

Water Quality Improvements

| <u>Project Title</u> | <u>Page</u> |
|---------------------------|-------------|
| Chg Agst Clsd Projects | 231 |
| Cowhide Branch Retro | 233 |
| Rutland Rd Fish Passage | 232 |
| Shipleys Choice Dam Rehab | 234 |

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Project Listing

County Executive Request

| Project | Project Title | Total | Prior | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 |
|---|----------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Project Class Water Quality Improvements | | | | | | | | | |
| Q416000 | Chg Agst Clsd Projects | 6,820 | 2,820 | 4,000 | 0 | 0 | 0 | 0 | 0 |
| Q540300 | Rutland Rd Fish Passage | 2,958,000 | 3,062,000 | -104,000 | 0 | 0 | 0 | 0 | 0 |
| Q517400 | Cowhide Branch Retro | 3,978,000 | 3,978,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Q543000 | Shipley's Choice Dam Rehab | 7,574,818 | 7,574,818 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Water Quality Improvement | | \$14,517,638 | \$14,617,638 | (\$100,000) | \$0 | \$0 | \$0 | \$0 | \$0 |



Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Funding Detail

County Executive Request

| | Total | Prior | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 |
|---|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Project Class Water Quality Improvements | | | | | | | | |
| Bonds | | | | | | | | |
| General County Bonds | \$11,756,818 | \$11,860,818 | (\$104,000) | \$0 | \$0 | \$0 | \$0 | \$0 |
| Bonds | \$11,756,818 | \$11,860,818 | (\$104,000) | \$0 | \$0 | \$0 | \$0 | \$0 |
| PayGo | | | | | | | | |
| General Fund PayGo | \$6,820 | \$2,820 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PayGo | \$6,820 | \$2,820 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Grants & Aid | | | | | | | | |
| Other Fed Grants | \$2,547,000 | \$2,547,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Grants & Aid | \$2,547,000 | \$2,547,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Other | | | | | | | | |
| Miscellaneous | \$207,000 | \$207,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Other | \$207,000 | \$207,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Water Quality Improvements | \$14,517,638 | \$14,617,638 | (\$100,000) | \$0 | \$0 | \$0 | \$0 | \$0 |

Q416000 Chg Agst Clsd Projects

Class: Water Quality Improvements

FY2023

County Executive Request

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 FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years |
|---|--------------|---------------|----------------|---------------|-------------------------|--------|--------|--------|--------|----------------|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | |
| (\$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 | \$35,161 | \$31,161 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$2,820 | Total | \$6,820 | \$2,820 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| More (Less) Than Prior Year Program: | | \$4,000 | \$0 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 | Multi-Yr |

Q416000 Chg Agst Clsd Projects

Class: Water Quality Improvements

FY2023

County Executive Request

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:
2. Change in Total Project Cost: Increased due to identified projects.
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, 2021 | \$1,528 | |
| April 1, 2022 | \$1,528 | |

| Prior Year Project Total | Funding | Project Total | Prior Approval | Budget FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years |
|---|--------------------|---------------|-------------------|------------------|-------------------------|--------|--------|--------|--------|-------------------|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | |
| \$2,820 | General Fund PayGo | \$6,820 | \$2,820 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| \$2,820 | Total | \$6,820 | \$2,820 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 | |
| More (Less) Than Prior Year Program: | | \$4,000 | \$0 | \$4,000 | \$0 | \$0 | \$0 | \$0 | \$0 | Multi-Yr |

Q540300 Rutland Rd Fish Passage

Class: Water Quality Improvements

FY2023

County Executive Request

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 FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years |
|---|-----------------------|---------------|----------------|---------------|-------------------------|--------|--------|--------|--------|----------------|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | |
| \$513,000 | Plans and Engineering | \$512,000 | \$513,000 | (\$1,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$22,000 | Land | \$22,000 | \$22,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$2,345,000 | Construction | \$2,289,000 | \$2,345,000 | (\$56,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$123,000 | Overhead | \$121,000 | \$123,000 | (\$2,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$59,000 | Other | \$14,000 | \$59,000 | (\$45,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$3,062,000 | Total | \$2,958,000 | \$3,062,000 | (\$104,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| More (Less) Than Prior Year Program: | | (\$104,000) | \$0 | (\$104,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

Q540300 Rutland Rd Fish Passage

Class: Water Quality Improvements

FY2023

County Executive Request

Project Status

1. Current Status Of This Project: Complete
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: Decreased based on actual costs.
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, 2021 | \$2,939,356 | \$119,830 | \$3,059,186 |
| April 1, 2022 | \$2,957,443 | | |

| Prior Year Project Total | Funding | Project Total | Prior Approval | Budget FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years |
|---|----------------------|---------------|-------------------|------------------|-------------------------|--------|--------|--------|--------|-------------------|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | |
| \$2,315,000 | General County Bonds | \$2,211,000 | \$2,315,000 | (\$104,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$747,000 | Other Fed Grants | \$747,000 | \$747,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$3,062,000 | Total | \$2,958,000 | \$3,062,000 | (\$104,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| More (Less) Than Prior Year Program: | | (\$104,000) | \$0 | (\$104,000) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

Q517400 Cowhide Branch Retro

Class: Water Quality Improvements

FY2023

County Executive Request

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 FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years |
|---|-----------------------|---------------|----------------|---------------|-------------------------|--------|--------|--------|--------|----------------|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | |
| \$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

FY2023

County Executive Request

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:
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, 2021 | \$2,196,860 | \$158,796 | \$2,355,656 |
| April 1, 2022 | \$2,200,722 | \$157,091 | \$2,357,813 |

| Prior Year Project Total | Funding | Project Total | Prior Approval | Budget FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years |
|---|----------------------|---------------|-------------------|------------------|-------------------------|--------|--------|--------|--------|-------------------|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | |
| \$2,178,000 | General County Bonds | \$2,178,000 | \$2,178,000 | \$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 |

Q543000 Shipley's Choice Dam Rehab

Class: Water Quality Improvements

FY2023

County Executive Request

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 FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years | |
|---|-----------------------|---------------|----------------|---------------|-------------------------|--------|--------|--------|--------|----------------|-----|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | | |
| \$178,060 | Plans and Engineering | \$178,060 | \$178,060 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$923,000 | Land | \$923,000 | \$923,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$6,154,000 | Construction | \$6,154,000 | \$6,154,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$319,758 | Overhead | \$319,758 | \$319,758 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$7,574,818 | Total | \$7,574,818 | \$7,574,818 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| More (Less) Than Prior Year Program: | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

Q543000 Shipley's Choice Dam Rehab

Class: Water Quality Improvements

FY2023

County Executive Request

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:
2. Change in Total Project Cost: None
3. Change in Scope None
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, 2021 | \$6,607,200 | \$371,602 | \$6,978,801 |
| April 1, 2022 | \$6,669,911 | \$323,599 | \$6,993,510 |

| Prior Year Project Total | Funding | Project Total | Prior Approval | Budget FY2023 | Capital Program (\$000) | | | | | Beyond 6 Years |
|---|----------------------|----------------------|---------------------------|--------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------------------|
| | | | | | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | |
| \$7,367,818 | General County Bonds | \$7,367,818 | \$7,367,818 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$207,000 | Miscellaneous | \$207,000 | \$207,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| \$7,574,818 | Total | \$7,574,818 | \$7,574,818 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| More (Less) Than Prior Year Program: | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |