

Stormwater Management

AGENCY OVERVIEW

Agency Description

The Prince George’s County Stormwater Management District (a special taxing district) was established to assume the stormwater management functions that were previously performed by the Washington Suburban Sanitary Commission. The Stormwater Management Division of the Department of the Environment is responsible for constructing and maintaining the Stormwater Management system in the County. It constructs facilities to alleviate flooding, rehabilitates storm drainage channels, designs and constructs wetlands, restores river and streambeds. The Department of Public Works and Transportation maintains and operates publicly-owned stormwater management and flood control facilities.

Needs Assessment

Several factors are taken into consideration in developing projects for the CIP, including the following:

- Areas of new development which will increase the amount and velocity of stormwater runoff
- Condition and age of existing systems and the need for corrective action
- Recommendations of watershed management planning activities
- Water quality and environmental impacts
- Retrofit of existing development to mitigate adverse flooding and pollution impacts

- Availability of State and Federal Grants
- Federal, State and local regulations for stormwater, wetlands, forest and critical areas

FY 2020 Funding Sources

- Storm Water Bonds – 56.1%
- Federal – 1.7%
- State – 4.9%
- Other – 37.3%

FY 2020-2025 Program Highlights

- The County continues to implement Federal and State mandates which address various storm water quality improvements including impervious area and stream restoration.
- Continued implementation of the Clean Water Partnership (Public Private Partnership) to assist with meeting the Federal and State mandates.

New Projects

None

Deleted Projects

CIP ID # / PROJECT NAME / REASON

5540011 / Major Reconstruction Program (DOE) / Project Completed

Revised Projects

Project Name	Alternate Funding Source Required	Revisions			
		Total Project Cost Increase	Total Project Cost Decrease	Project Schedule Delayed	Project Schedule Accelerated
Bear Branch Sub-Watershed			X		X
Clean Water Partnership NPDES/MS4			X		
COE County Restoration			X		
Emergency Response Program			X		
Endangered Structure Acquisition Program		X			

Revised Projects *(continued)*

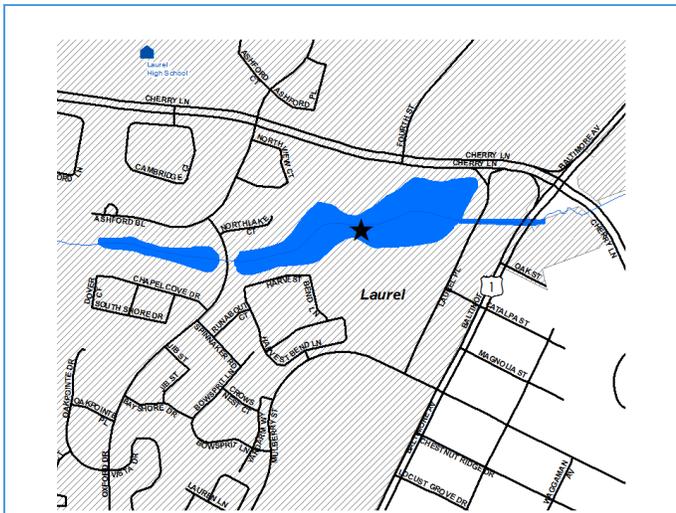
Project Name	Alternate Funding Source Required	Revisions			
		Total Project Cost Increase	Total Project Cost Decrease	Project Schedule Delayed	Project Schedule Accelerated
Flood Protection and Drainage Improvement			X		
Major Reconstruction Program (DPW&T)		X			
MS4/NPDES Compliance & Restoration			X		
Participation Program			X		
Stormwater Contingency Fund			X		
Stormwater Management Restoration		X			

