

Overview of Conservation and Open Space CIP

The Conservation and Open Space FY 11-16 CIP has the fewest projects but includes some of the Commissioners' highest priorities: land preservation and water resources. Approximately \$45 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.

In order to address water supply issues in Carroll County, \$33 million is planned in the FY 11-16 CIP for water infrastructure such as wells, pumping stations, and pipelines, and for acquisition of land in the Gillis Falls and Union Mills reservoir areas.

The FY 11-16 CIP includes continued funding to maintain the County's permit associated with the Federal National Pollutant Discharge Elimination System (NPDES) program. Total Maximum Daily Load (TMDL), established by state regulations, set requirements for improving water quality by placing limits on pollutants allowable in bodies of water. Planned funding for watershed monitoring and restoration will help to identify and address TMDL issues.

Planned funding is also included for the Patapsco Road project to address flooding and run-off issues in the watershed of the West Branch of the Patapsco River. Multiple projects are being designed to mitigate problems and restore the natural and man-made systems within the watershed.

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 2011 TO 2016

Adopted

	Fiscal Year						Prior Allocation	Balance to Complete	Total Project Cost
	2011	2012	2013	2014	2015	2016			
CONSERVATION AND OPEN SPACE:									
Agricultural Land Preservation	\$3,807,330	\$5,068,330	\$4,965,330	\$4,063,330	\$4,457,330	\$4,656,750	\$0	\$0	\$27,018,400
Environmental Compliance	100,000	100,000	100,000	100,000	100,000	100,000	0	0	600,000
Land Bank	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	0	0	7,200,000
Patapsco Road Watershed Project	625,000	406,000	0	0	0	0	983,612	0	2,014,612
Roadway Evaluation Studies	15,000	15,000	15,000	15,000	15,000	15,000	0	0	90,000
Rural Legacy	1,500,000	0	0	0	0	0	0	0	1,500,000
Storm Water Facility Reconstruction	555,000	570,000	590,000	605,000	625,000	640,000	0	0	3,585,000
Water Development	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	17,257,009	129,950,000	180,207,009
Watershed Assessment and Improvement (NPDES)	2,675,000	2,780,000	2,985,000	3,440,000	3,445,000	3,700,000	0	0	19,025,000
CONSERVATION AND OPEN SPACE TOTAL	\$15,977,330	\$15,639,330	\$15,355,330	\$14,923,330	\$15,342,330	\$15,811,750	\$18,240,621	\$129,950,000	\$241,240,021

SOURCES OF FUNDING:

Transfer from General Fund	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$0	\$0	\$75,000
Property Tax	2,474,000	2,435,000	2,307,000	1,380,000	1,749,000	1,948,400	1,260,000	0	13,553,400
Bonds	6,362,600	11,889,330	11,708,330	12,178,330	12,203,330	12,473,350	13,961,409	129,950,000	210,726,679
Bond Interest	0	0	0	0	0	0	3,000,000	0	3,000,000
Reallocated Bonds	5,620,000	0	0	0	0	0	0	0	5,620,000
Reallocated GF Transfer	5,730	0	0	0	0	0	0	0	5,730
Reallocated Property Tax	15,000	0	0	0	0	0	0	0	15,000
Ag Transfer Tax	0	50,000	75,000	100,000	125,000	125,000	0	0	475,000
State Ag. Preservation (MALPF)	0	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	0	0	6,250,000
Grants (MDE, Rural Legacy, CDBG, Bay Fund)	1,500,000	0	0	0	0	0	19,212	0	1,519,212
CONSERVATION AND OPEN SPACE TOTAL	\$15,977,330	\$15,639,330	\$15,355,330	\$14,923,330	\$15,342,330	\$15,811,750	\$18,240,621	\$129,950,000	\$241,240,021

Agricultural Land Preservation

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9007

This project provides funding for the Carroll County Agricultural Land Preservation program by encouraging landowners to make a long-term commitment to agriculture by offering financial incentives in exchange for giving up their right to develop their private property. Preserving farmland with permanent easements helps to maintain the rural character of Carroll County, enables agriculture to remain a viable industry, and reduces the amount of residential development taking place outside of targeted growth areas. The Agricultural Land Preservation program reduces the strain that would be put on our existing infrastructure and helps to avoid major investments in new infrastructure, such as schools, roads, water, and wastewater facilities. The program is funded by the County and the State, however, the level of funding the County has committed to this program far exceeds the amounts granted by the Maryland Agricultural Land Preservation Foundation (MALPF).

The Board of County Commissioners accelerated the rate of easement purchases by increasing funding in FY 10 to approximately \$17 million and by adopting a new strategy of using installment purchase agreements (zero-coupon IPA's). Operating impacts are interest payments to landowners and are paid from the general fund debt service budget. The total cost of the agricultural land preservation program is the sum of the capital appropriation and interest payments.

At the end of FY 09, more than 55,000 acres have been preserved through all programs.

