	0	500,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees	400,000				100,000				500,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Waters Edge Pump Station Rehabilitation

District Location: 5

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides planned funding to rehabilitate the Waters Edge Pump Station, which was built in 2001, with new pump assembly, roofing, updated electric controls, grinder, paving and fencing.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings			230,000						230,000
Other			45,000						45,000
EXPENDITURES									
TOTAL	0	0	275,000	0	0	0	0	0	275,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees			275,000						275,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

West Hampstead Collector Sewer Main Upgrade/Repair

District Location: 2

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

6426

This project provides planned funding for the upgrade, repair and/or replacement of the clay sewer main serving Carroll Street, Houcksville Road, Gill Avenue, and Shiloh Road on the west side of the Town of Hampstead. The main was originally constructed in 1968.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							147,600		147,600
Land Acquisition									0
Site Work		73,800							73,800
Construction		1,476,000							1,476,000
Equipment/Furnishings									0
Other		147,600							147,600
EXPENDITURES									
TOTAL	0	1,697,400	0	0	0	0	147,600	0	1,845,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Utilities User Fees		1,697,400					147,600		1,845,000
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Winfield Pump Station Upgrade

District Location: 4

Robin Hooper, Management and Budget Project Coordinator (410) 386-2082

Proj #

This project provides planned funding to rehabilitate the Winfield Pump Station, which was built in 1993, with new pumps, control systems, roofing, generator, bypass valving, and paving. This pump station was built by the Board of Education specifically for Winfield Elementary School on Salem Bottom Road.

	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings				160,000					160,000
Other				16,000					16,000
EXPENDITURES									
TOTAL	0	0	0	176,000	0	0	0	0	176,000
SOURCES OF FUNDS									
Transfer from General Fund				176,000					176,000
Utilities User Fees									0
Maintenance Fee									0
Area Connection Charges									0
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

GLOSSARY

GLOSSARY OF TERMS

AGRICULTURE TRANSFER TAX Tax on the sale of property located within an area zoned for agriculture; proceeds are used to help fund the Agricultural Land Preservation Program.

APPROPRIATION The County's legal authorization to spend a specific amount of money for a particular purpose during a fiscal period.

BALANCED BUDGET A budget in which total expenditures equal total revenues. By State Law, the County's budget must be balanced.

BOND An investment grade interest-bearing certificate of indebtedness sold by the County or another governmental agency to generate funds. The bond guarantees payment of the original investment plus interest by a specified date or dates in the future. Bonds typically involve long-term indebtedness to pay for capital projects.

BONDED DEBT The total amount owed by the County as a result of the sale of general obligation or other bonds guaranteed by the County Government.

BUREAU A sub-unit within a department with its own budget. For example, the Bureau of Accounting is a bureau within the Department of the Comptroller.

CAPITAL BUDGET This budget funds major construction and improvement projects such as schools, bridges, and roads.

COMMUNITY INVESTMENT PLAN (CIP) A six-year plan showing anticipated capital projects and required funding.

DEBT SERVICE The annual payment of principal and interest on the County's bonded debt.

DEPARTMENT A County agency or office consisting of one or more bureaus. Examples are the Department of Economic Development and the Department of Public Works.

DISTRICT LOCATION The location of a project based on the five voting population districts within Carroll County.

ENTERPRISE FUND A fund established to account for the financing of certain self-supporting services provided by the County government. The services generate their own revenues from fees, charges, and other receipts. Carroll County presently has six enterprise funds: one to operate Sewer and/or Water facilities, one to operate the Septage facility, one that manages the Solid Waste and recycling efforts, one for the operations of the Airport, one for the Fiber Network, and one for the Firearms Facility.

FISCAL YEAR A twelve-month period of time to which the annual operating and capital budgets apply. Carroll County's fiscal year commences July 1st and ends the following June 30th.

FUND A separate budget/accounting entity with its own revenues and appropriations. The general fund, for example, covers most of the daily operations of the County agencies and is funded by a variety of taxes and other revenues.

GRANT A contribution of assets (usually cash) from one governmental unit (typically the State or Federal government) or other organization to another. The contribution is usually provided in support of a particular public function, project or program.

IMPACT FEES Charges imposed upon additional development for capital infrastructure improvements that must be provided by the local government to serve the new structures.

OPERATING BUDGET The annual budget, which supports the day-to-day operations of County agencies.

OPERATING IMPACTS The operating budget impacts that will be incurred as a result of project implementation. Examples include utilities, maintenance, and personnel costs.

PAYGO A fiscal policy by which capital projects are funded with current revenue rather than long-term or bonded debt. In Carroll County, in addition to transfer to capital, other sources of current revenue are appropriated directly to the capital budget: property tax devoted to capital, local income tax devoted to capital, fund balance appropriation, bond interest and impact fees.

PROGRAM OPEN SPACE A State program that helps finance investment in park facilities and land.

RESERVE FOR CONTINGENCIES Funds budgeted to provide for unforeseen expenses or emergencies that arise during the fiscal year.

REVENUES Monies received by the County to support its budget and enable the employees to provide service needed by the public. Property taxes, building permits and receipts from State and Federal sources are examples. By law, revenues must meet or exceed appropriations.

SEMI-AUTONOMOUS AGENCIES Agencies of the County which are not subject to full County appropriation authority due to State Law, such as Carroll Community College, Carroll County Public Library, Health Department, the Board of Education and the Carroll County Volunteer Emergency Services Association.

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