Program Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$99,598	\$43,461	\$22,198	\$33,939	\$14,216	\$5,297	\$3,763	\$4,063	\$3,625	\$2,975	\$—
LAND	451	171	180	100	—	—	100	—	—	—	—
CONSTR	577,115	61,907	106,974	385,044	99,488	92,082	58,064	59,055	43,055	33,300	23,190
EQUIP	22	—	—	22	—	—	—	—	—	22	—
OTHER	102,640	78,492	2,562	21,586	3,103	3,052	3,328	3,663	4,030	4,410	—
TOTAL	\$779,826	\$184,031	\$131,914	\$440,691	\$116,807	\$100,431	\$65,255	\$66,781	\$50,710	\$40,707	\$23,190
FUNDING											
FEDERAL	\$4,327	\$2,327	\$—	\$2,000	\$2,000	\$—	\$—	\$—	\$—	\$—	\$—
STATE	6,167	537	—	5,630	5,630	—	—	—	—	—	—
SW BONDS	614,168	183,706	53,651	354,111	64,896	67,284	64,875	66,401	50,330	40,325	22,700
OTHER	155,164	10,014	69,540	75,610	43,131	32,479	—	—	—	—	—
TOTAL	\$779,826	\$196,584	\$123,191	\$437,351	\$115,657	\$99,763	\$64,875	\$66,401	\$50,330	\$40,325	\$22,700
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

Project Listing

CIP ID#	Project Name	Address	Planning Area	Council District	Project Class	Total Project Cost (000)	Completion Date
5.54.0016	Bear Branch Sub-Watershed	Laurel Area, Laurel	South Laurel Montpelier	One	Rehabilitation	\$4,794	FY 2021
5.54.0012	COE County Restoration	Anacostia River Watershed, Various	Not Assigned	Various	Rehabilitation	33,089	FY 2026
5.54.0018	Clean Water Partnership NPDES/MS4	Countywide	Not Assigned	Countywide	Rehabilitation	200,019	FY 2021
5.54.0015	Emergency Response Program	Countywide	Not Assigned	Countywide	Rehabilitation	4,137	FY 2026
5.54.0014	Endangered Structure Acquisition Program	Countywide	Not Assigned	Countywide	Land Acquisition	9,277	FY 2026
5.54.0005	Flood Protection and Drainage Improvement	Countywide	Not Assigned	Countywide	New Construction	109,996	FY 2026
5.54.0019	MS4/NPDES Compliance & Restoration	Countywide	Not Assigned	Countywide	Rehabilitation	196,456	FY 2026
5.66.0003	Major Reconstruction Program (DPW&T)	Countywide	Not Assigned	Countywide	Replacement	123,773	FY 2026
5.54.0006	Participation Program	Countywide	Not Assigned	Countywide	New Construction	8,553	FY 2026
5.54.0007	Stormwater Contingency Fund	Countywide	Not Assigned	Countywide	Non Construction	4,001	FY 2026
5.66.0002	Stormwater Management Restoration	Countywide	Not Assigned	Countywide	Rehabilitation	85,731	FY 2026
Program Total						\$779,826	
NUMBER OF PROJECTS = 11							



Description: This project provides funding for the dredging of sediments in the upper lake (forebay) of Laurel Lake in Laurel, MD. An evaluation of forebay conditions is recommended to be performed every five (5) years with appropriate planning for future maintenance as required. Dredging operations were most recently completed in June 2015. The project will also provide water quality measures; Low Impact Development (LID), wetland creation, reforestation and stream channel restoration in the Bear Branch sub-watershed and Patuxent River watershed.

Justification: Laurel Lakes is located within the Bear Branch sub-watershed and Patuxent River watershed.

Highlights: The FY 2020 budget is targeted for stream restoration and water quality projects in the Bear Branch Watershed through FY 2021.

Enabling Legislation: Not Applicable

Location		Status	
Address	Laurel Area, Laurel	Project Status	Under Construction
Council District	One	Class	Rehabilitation
Planning Area	South Laurel Montpelier	Land Status	Publicly Owned land

PROJECT MILESTONES

	Estimate	Actual
1 st Year in Capital Program		FY 2013
1 st Year in Capital Budget		FY 2013
Completed Design	FY 2020	
Began Construction	FY 2020	
Project Completion	FY 2021	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$1,920	\$322	\$875	\$3,117

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$1,487	\$987	\$300	\$200	\$200	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	3,022	722	—	2,300	650	1,650	—	—	—	—	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	285	211	22	52	25	27	—	—	—	—	—
TOTAL	\$4,794	\$1,920	\$322	\$2,552	\$875	\$1,677	\$—	\$—	\$—	\$—	\$—
FUNDING											
SW BONDS	\$4,794	\$3,012	\$—	\$1,782	\$105	\$1,677	\$—	\$—	\$—	\$—	\$—
TOTAL	\$4,794	\$3,012	\$—	\$1,782	\$105	\$1,677	\$—	\$—	\$—	\$—	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: The County launched the Clean Water Partnership (CWP) in 2015 to improve the health of the County's waterways, reduce the costs of retrofitting and maintaining the County's stormwater infrastructure and optimize the economic benefits to the County's residents by developing local businesses that will become the backbone of the County's green economy. The goal is to improve water quality by retrofitting approximately 4,000 acres through 2021. The expanded program area of the CWP was added in 2018, funded from the low-interest rate Maryland Water Quality Revolving Loan Program.

