STORMWATER UTILITY FUND

Total FTE

City of Fairfax, Virginia FY 2023 Stormwater Utility Fund Budget Summary

| | FY 202 Actual | | FY 2022 Budget | | FY 2022 Estimate | FY 2023 Adopted | Variance to Budget \$ | Variance to Budget % |
|------------------------------|------------------|---|-------------------|---|---------------------|--------------------|--------------------------|-------------------------|
| Expenditures | | | | | | | | |
| Salaries | \$ | - | \$ - | - | \$ - | \$ 966,189 | \$ 966,189 | 0.00% |
| Fringe Benefits | | - | - | - | - | 433,138 | 433,138 | 0.00% |
| Purchased Services | | - | - | - | - | 414,246 | 414,246 | 0.00% |
| Internal Services | | - | - | - | - | 489,866 | 489,866 | 0.00% |
| Other Charges | | - | - | - | - | 210,850 | 210,850 | 0.00% |
| Supplies & Materials | | - | - | - | - | 225,900 | 225,900 | 0.00% |
| Capital Outlay | | - | - | - | - | 2,819,257 | 2,819,257 | 0.00% |
| Total Expenditures | \$ | - | \$ - | - | \$ - | \$ 5,559,445 | \$ 5,559,445 | 0.00% |
| Revenues | | | | | | | | |
| Revenue Bond Funds | \$ | _ | \$ - | - | \$ - | \$ 1,775,000 | \$ 1,775,000 | 0.00% |
| Annual Billing Units Revenue | | - | - | - | - | 2,718,634 | 2,718,634 | 0.00% |
| Grants | | - | - | - | - | 1,065,811 | 1,065,811 | 0.00% |
| Total Revenues | \$ | - | \$. | - | \$ - | \$ 5,559,445 | \$ 5,559,445 | 0.00% |
| Net Cost to the City | \$ | - | \$ - | - | \$ - | \$ - | \$ - | 0.00% |

14.60

DEPARTMENT: Public Works

DIVISION OR ACTIVITY: Storm Drainage Operations & Maintenance

BUDGET COMMENTS:

The FY2023 budget creates the Stormwater Utility Fund. The Storm Drainage function has been transferred from the General Fund to the Stormwater Utility Fund.

| Cost Cente | r 4381 | 20: Sto r | mwat | ter U | tility | Oper | atic | ons & Mai | nter | nance | |
|----------------------|--------|------------------|--------------|-------|---------------|------|------|------------------|------|-----------------------|-------------------------|
| Title | | 2021 tual | FY 20 Bud | | FY 2 Estin | | - | Y 2023 dopted | | riance to udget \$ | Variance to Budget % |
| Salaries | \$ | - | \$ | - | \$ | - | \$ | 623,546 | \$ | 623,546 | 0.00% |
| Fringe Benefits | | - | | - | | - | | 265,168 | | 265,168 | 0.00% |
| Purchased Services | | - | | - | | - | | 262,746 | | 262,746 | 0.00% |
| Internal Services | | - | | - | | - | | 154,216 | | 154,216 | 0.00% |
| Other Charges | | - | | - | | - | | 67,000 | | 67,000 | 0.00% |
| Supplies & Materials | | - | | - | | - | | 205,374 | | 205,374 | 0.00% |
| Capital Outlay | | - | | - | | - | | 5,000 | | 5,000 | 0.00% |
| Total | \$ | - | \$ | - | \$ | - | \$ 1 | L,583,050 | \$ 1 | L,583,050 | 0.00% |

| Personnel Classification | Grade | | | FY 2022 Estimate | FY 2023 Adopted |
|-----------------------------|-------|---|---|---------------------|--------------------|
| Storm Drainage Manager | 117 | = | - | - | 1.00 |
| Asst Crew Supervisor | 114 | - | - | - | 1.00 |
| Utility Worker III | 112 | - | - | - | 1.00 |
| Heavy Equipment Operator | 112 | - | - | - | 1.00 |
| Utility Worker II | 109 | - | - | - | 1.00 |
| Truck Driver I | 107 | - | - | - | 5.00 |
| Total FTE | | - | - | - | 10.00 |

