

Water Quality Improvements

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Capital Budget and Program**Anne Arundel County, Maryland****Project Class Summary - Project Listing****Council Approved**

Project	Project Title	Total	Prior	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
Project Class: Water Quality Improvements									
Q543000	Shipleys Choice Dam Rehab	\$8,065,000	\$7,358,000	\$707,000	\$0	\$0	\$0	\$0	\$0
Q416000	Chg Agst Clsd Projects	\$2,820	\$2,820	\$0	\$0	\$0	\$0	\$0	\$0
Q437300	Stream & Ecological Restor	\$1,280	\$26,280	(\$25,000)	\$0	\$0	\$0	\$0	\$0
Q517400	Cowhide Branch Retro	\$3,978,000	\$3,978,000	\$0	\$0	\$0	\$0	\$0	\$0
Q540300	Rutland Rd Fish Passage	\$3,139,000	\$3,139,000	\$0	\$0	\$0	\$0	\$0	\$0
Total Water Quality Improvements		\$15,186,101	\$14,504,101	\$682,000	\$0	\$0	\$0	\$0	\$0

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Funding Detail

Council Approved

Project	Project Title	Total	Prior	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
Project Class Water Quality Improvements									
Bonds									
	General County Bonds	\$12,392,415	\$11,917,415	\$475,000	\$0	\$0	\$0	\$0	\$0
	WPRF Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bonds	\$12,392,415	\$11,917,415	\$475,000	\$0	\$0	\$0	\$0	\$0
PayGo									
	General Fund PayGo	\$38,820	\$38,820	\$0	\$0	\$0	\$0	\$0	\$0
	PayGo	\$38,820	\$38,820	\$0	\$0	\$0	\$0	\$0	\$0
Grants & Aid									
	Other Fed Grants	\$2,547,000	\$2,547,000	\$0	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$865	\$865	\$0	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$2,547,865	\$2,547,865	\$0	\$0	\$0	\$0	\$0	\$0
Other									
	Miscellaneous	\$207,000	\$0	\$207,000	\$0	\$0	\$0	\$0	\$0
	Other	\$207,000	\$0	\$207,000	\$0	\$0	\$0	\$0	\$0
	Water Quality Improvements	\$15,186,101	\$14,504,101	\$682,000	\$0	\$0	\$0	\$0	\$0

Q543000 Shipley's Choice Dam Rehab

Class: Water Quality Improvements

FY2021

Council Approved

Description

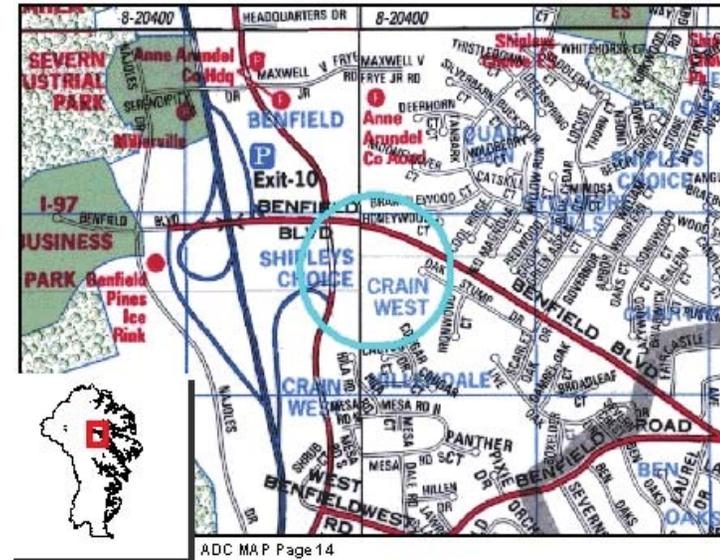
This project consists of the removal of the failing, existing dam, installation of stormwater management controls to replace those provided by the dam, reconstruction of the stream crossing under West Benfield Boulevard to prevent flooding of properties, and stream restoration. Stream restoration work is moved to and funded under new project B568000 within WPRP Class.

Benefit

Annual inspection of the dam revealed signs of eminent failure. After extensive study and in concert with the Maryland Department of the Environment, it was determined the best alternative is to remove the dam and install stormwater management controls, stream restoration and reconstruction of the crossing under West Benfield Road to prevent flooding of properties.