Justification: The purpose of the CWP is to assist the County in achieving compliance with §402(p)(3)(B)(iii) of the U.S. Clean Water Act and corresponding stormwater National Pollutant Discharge Elimination System (NPDES)/Municipal Separate Storm Sewer System Discharge Permit (MS4 Permit), which requires the County to complete restoration efforts of 20% of the County's impervious surface area.

Highlights: In FY 2020, construction continues on stormwater retrofit projects.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	Rehabilitation
Planning Area	Not Assigned	Land Status	No Land Involved

PROJECT MILESTONES

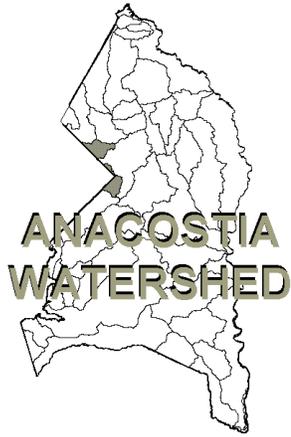
	Estimate	Actual
1 st Year in Capital Program		FY 2016
1 st Year in Capital Budget		FY 2016
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2021	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$55,143	\$69,540	\$42,857	\$167,540

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$26,078	\$26,078	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	173,941	29,065	69,540	75,336	42,857	32,479	—	—	—	—	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$200,019	\$55,143	\$69,540	\$75,336	\$42,857	\$32,479	\$—	\$—	\$—	\$—	\$—
FUNDING											
SW BONDS	\$55,143	\$55,143	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OTHER	144,876	—	69,540	75,336	42,857	32,479	—	—	—	—	—
TOTAL	\$200,019	\$55,143	\$69,540	\$75,336	\$42,857	\$32,479	\$—	\$—	\$—	\$—	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: The project involves the design and construction of environmental enhancement and flood control facilities within Prince George's County. Projects include ongoing planning and design for projects pertaining to quality measures implementation, wetland creation, stream channel restoration and fish blockage removal in the Anacostia River tributaries and from the Western Branch to the Patuxent River. Flood risk or watershed studies (with the US Army Corps of Engineers) are included in this project.

Justification: This project includes stream and water quality restoration efforts in which the County is participating with the US Army Corps of Engineers (ACOE). Funding represents the County's 'non-federal sponsor' share costs to be reimbursed to the Corps of Engineers. Projects other than those performed with the ACOE could receive funding through state and federal grants. 'Other' funds may also be secured from a transfer of stormwater management operating funds and fee-in-lieu payments.

Highlights: In FY 2020, construction funding is budgeted for the Allison Street Levee and Upper Marlboro flood control projects.

Enabling Legislation: Not Applicable

Location		Status	
Address	Anacostia River Watershed, Various	Project Status	Under Construction
Council District	Various	Class	Rehabilitation
Planning Area	Not Assigned	Land Status	Publicly Owned land

PROJECT MILESTONES

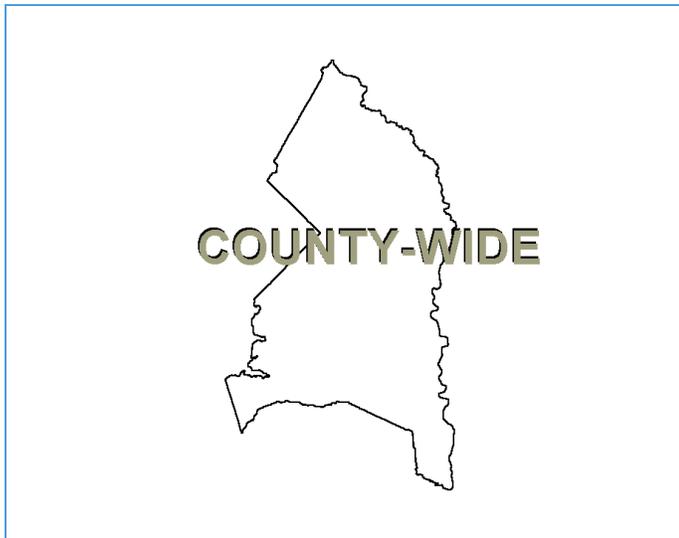
	Estimate	Actual
1 st Year in Capital Program		FY 1995
1 st Year in Capital Budget		FY 1995
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$18,558	\$1,591	\$940	\$21,089

