

## **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 has been issued. 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 Restoration, has to be added to keep stormwater management facilities working properly and extend their useful life.

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			
<b>CONSERVATION AND OPEN SPACE:</b>									
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 Renovation	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
<b>CONSERVATION AND OPEN SPACE TOTAL</b>	<b>\$8,256,520</b>	<b>\$8,217,360</b>	<b>\$9,165,280</b>	<b>\$7,758,440</b>	<b>\$8,324,300</b>	<b>\$6,267,820</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47,989,720</b>
<b>SOURCES OF FUNDING:</b>									
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
<b>CONSERVATION AND OPEN SPACE TOTAL</b>	<b>\$8,256,520</b>	<b>\$8,217,360</b>	<b>\$9,165,280</b>	<b>\$7,758,440</b>	<b>\$8,324,300</b>	<b>\$6,267,820</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47,989,720</b>

# Agricultural Land Preservation

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

9007

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. Appropriations in FY 16 and FY 17 have been reduced to draw 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

<b>TOTAL</b>	<b>2,985,520</b>	<b>1,994,360</b>	<b>4,922,280</b>	<b>3,923,440</b>	<b>5,039,300</b>	<b>4,132,820</b>	<b>0</b>	<b>0</b>	<b>22,997,720</b>
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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

<b>PROJECTED OPERATING IMPACTS</b>	<b>1,402,800</b>	<b>1,596,000</b>	<b>1,789,200</b>	<b>1,917,000</b>	<b>1,927,700</b>	<b>1,968,400</b>			
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<b>Total Appropriation-IPA</b>	<b>576,110</b>	<b>330,530</b>	<b>1,294,490</b>	<b>1,295,070</b>	<b>1,353,000</b>	<b>1,399,760</b>			<b>6,248,960</b>
<b>Total Appropriation-Lump Sum</b>	<b>576,110</b>	<b>330,530</b>	<b>1,294,490</b>	<b>1,295,070</b>	<b>1,353,000</b>	<b>1,399,760</b>			<b>6,248,960</b>
<b>Total Appropriation-MALPF</b>	<b>1,833,300</b>	<b>1,333,300</b>	<b>2,333,300</b>	<b>1,333,300</b>	<b>2,333,300</b>	<b>1,333,300</b>			<b>10,499,800</b>

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

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

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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
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>450,000</b>
<b>SOURCES OF FUNDS</b>									
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
<b>PROJECTED OPERATING IMPACTS</b>	0	0	0	0	0	0			0

# Stormwater Facility Renovation

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

8584

The project provides ongoing funding for a long-term plan for renovation of County owned stormwater management facilities. 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 extend the useful life of the facility and assure compliance 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			<b>425,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	220,000	250,000	270,000	165,000	370,000	250,000			<b>1,525,000</b>
Equipment/Furnishings									<b>0</b>
Other									<b>0</b>
<b>EXPENDITURES</b>									
<b>TOTAL</b>	<b>280,000</b>	<b>300,000</b>	<b>330,000</b>	<b>290,000</b>	<b>440,000</b>	<b>310,000</b>	<b>0</b>	<b>0</b>	<b>1,950,000</b>
<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Local Income Tax									<b>0</b>
Property Tax									<b>0</b>
Bonds	280,000	300,000	330,000	290,000	440,000	310,000			<b>1,950,000</b>
<b>PROJECTED OPERATING IMPACTS</b>									
	0	0	0	0	0	0			0

# 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.

	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				<b>620,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	4,786,000	5,813,000	3,573,000	3,360,000	2,690,000	1,750,000			<b>21,972,000</b>
Equipment/Furnishings									<b>0</b>
Other									<b>0</b>

## EXPENDITURES

<b>TOTAL</b>	<b>4,916,000</b>	<b>5,848,000</b>	<b>3,838,000</b>	<b>3,470,000</b>	<b>2,770,000</b>	<b>1,750,000</b>	<b>0</b>	<b>0</b>	<b>22,592,000</b>
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## SOURCES OF FUNDS

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

<b>PROJECTED OPERATING IMPACTS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
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