Amendment History

County Council switched funding via amendment #94 to Bill 24-09. CC removed \$70k via AMD #28 to Bill 29-15. CC approved CE's supplemental AMD #110 to Bill 37-18 adding \$1.5m to FY19.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$387,000	Plans and Engineering	\$387,000	\$387,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$923,000	Land	\$923,000	\$923,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,747,000	Construction	\$6,419,000	\$5,747,000	\$672,000	\$0	\$0	\$0	\$0	\$0	\$0
\$301,000	Overhead	\$336,000	\$301,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0
\$7,358,000	Total	\$8,065,000	\$7,358,000	\$707,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$707,000	\$0	\$707,000	\$0	\$0	\$0	\$0	\$0	\$0

Q543000 Shipley's Choice Dam Rehab

Class: Water Quality Improvements

FY2021

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year:
3. Action Required To Complete This Project: Construction

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Additional funds (\$707,000) needed to complete construction
3. Change in Scope Additional sewer installation, E&S Control Features, and unforeseen site conditions
4. Change in Timing:None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2008 \$3,380,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2019	\$1,881,841	\$3,695,508	\$5,577,349
April 1, 2020	\$4,369,785	\$1,995,029	\$6,364,814

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$7,322,000	General County Bonds	\$7,822,000	\$7,322,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
\$36,000	General Fund PayGo	\$36,000	\$36,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$207,000	\$0	\$207,000	\$0	\$0	\$0	\$0	\$0	\$0
\$7,358,000	Total	\$8,065,000	\$7,358,000	\$707,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$707,000	\$0	\$707,000	\$0	\$0	\$0	\$0	\$0	\$0

Q416000 Chg Agst Clsd Projects

Class: Water Quality Improvements

FY2021

Council Approved

Description

Funds are approved to allow for settlement of claims and items required in Project Performance Phase on Waterway Improvement capital projects which have been closed out prior to the settlement of the claims. Available balances from completed projects will be the primary source of funding for this project.

Location

Countywide

Benefit

This fund ensures that claims can be settled in the most expedient manner, and provides a mechanism to provide for the "forward funding" of state grants.

Amendment History

County Council removed \$2 million via amendment #36 to Bill 16-03. Prior approval has been adjusted to show the closing of jobs on this project. Council removed \$65,000 via amendment #46 to Bill 28-10. Council removed \$9,000 via amendments #27 and #61 to Bill 31-12.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$27,162)	Construction	(\$27,162)	(\$27,162)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$1,178)	Overhead	(\$1,178)	(\$1,178)	\$0	\$0	\$0	\$0	\$0	\$0	
\$31,161	Other	\$31,161	\$31,161	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,820	Total	\$2,820	\$2,820	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

Q416000 Chg Agst Clsd Projects

Class: Water Quality Improvements

FY2021

Council Approved

Project Status

1. Current Status Of This Project:
2. Action Taken In Current Fiscal Year:
3. Action Required To Complete This Project:

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1993 \$50,000

Financial Activity

Expended	Encumbered	Total
April 1, 2019	\$0	\$1,528
April 1, 2020	\$1,528	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$0	General County Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,820	General Fund PayGo	\$2,820	\$2,820	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,820	Total	\$2,820	\$2,820	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

Q437300 Stream & Ecological Restor

Class: Water Quality Improvements

FY2021

Council Approved

Description

Funds are requested to design, acquire rights of way and construct stream restoration and ecological facilities to improve both water quality and aquatic habitat. Stream restoration and ecological facilities will include fish passages at culverts and dams to allow fish to migrate, stream bank stabilization structures such as rosgen structures to prevent erosion, provide self-maintaining channel velocities, and facilitate aquatic habit growth. This project will require funding beyond the program. This multi-year project is replaced in the form of a variety projects in the new Watershed Protection and Restoration Project Class.

Location

Countywide

Benefit

Water quality and habitat improvement.

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. CC removed \$85k via AMD #29 to Bill 37-18.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$407,613)	Plans and Engineering	(\$646,613)	(\$646,613)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$95,409)	Land	(\$95,409)	(\$95,409)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$216,821)	Construction	(\$216,821)	(\$216,821)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$20,741)	Overhead	(\$35,247)	(\$35,247)	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,020,370	Other	\$995,370	\$1,020,370	(\$25,000)	\$0	\$0	\$0	\$0	\$0	
\$279,787	Total	\$1,280	\$26,280	(\$25,000)	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		(\$278,507)	(\$253,507)	(\$25,000)	\$0	\$0	\$0	\$0	\$0	Multi-Yr

Q437300 Stream & Ecological Restor

Class: Water Quality Improvements

FY2021

Council Approved

Project Status

1. Current Status Of This Project: Inactive
2. Action Taken In Current Fiscal Year: None
3. Action Required To Complete This Project: None

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1996 \$1,360,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2019	\$253,507	\$11,573	\$265,080
April 1, 2020	\$253,507	\$11,573	\$265,080

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$278,922	General County Bonds	\$415	\$25,415	(\$25,000)	\$0	\$0	\$0	\$0	\$0	
\$0	WPRF Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$865	Other State Grants	\$865	\$865	\$0	\$0	\$0	\$0	\$0	\$0	
\$279,787	Total	\$1,280	\$26,280	(\$25,000)	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		(\$278,507)	(\$253,507)	(\$25,000)	\$0	\$0	\$0	\$0	\$0	Multi-Yr

Q517400 Cowhide Branch Retro

Class: Water Quality Improvements

FY2021

Council Approved

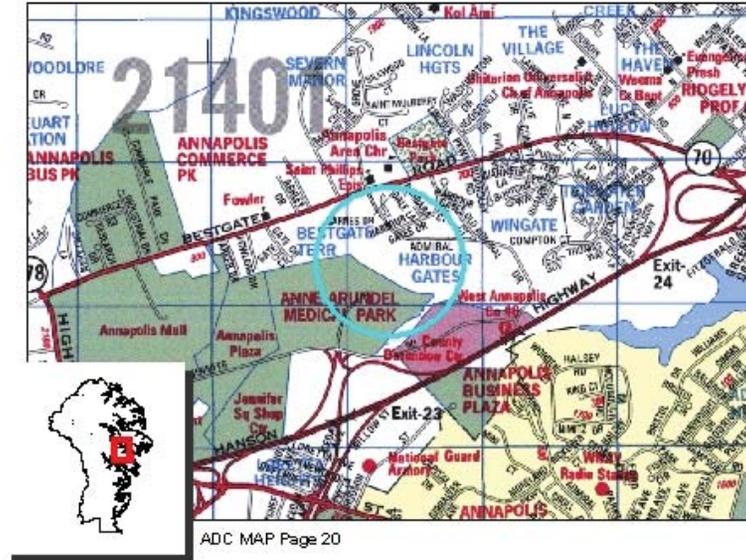
Description

Construction of an upgrade to the Cowhide Branch of Weems Creek. This will include removal of a fish blockage and excess sediment and grading, realignment and planting in the Floodplain to establish a more stable and natural Watershed.

Benefit

Water quality and habitat improvement.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$675,000	Plans and Engineering	\$675,000	\$675,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$43,000	Land	\$43,000	\$43,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,093,000	Construction	\$3,093,000	\$3,093,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$167,000	Overhead	\$167,000	\$167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,978,000	Total	\$3,978,000	\$3,978,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Q517400 Cowhide Branch Retro

Class: Water Quality Improvements

FY2021

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design, Construction, Performance, Multi-Year
3. Action Required To Complete This Project: Construction, Performance, Multi-Year

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2003 \$1,126,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2019	\$2,148,317	\$1,290,609	\$3,438,926
April 1, 2020	\$2,191,506	\$1,259,234	\$3,450,740

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,178,000	General County Bonds	\$2,178,000	\$2,178,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	WPRF Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,800,000	Other Fed Grants	\$1,800,000	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,978,000	Total	\$3,978,000	\$3,978,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Q540300 Rutland Rd Fish Passage

Class: Water Quality Improvements

FY2021

Council Approved

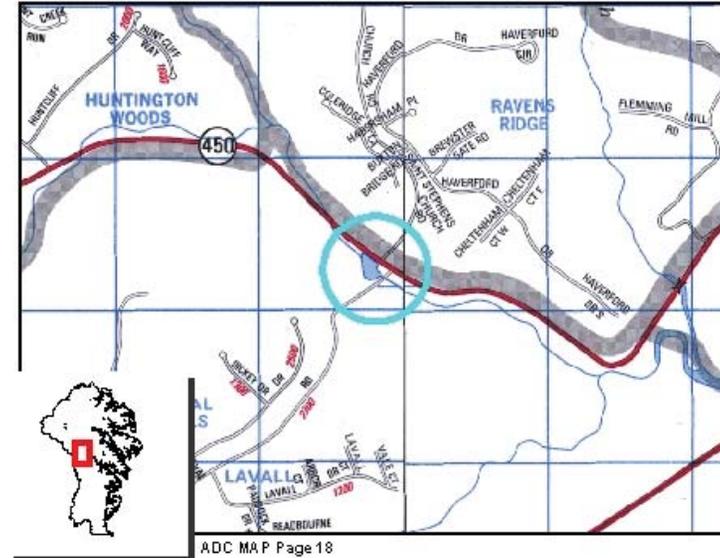
Description

Project consists of the removal of fish migration barriers at Rutland Road cross culvert near the intersection of Rutland Road and MD Route 450.

Benefit

Project is high on the priority list.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$520,000	Plans and Engineering	\$520,000	\$520,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$22,000	Land	\$22,000	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,391,000	Construction	\$2,391,000	\$2,391,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$147,000	Overhead	\$147,000	\$147,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$59,000	Other	\$59,000	\$59,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,139,000	Total	\$3,139,000	\$3,139,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Q540300 Rutland Rd Fish Passage

Class: Water Quality Improvements

FY2021

Council Approved

Project Status

1. Current Status Of This Project: Complete
2. Action Taken In Current Fiscal Year: Performance
3. Action Required To Complete This Project: None

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Decreased based on actual costs and fiscal analysis.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 2010 \$1,111,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2019	\$2,667,510	\$386,497	\$3,054,007
April 1, 2020	\$2,932,429	\$148,088	\$3,080,517

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,392,000	General County Bonds	\$2,392,000	\$2,392,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	WPRF Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$747,000	Other Fed Grants	\$747,000	\$747,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,139,000	Total	\$3,139,000	\$3,139,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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