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$3,389	\$1,119	\$420	\$1,850	\$150	\$500	\$500	\$500	\$100	\$100	\$—
LAND	4	4	—	—	—	—	—	—	—	—	—
CONSTR	13,044	1,398	1,126	10,520	720	1,300	2,500	2,000	2,000	2,000	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	16,652	16,037	45	570	70	80	90	100	110	120	—
TOTAL	\$33,089	\$18,558	\$1,591	\$12,940	\$940	\$1,880	\$3,090	\$2,600	\$2,210	\$2,220	\$—
FUNDING											
FEDERAL	\$690	\$690	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
SW BONDS	31,685	17,800	945	12,940	940	1,880	3,090	2,600	2,210	2,220	—
OTHER	714	714	—	—	—	—	—	—	—	—	—
TOTAL	\$33,089	\$19,204	\$945	\$12,940	\$940	\$1,880	\$3,090	\$2,600	\$2,210	\$2,220	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: The project will facilitate the design and construction of unanticipated projects which require immediate implementation due to emergency conditions affecting the public health, safety or welfare and for matching funds for unanticipated grants in which funding is required to attain an agency grant.

Justification: Immediate action is often required to address emergency conditions arising from natural disasters such as a flood, slope failures or severe weather storm events. In addition, a matching source of local funds is often required for grants.

Highlights: FY 2020 funding is to address any emergencies that may arise.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	Rehabilitation
Planning Area	Not Assigned	Land Status	No Land Involved

PROJECT MILESTONES

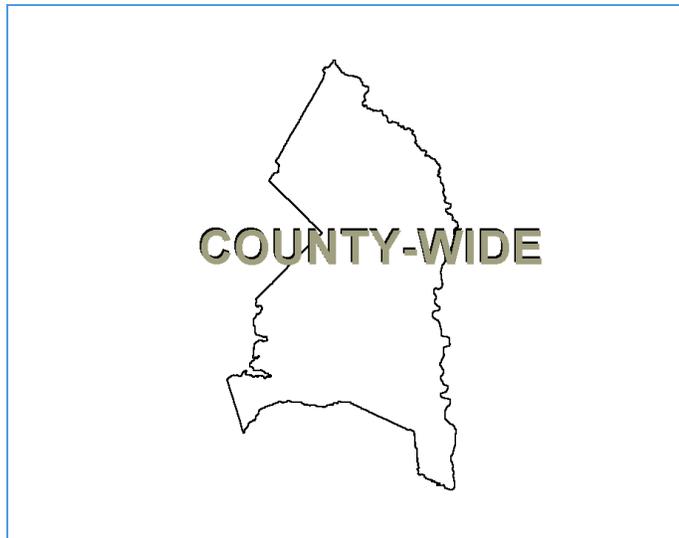
	Estimate	Actual
1 st Year in Capital Program		FY 2003
1 st Year in Capital Budget		FY 2003
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$1,619	\$178	\$390	\$2,187

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$798	\$198	\$—	\$600	\$100	\$100	\$100	\$100	\$100	\$100	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	1,918	—	178	1,740	290	290	290	290	290	290	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	1,421	1,421	—	—	—	—	—	—	—	—	—
TOTAL	\$4,137	\$1,619	\$178	\$2,340	\$390	\$390	\$390	\$390	\$390	\$390	\$—
FUNDING											
SW BONDS	\$4,137	\$1,651	\$146	\$2,340	\$390	\$390	\$390	\$390	\$390	\$390	\$—
TOTAL	\$4,137	\$1,651	\$146	\$2,340	\$390	\$390	\$390	\$390	\$390	\$390	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: This project provides for the acquisition of residential properties within the 100-year floodplain and properties vulnerable to unforeseen natural conditions, such as slope failure or stream erosion.