DEPARTMENT: Public Works

DIVISION OR ACTIVITY: Storm Drainage Operations & Maintenance

PROGRAM:

The Storm Drainage division maintains the city's stormwater collection systems, which consist of 300,000 linear feet of storm pipe, 1,840 catch basins, 145 outfalls, 28 box culverts, 324 driveway culverts, 7 bridges, and 37 bridge culverts. Crews replace deteriorated storm lines, perform preventative maintenance tasks biannually, clear blocked streams, repair box culverts, and repair damaged driveway pipe and ditch lines.

OBJECTIVES:

- Clean ditch lines, storm pipes, and catch basins
- Repair and replace storm pipes and catch basins.
- Clean and clear stream beds of brush/obstacles to improve flow without affecting downstream properties.
- Repair box culverts.

SERVICES AND PRODUCTS:

- Catch basin repair
- Creek and stream maintenance
- Drainage ditch maintenance
- Storm sewer pipe maintenance, repair, and replacement
- Culvert repairs
- Bridge repairs
- Install lining to storm pipe and culverts
- Concrete lid/top replacement and repair
- Perform emergency drainage repairs and projects
- Provide sandbags and emergency response to flooding

DEPARTMENT: Public Works

DIVISION OR ACTIVITY: Stormwater Utility Administration & Engineering

Budget Comments:

The FY2023 budget creates the Stormwater Utility Fund. The stormwater related costs from Public Works Administration and Engineering have been transferred from the General Fund to the Stormwater Utility Fund.

| Cost Center | 43813 | 0: Storn | nwa | ter Ut | ility | Admin | istr | ation & E | ngin | eering | |
|----------------------|-------|--------------|-----|--------------|-------|---------------|------|------------------|------|------------------------|-------------------------|
| Title | | 2021 tual | | 2022 dget | | 2022 imate | - | Y 2023 dopted | | riance to sudget \$ | Variance to Budget % |
| Salaries | \$ | - | \$ | - | \$ | - | \$ | 342,643 | \$ | 342,643 | 0.00% |
| Fringe Benefits | | - | | - | | - | | 167,969 | | 167,969 | 0.00% |
| Purchased Services | | - | | - | | - | | 151,500 | | 151,500 | 0.00% |
| Internal Services | | - | | - | | - | | 335,650 | | 335,650 | 0.00% |
| Other Charges | | - | | - | | - | | 143,850 | | 143,850 | 0.00% |
| Supplies & Materials | | - | | - | | - | | 20,526 | | 20,526 | 0.00% |
| Capital Outlay | | - | | - | | - | 2 | ,814,257 | 2 | 2,814,257 | 0.00% |
| Total | \$ | _ | \$ | _ | \$ | _ | \$3 | ,976,395 | \$ 3 | 3,976,395 | 0.00% |

| Personnel Classification | Grade | FY 2021 Actual | | FY 2022 Estimate | FY 2023 Adopted |
|---|-------|-------------------|---|---------------------|--------------------|
| Director of Public Works | ** | - | - | - | 0.15 |
| Public Works Program Manager | S02 | - | - | - | 0.30 |
| Sustainability Coordinator | 121 | - | - | - | 0.15 |
| Utilities Analyst | 121 | - | - | - | 0.50 |
| Urban Forester | 119 | - | - | - | 1.00 |
| Public Works Site Plan Reviewer | 118 | - | - | - | 0.25 |
| Stormwater Program Specialist | 117 | - | - | - | 0.70 |
| Public Works Construction & Environmental Inspector | 116 | - | - | - | 0.60 |
| Contract Manager | 114 | - | - | - | 0.15 |
| Utilities Coordinator | 114 | - | - | - | 0.50 |
| Admin Assistant IV | 113 | - | - | - | 0.30 |
| Total FTE | | - | - | - | 4.60 |

DEPARTMENT: Public Works

DIVISION OR ACTIVITY: Stormwater Utility Administration & Engineering

PROGRAM:

The office of the director manages seven public works divisions, including Stormwater Management, and provides professional engineering services for constructing and maintaining stormwater infrastructure, environmental projects, and drainage improvements.

