

## Overview of Conservation and Open Space CIP

The FY 19 – 24 Conservation and Open Space CIP includes funding for land preservation and water resources. Approximately \$39.7M 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 19 – 24 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 combining the municipalities and County into one permit. The joint permit, issued for 2015 – 2020, requires an additional 20 percent remediation of impervious surface, and is linked to the Watershed Implementation Plan of the Chesapeake Bay Total Maximum Daily Load (TMDL). The Chesapeake Bay TMDL sets limits on allowable pollutants in bodies of water. The requirements for the Chesapeake Bay TMDLs are currently unknown and may require additional funding above and beyond planned levels.

To remain compliant with the NPDES permit, the Stormwater Facility Restoration project was established 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 2019 TO 2024

	2019	2020	2021	2022	2023	2024	Prior Allocation	Balance To Complete	Total Project Cost
<b>CONSERVATION AND OPEN SPACE:</b>									
Agriculture Land Preservation	\$5,247,850	\$4,621,030	\$4,703,640	\$5,040,490	\$5,376,660	\$5,464,810	\$0	\$0	\$30,454,480
Environmental Compliance	75,000	75,000	75,000	75,000	75,000	75,000	0	0	450,000
Stormwater Facility Renovation	370,000	310,000	310,000	310,000	310,000	310,000	0	0	1,920,000
Watershed Assessment and Improvement (NPDES)	3,150,000	3,250,000	3,350,000	3,450,000	3,550,000	3,650,000	0	0	20,400,000
<b>CONSERVATION AND OPEN SPACE TOTAL</b>	<b>\$8,842,850</b>	<b>\$8,256,030</b>	<b>\$8,438,640</b>	<b>\$8,875,490</b>	<b>\$9,311,660</b>	<b>\$9,499,810</b>	<b>\$0</b>	<b>\$0</b>	<b>\$53,224,480</b>
<b>SOURCES OF FUNDING:</b>									
Transfer from General Fund	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$0	\$0	\$225,000
Property Tax	3,114,850	2,638,030	2,720,640	3,057,490	3,393,660	3,481,810	0	0	18,406,480
Bonds	4,329,804	4,706,900	4,459,500	4,530,500	4,600,500	4,669,000	0	0	27,296,204
Reallocated Bonds	102,696	0	0	0	0	0	0	0	102,696
Ag. Preservation (MALPF)	500,000	500,000	500,000	500,000	500,000	500,000	0	0	3,000,000
Ag Transfer Tax	300,000	150,000	150,000	150,000	150,000	150,000	0	0	1,050,000
Municipal	458,000	223,600	571,000	600,000	630,000	661,500	0	0	3,144,100
<b>CONSERVATION AND OPEN SPACE TOTAL</b>	<b>\$8,842,850</b>	<b>\$8,256,030</b>	<b>\$8,438,640</b>	<b>\$8,875,490</b>	<b>\$9,311,660</b>	<b>\$9,499,810</b>	<b>\$0</b>	<b>\$0</b>	<b>\$53,224,480</b>

# Agriculture Land Preservation

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This project provides ongoing funding for the Carroll County Agriculture 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 agriculture as a viable industry and preserve the rural character of Carroll County.

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 Agriculture Land Preservation Foundation (MALPF), a lump-sum payment program, is jointly funded by the State of Maryland and Carroll County.

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. The Capital Fund portion is reduced by \$0.5M in FY 20, \$0.5M in FY 21, and \$0.25M in FY 22.

The appropriations are listed in the charts below. The Total Appropriation - IPA and Lump Sum are for easement purchases; the Projected Operating Impacts are interest payments appropriated to the General Fund; and the Total Appropriation - Ag Pres at the bottom of this page includes costs for both the Lump Sum and IPA options.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design									0
Land Acquisition	5,247,850	4,621,030	4,703,640	5,040,490	5,376,660	5,464,810			30,454,480
Site Work									0
Construction									0
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>5,247,850</b>	<b>4,621,030</b>	<b>4,703,640</b>	<b>5,040,490</b>	<b>5,376,660</b>	<b>5,464,810</b>	<b>0</b>	<b>0</b>	<b>30,454,480</b>
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<b>SOURCES OF FUNDS</b>									
Property Tax	3,114,850	2,638,030	2,720,640	3,057,490	3,393,660	3,481,810			18,406,480
Bonds	1,333,000	1,333,000	1,333,000	1,333,000	1,333,000	1,333,000			7,998,000
Ag. Preservation (MALPF)	500,000	500,000	500,000	500,000	500,000	500,000			3,000,000
Ag Transfer Tax	300,000	150,000	150,000	150,000	150,000	150,000			1,050,000

<b>PROJECTED OPERATING IMPACTS</b>									
	1,429,520	1,439,230	1,504,330	1,563,490	1,624,400	1,685,100			

<b>Total Appropriation - IPA</b>	2,038,531	1,834,886	1,883,630	2,014,313	2,145,350	2,194,470			12,111,181
<b>Total Appropriation - Lump Sum</b>	4,138,838	3,725,374	3,824,340	4,089,666	4,355,710	4,455,440			24,589,369
<b>Total Appropriation - MALPF</b>	500,000	500,000	500,000	500,000	500,000	500,000			3,000,000

<b>Total Appropriation - Ag Pres</b>	<b>6,677,369</b>	<b>6,060,260</b>	<b>6,207,970</b>	<b>6,603,980</b>	<b>7,001,060</b>	<b>7,149,910</b>			<b>39,700,550</b>
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# Environmental Compliance

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

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	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>
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<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

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This project provides ongoing funding for a long-term plan to keep existing County-owned stormwater management facilities in working condition and in compliance with the National Pollution Discharge Elimination System Permit. The plan is to evaluate and repair five to seven facilities per year over a 30-year period. The funding will be used for erosion repairs and to replace metal and concrete pipes and filter media.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	60,000	10,000	30,000	35,000	20,000	50,000			205,000
Land Acquisition									0
Site Work									0
Construction	310,000	300,000	280,000	275,000	290,000	260,000			1,715,000
Equipment/Furnishings									0
Other									0
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>370,000</b>	<b>310,000</b>	<b>310,000</b>	<b>310,000</b>	<b>310,000</b>	<b>310,000</b>	<b>0</b>	<b>0</b>	<b>1,920,000</b>
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<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									0
Property Tax									0
Bonds	267,304	310,000	310,000	310,000	310,000	310,000			1,817,304
Reallocated Bonds	102,696								102,696

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

# Watershed Assessment and Improvement (NPDES)

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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 agreement (MOA) to obtain a joint five-year NPDES permit to address stormwater issues. Under the joint permit issues in FY 16, the County and municipalities are required to mitigate impervious surface runoff. As part of the MOA, the County manages the construction of the mitigation projects on behalf of the municipalities. The municipalities provide funding to the County equivalent to 20% of the construction cost of municipal impervious acres.

The current permit will expire in FY 20. Estimates of Town contributions have been included in FY 21 through FY 24 in anticipation that the Towns and County will be participate in a joint permit. The estimate is based on the same assumptions as the MOA signed by the Towns and County for the current permit.

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Prior Allocation	Balance to Complete	Total Project Cost
Engineering/Design	115,000	115,000	310,000	180,000	315,000	130,000			<b>1,165,000</b>
Land Acquisition									<b>0</b>
Site Work									<b>0</b>
Construction	3,035,000	3,135,000	3,040,000	3,270,000	3,235,000	3,520,000			<b>19,235,000</b>
Equipment/Furnishings									<b>0</b>
Other									<b>0</b>
<b>EXPENDITURES</b>									

<b>TOTAL</b>	<b>3,150,000</b>	<b>3,250,000</b>	<b>3,350,000</b>	<b>3,450,000</b>	<b>3,550,000</b>	<b>3,650,000</b>	<b>0</b>	<b>0</b>	<b>20,400,000</b>
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<b>SOURCES OF FUNDS</b>									
Transfer from General Fund									<b>0</b>
Property Tax									<b>0</b>
Bonds	2,692,000	3,026,400	2,779,000	2,850,000	2,920,000	2,988,500			<b>17,255,900</b>
Municipal	458,000	223,600	571,000	600,000	630,000	661,500			<b>3,144,100</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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