Justification: This project will mitigate severe economic impacts associated with flooding events to commercial industrial and residential properties. Acquisition of the most severely flood-prone properties will have a positive impact. Properties which are acquired are then evaluated for opportunities to implement wetland banking, stream restoration, flood mitigation, reforestation and/or green space opportunities.

Highlights: FY 2020 funding is to continue work on Kris Ran Court.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	Land Acquisition
Planning Area	Not Assigned	Land Status	Site Selected Only

PROJECT MILESTONES

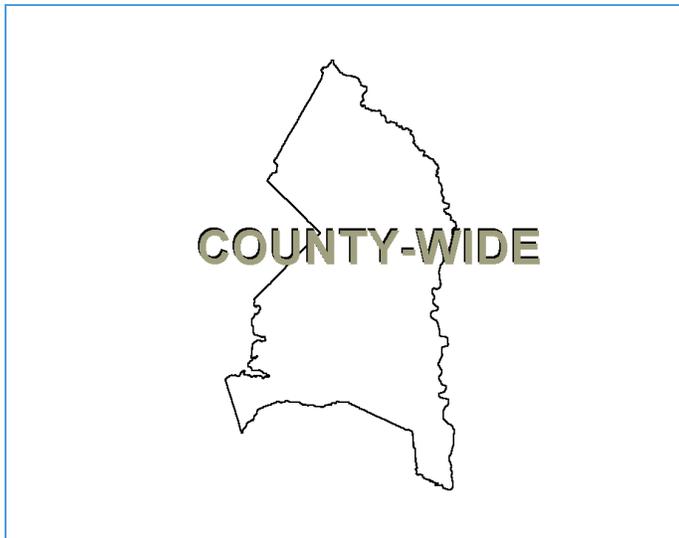
	Estimate	Actual
1 st Year in Capital Program		FY 2001
1 st Year in Capital Budget		FY 2001
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$6,160	\$345	\$380	\$6,885

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$600	\$—	\$—	\$600	\$100	\$100	\$100	\$100	\$100	\$100	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	2,429	28	333	1,578	267	265	264	262	260	260	490
EQUIP	22	—	—	22	—	—	—	—	—	22	—
OTHER	6,226	6,132	12	82	13	15	16	18	20	—	—
TOTAL	\$9,277	\$6,160	\$345	\$2,282	\$380	\$380	\$380	\$380	\$380	\$382	\$490
FUNDING											
SW BONDS	\$6,863	\$6,863	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OTHER	2,414	2,414	—	—	—	—	—	—	—	—	—
TOTAL	\$9,277	\$9,277	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: This program consists of flood protection and drainage relief projects that will address surface run-off causing home flooding, alleviate road flooding and correct residential yard drainage deficiencies. Also included are municipal participation, storm drain acceptance projects and flood warning systems. Right of way from property owners directly benefiting from project improvements must be provided at no cost to the County. 'Other' funding was provided from Ad Valorem tax contributions and State Revolving Loans.

Justification: This program provides flood mitigation and drainage improvement to residential structures which cannot be corrected through the County's Department of Public Works and Transportation maintenance program. This can be appropriate in locations where opportunities to achieve NPDES/MS4 compliance and impervious restoration credits can be combined with drainage remediation projects.

Highlights: The FY 2020 construction budget includes funding for the Allison Street levee reconstruction, the 34th Street bridge reconstruction to accommodate levee improvements and the Upper Marlboro levee.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	New Construction
Planning Area	Not Assigned	Land Status	No Land Involved

PROJECT MILESTONES

	Estimate	Actual
1 st Year in Capital Program		FY 1986
1 st Year in Capital Budget		FY 1986
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$48,105	\$13,403	\$18,527	\$80,035