For more information on Agricultural Land Preservation programs and eligibility requirements, please visit our website at:
<http://ccgoverment.carr.org/ccg/agpres>

	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition	3,807,330	5,068,330	4,965,330	4,063,330	4,457,330	4,656,750			27,018,400
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	3,807,330	5,068,330	4,965,330	4,063,330	4,457,330	4,656,750	0	0	27,018,400

SOURCES OF FUNDS									
Transfer from General Fund									0
Property Tax	2,474,000	2,435,000	2,307,000	1,380,000	1,749,000	1,948,400			12,293,400
Bonds	1,333,330	1,333,330	1,333,330	1,333,330	1,333,330	1,333,350			8,000,000
Ag Transfer Tax		50,000	75,000	100,000	125,000	125,000			475,000
State Ag. Preservation (MALPF)		1,250,000	1,250,000	1,250,000	1,250,000	1,250,000			6,250,000
PROJECTED OPERATING IMPACTS	1,795,000	2,311,000	2,911,000	3,391,000	3,751,000	4,051,000			18,210,000
Total Appropriation for Ag Pres	5,602,330	7,379,330	7,876,330	7,454,330	8,208,330	8,707,750			45,228,400

Land Bank

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9002

This on-going project provides funding for the purchase of highway bypass corridors, right-of-way segments for roads, and land to be used for future Community Investment Plan projects including school sites.

	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000			7,200,000
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	0	0	7,200,000
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000			7,200,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			0

Patapsco Road Watershed Project

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8293

This project provides funding to address flooding and runoff issues in the watershed of the West Branch of the Patapsco River. Multiple individual projects, such as stream restorations, storm water management ponds, and stream crossing structures, will be designed and constructed in an effort to eliminate flooding conditions, roadway deterioration, and improve water quality in the watershed. The County, additionally, has spent \$2 million on agricultural land preservation easements associated with this watershed project.



This effort will be undertaken with assistance from multiple state and federal agencies as well as cooperation from property owners in the watershed. In addition to addressing flooding and water quality issues, the project will also provide watershed improvements as outlined in the 2005 Reservoir Watershed Management Agreement.

	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design		80,000					181,750		261,750
Land Acquisition							30,000		30,000
Site Work									0
Construction	619,000	320,000					754,212		1,693,212
Equipment/Furnishings									0
Other	6,000	6,000					17,650		29,650
EXPENDITURES									
TOTAL	625,000	406,000	0	0	0	0	983,612	0	2,014,612
SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	625,000	406,000					964,400		1,995,400
Grants (MDE, CDBG)							19,212		19,212
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Roadway Evaluation Studies

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9701

This project provides funding for study of transportation issues relating to environmental impacts, roadway alignments, intersection geometrics and signalization, improved pedestrian facilities, and permitting.

	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	15,000	15,000	15,000	15,000	15,000	15,000			90,000
Land Acquisition									0
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	15,000	15,000	15,000	15,000	15,000	15,000	0	0	90,000
SOURCES OF FUNDS									
Transfer from General Fund		15,000	15,000	15,000	15,000	15,000			75,000
Local Income Tax									0
Property Tax									0
Bonds									0
Reallocated Property Tax	15,000								15,000
PROJECTED OPERATING IMPACTS	0	0	0	0	0	0			

Rural Legacy

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9851

Rural Legacy is a State of Maryland grant program designed to protect large blocks of farms and open spaces through the purchase of conservation easements from landowners. The conservation easements, held by the County and State, protect land from the adverse impacts of development which threaten the land's agricultural viability, natural resources, and historic features. Rural Legacy is compatible with the County's goals for agricultural land use. Funding is anticipated for the two Rural Legacy areas in Carroll County: Upper Patapsco and Little Pipe Creek.

Little Pipe Creek



Upper Patapsco Watershed



	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition	1,500,000								1,500,000
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
EXPENDITURES									

TOTAL	1,500,000	0	0	0	0	0	0	0	1,500,000
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SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds									0
Grants (MDE, Rural Legacy)	1,500,000								1,500,000

PROJECTED OPERATING IMPACTS									
	0	0	0	0	0	0			0

Water Development

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8294

This existing project provides funding for infrastructure to transport water and for water source development in order to address water supply issues throughout Carroll County. Water source development may include new groundwater wells, surface water intake and storage facilities, and the development of reservoirs in both the Gillis Falls and Union Mills watersheds. Potential construction of reservoirs and associated facilities would be beyond the six-year CIP.



	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design							4,000,000		4,000,000
Land Acquisition	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	13,257,009		46,257,009
Site Work									0
Construction								129,950,000	129,950,000
Equipment/Furnishings									0
Other									0

EXPENDITURES

TOTAL	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	17,257,009	129,950,000	180,207,009
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SOURCES OF FUNDS

Transfer from General Fund									0
Property Tax							1,260,000		1,260,000
Bonds		5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	12,997,009	129,950,000	170,447,009
Bond Interest							3,000,000		3,000,000
Reallocated Bonds	5,494,270								5,494,270
Reallocated GF Transfer	5,730								5,730

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

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9920

The Federal Clean Water 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 it. The FY 10-15 permit requires the County to implement regular watershed improvement projects and provide for restored management to an area equivalent to 20 percent of the County's impervious area or 2,200 acres.

	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	175,000	180,000	185,000	190,000	195,000	200,000			1,125,000
Land Acquisition									0
Site Work									0
Construction	2,500,000	2,600,000	2,800,000	3,250,000	3,250,000	3,500,000			17,900,000
Equipment/Furnishings									0
Other									0
EXPENDITURES									
TOTAL	2,675,000	2,780,000	2,985,000	3,440,000	3,445,000	3,700,000	0	0	19,025,000

SOURCES OF FUNDS									
Transfer from General Fund									0
Local Income Tax									0
Property Tax									0
Bonds	2,675,000	2,780,000	2,985,000	3,440,000	3,445,000	3,700,000			19,025,000
Grants (MDE, CDBG)									0

PROJECTED OPERATING IMPACTS						
	0	0	0	0	0	0