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$14,806	\$3,449	\$2,337	\$9,020	\$2,197	\$1,447	\$1,138	\$1,388	\$1,500	\$1,350	\$—
LAND	347	167	180	—	—	—	—	—	—	—	—
CONSTR	49,117	6,360	10,116	32,641	15,185	8,330	4,363	1,563	1,675	1,525	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	45,726	38,129	770	6,827	1,145	930	1,022	1,125	1,240	1,365	—
TOTAL	\$109,996	\$48,105	\$13,403	\$48,488	\$18,527	\$10,707	\$6,523	\$4,076	\$4,415	\$4,240	\$—
FUNDING											
STATE	\$211	\$211	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
SW BONDS	106,490	49,461	8,615	48,414	18,453	10,707	6,523	4,076	4,415	4,240	—
OTHER	3,295	3,221	—	74	74	—	—	—	—	—	—
TOTAL	\$109,996	\$52,893	\$8,615	\$48,488	\$18,527	\$10,707	\$6,523	\$4,076	\$4,415	\$4,240	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: This ongoing program by the Department of Public Works and Transportation will redesign, reconstruct and rehabilitate major drainage and flood control projects throughout the County.

Justification: A number of flood control projects constructed prior to 1975 require modifications to correct structural deficiencies, improve flow capacity, alleviate environmental impacts and improve overall safety.

Highlights: FY 2020 funding supports the reconstruction of drainage channels, culvert replacements and the Office of Highway Maintenance pipe replacement and removal program. FY 2020 'Other' funding is provided from PAYGO funds from Rosecroft program revenue to support Oxon Hill beatification activities.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	Replacement
Planning Area	Not Assigned	Land Status	Publicly Owned land

PROJECT MILESTONES

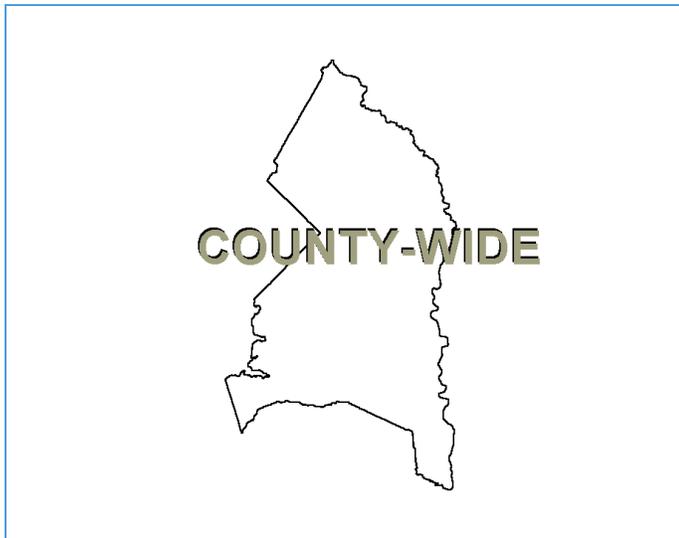
	Estimate	Actual
1 st Year in Capital Program		FY 1993
1 st Year in Capital Budget		FY 1993
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$815	\$12,806	\$17,852	\$31,473

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$8,089	\$—	\$3,887	\$4,202	\$4,202	\$—	\$—	\$—	\$—	\$—	\$—
LAND	100	—	—	100	—	—	100	—	—	—	—
CONSTR	115,584	815	8,919	90,650	13,650	15,200	16,200	15,200	15,200	15,200	15,200
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$123,773	\$815	\$12,806	\$94,952	\$17,852	\$15,200	\$16,300	\$15,200	\$15,200	\$15,200	\$15,200
FUNDING											
SW BONDS	\$123,573	\$815	\$12,806	\$94,752	\$17,652	\$15,200	\$16,300	\$15,200	\$15,200	\$15,200	\$15,200
OTHER	200	—	—	200	200	—	—	—	—	—	—
TOTAL	\$123,773	\$815	\$12,806	\$94,952	\$17,852	\$15,200	\$16,300	\$15,200	\$15,200	\$15,200	\$15,200
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: This project provides funding for countywide restoration of untreated impervious areas to meet MS4/NPDES Permit, Chesapeake Bay TMDL and Local TMDL requirements with water quality/urban retrofit BMPs, stream restoration techniques, and multiple other stormwater management retrofit approaches, within all watersheds of the County. Expected impacts from upcoming regulatory changes will require targeting restoration projects to specific water quality impairments, adding time and cost to the NPDES restoration timeline.

Justification: The Maryland Department of the Environment issued Municipal Separate Storm Sewer System (MS4) permit to the County mandates the requirement for impervious area restoration.

Highlights: \$7.63 million in federal and state funding is appropriated to be used for capital grant awards received during FY 2020.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	Rehabilitation
Planning Area	Not Assigned	Land Status	Publicly Owned land

PROJECT MILESTONES

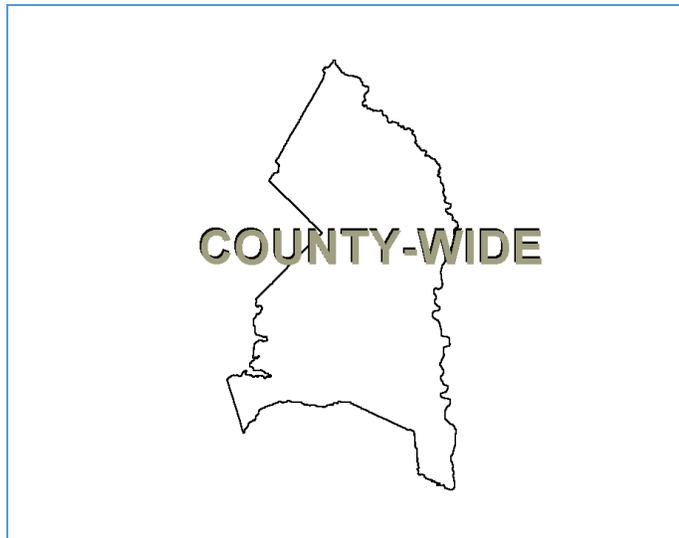
	Estimate	Actual
1 st Year in Capital Program		FY 2013
1 st Year in Capital Budget		FY 2013
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$18,596	\$26,928	\$28,142	\$73,666

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$32,882	\$5,792	\$12,548	\$14,542	\$4,842	\$3,050	\$1,825	\$1,875	\$1,725	\$1,225	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	146,745	11,710	12,700	122,335	21,450	23,643	26,547	30,840	14,730	5,125	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	16,829	1,094	1,680	14,055	1,850	2,000	2,200	2,420	2,660	2,925	—
TOTAL	\$196,456	\$18,596	\$26,928	\$150,932	\$28,142	\$28,693	\$30,572	\$35,135	\$19,115	\$9,275	\$—
FUNDING											
FEDERAL	\$3,637	\$1,637	\$—	\$2,000	\$2,000	\$—	\$—	\$—	\$—	\$—	\$—
STATE	5,956	326	—	5,630	5,630	—	—	—	—	—	—
SW BONDS	186,863	18,867	24,694	143,302	20,512	28,693	30,572	35,135	19,115	9,275	—
TOTAL	\$196,456	\$20,830	\$24,694	\$150,932	\$28,142	\$28,693	\$30,572	\$35,135	\$19,115	\$9,275	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: This project will provide the County's contribution for Water Quality Best Management Practice (BMP) costs for projects with MNCPPC, MWCOG, SHA and municipalities. Additionally this project enables the County's participation through agreements, which the County may enter with developers, to complete needed work in existing communities. These project opportunities may also be identified under the County's stormwater permit review process.

Justification: Opportunities to meet the requirements of NPDES/MS4 compliance and impervious restoration may take place, which would otherwise not result in the County receiving restoration credit if participation did not occur. Locations where County CIP projects are planned and may be implemented by developers on an accelerated schedule and lowered cost.

Highlights: Increase in the complexity and number of participation projects.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	New Construction
Planning Area	Not Assigned	Land Status	No Land Involved

PROJECT MILESTONES

	Estimate	Actual
1 st Year in Capital Program		FY 1986
1 st Year in Capital Budget		FY 1986
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$5,260	\$243	\$525	\$6,028

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$800	\$—	\$200	\$600	\$100	\$100	\$100	\$100	\$100	\$100	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	2,842	382	10	2,450	425	425	400	400	400	400	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	4,911	4,878	33	—	—	—	—	—	—	—	—
TOTAL	\$8,553	\$5,260	\$243	\$3,050	\$525	\$525	\$500	\$500	\$500	\$500	\$—
FUNDING											
SW BONDS	\$5,200	\$1,907	\$243	\$3,050	\$525	\$525	\$500	\$500	\$500	\$500	\$—
OTHER	3,353	3,353	—	—	—	—	—	—	—	—	—
TOTAL	\$8,553	\$5,260	\$243	\$3,050	\$525	\$525	\$500	\$500	\$500	\$500	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: This fund will provide a source of additional appropriation for possible cost overruns of funded projects in the capital program and for new projects unforeseen at the time the capital improvement program (CIP) is approved. This project will authorize the County Executive to approve appropriation transfers up to \$250,000 to previously authorize projects. New project authorizations will require the approval of a majority of the Council. "Other" funds may come from transfers from projects having a balance subsequent to their completion, or from stormwater operating funds.

Justification: Estimates used for programming could be sometimes lower than the final engineering design costs, land acquisitions and construction costs due to unforeseen inflation and other issues which are difficult to forecast.

Highlights: FY 2020 funding removed to reduce long-term Stormwater Fund debt service costs.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Continued
Council District	Countywide	Class	Non Construction
Planning Area	Not Assigned	Land Status	No Land Involved

PROJECT MILESTONES

	Estimate	Actual
1 st Year in Capital Program		FY 1989
1 st Year in Capital Budget		FY 1989
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$1	\$0	\$0	\$1

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	4,000	—	—	4,000	—	1,000	—	1,000	1,000	1,000	—
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	1	1	—	—	—	—	—	—	—	—	—
TOTAL	\$4,001	\$1	\$—	\$4,000	\$—	\$1,000	\$—	\$1,000	\$1,000	\$1,000	\$—
FUNDING											
SW BONDS	\$3,712	\$—	\$—	\$3,712	\$—	\$712	\$—	\$1,000	\$1,000	\$1,000	\$—
OTHER	289	289	—	—	—	—	—	—	—	—	—
TOTAL	\$4,001	\$289	\$—	\$3,712	\$—	\$712	\$—	\$1,000	\$1,000	\$1,000	\$—
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—



Description: This program supports DPWT initiated operational programs to design and improve stormwater management systems and infrastructure (stormwater management ponds, major channels, storm drain pipe systems and related structures, culverts, pedestrian crossings and channels and flood control facilities) throughout the County. This project also supports projects required to be performed in accordance with federal and state mandates as identified in countywide NPDES Permit.

Justification: The County's stormwater management infrastructure is aging and in some applications reaching structural life expectancy. These initiatives will assess the condition of the existing infrastructure, improve and restore functional operation and design intent, as well as enhance community participation with stormwater management facilities.

Highlights: FY 2020 funding is budgeted for water quality benefits through tree replacement, pond construction programs, and stormwater management design work.

Enabling Legislation: Not Applicable

Location		Status	
Address	Countywide	Project Status	Under Construction
Council District	Countywide	Class	Rehabilitation
Planning Area	Not Assigned	Land Status	Publicly Owned land

PROJECT MILESTONES

	Estimate	Actual
1 st Year in Capital Program		FY 2010
1 st Year in Capital Budget		FY 2010
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion	FY 2026	

CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2019 Estimate	FY 2020	Total
\$27,854	\$6,558	\$6,319	\$40,731

Project Summary

Category/Description	Total Project Cost	Life to Date Actual	FY 2019 Estimate	Total 6 Years	Budget Year FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Beyond 6 Years
EXPENDITURE											
PLANS	\$10,669	\$5,838	\$2,506	\$2,325	\$2,325	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—	—	—	—	—	—	—	—	—	—	—
CONSTR	64,473	11,427	4,052	41,494	3,994	7,500	7,500	7,500	7,500	7,500	7,500
EQUIP	—	—	—	—	—	—	—	—	—	—	—
OTHER	10,589	10,589	—	—	—	—	—	—	—	—	—
TOTAL	\$85,731	\$27,854	\$6,558	\$43,819	\$6,319	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
FUNDING											
SW BONDS	\$85,708	\$28,187	\$6,202	\$43,819	\$6,319	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
OTHER	23	23	—	—	—	—	—	—	—	—	—
TOTAL	\$85,731	\$28,210	\$6,202	\$43,819	\$6,319	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
OPERATING IMPACT											
PERSONNEL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING	—	—	—	—	—	—	—	—	—	—	—
DEBT	—	—	—	—	—	—	—	—	—	—	—
OTHER	—	—	—	—	—	—	—	—	—	—	—
TOTAL	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—