OBJECTIVES:

- Maintain compliance with the city's Municipal Separate Storm Sewer System (MS4) permit.
- Meet the city's Total Maximum Daily Load (TMDL) goals for the Chesapeake Bay and local waterways.
- Administrate erosion and sediment control and stormwater pollution prevention programs for public and private development projects.
- Maintain records of the layout and condition of the city's storm sewer infrastructure.
- Deliver adopted capital drainage improvement projects that provide direct benefit to affected property owners.
- Provide public outreach and education on stormwater management and pollution prevention topics.
- Encourage the public to engage in stormwater-positive actions and activities.
- Administrate Stormwater Utility capital programming.
- Assist city residents and businesses with finding solutions to drainage problems.

SERVICES and PRODUCTS:

- Administrative services for the Stormwater Utility.
- Drainage improvement projects.
- Environmental projects, stream restoration, stormwater facility upgrades and retrofits.
- Evaluation of drainage concerns, both public and private.
- Printed and electronic outreach and education materials on stormwater topics.
- Administration of Virginia Erosion & Sediment Control and Virginia Stormwater Management Program laws through inspections and enforcement.

| | Stormwat | er Utility Fu | nd Expense | Detail | | | |
|----------------|--|---------------|------------|----------|-----------------|--------------|-------------|
| | | FY 2021 | FY 2022 | FY 2022 | FY 2023 | Variance to | Variance to |
| Account | Account Title | Actual | Budget | Estimate | Adopted | Budget \$ | Budget % |
| SWII Operation | ons & Maintananso (428170) | | | | | | |
| 511105 | ons & Maintenance (438120) Salaries - Full Time | _ | _ | _ | 540,921 | 540,921 | 0.00% |
| 511105 | Salaries - Overtime | | _ | | 68,125 | 68,125 | 0.00% |
| 511115 | Temporary Help | | | | 6,000 | 6,000 | 0.00% |
| 511123 | On Call Pay | | _ | | 8,500 | 8,500 | 0.00% |
| 511130 | Fringe Benefits | | _ | | 265,168 | 265,168 | 0.00% |
| 530113 | Contract Services | | _ | | 262,746 | 262,746 | 0.00% |
| 540102 | | - | · - | - | 154,216 | 154,216 | 0.00% |
| 550430 | Motor Pool Charges | - | - | - | | | |
| | Equipment Rental | - | - | - | 1,000 | 1,000 | 0.00% |
| 550501 | Travel & Training | - | - | - | 6,000 | 6,000 | 0.00% |
| 550806 | Other Services | - | - | - | 60,000 | 60,000 | 0.00% |
| 560110 | Office Supplies | - | - | - | 6,000 | 6,000 | 0.00% |
| 560120 | Small Equipment | - | - | - | 10,500 | 10,500 | 0.00% |
| 560416 | Uniforms | - | - | - | 4,389 | 4,389 | 0.00% |
| 560420 | Operating Supplies | - | - | - | 38,900 | 38,900 | 0.00% |
| 560421 | Pipe & Accessories | - | - | - | 10,000 | 10,000 | 0.00% |
| 560422 | Construction Materials | - | - | - | 20,000 | 20,000 | 0.00% |
| 560424 | Concrete | - | - | - | 7,000 | 7,000 | 0.00% |
| 560430 | Operating Materials | - | - | - | 101,585 | 101,585 | 0.00% |
| 560435 | Soil & Mulch | - | - | - | 7,000 | 7,000 | 0.00% |
| 580214 | Capital Outlay | - | - | - | 5,000 | 5,000 | 0.00% |
| | Subtotal | - | - | - | 1,583,050 | 1,583,050 | 0.00% |
| SWU Admin 8 | <u> Engineering (438130)</u> | | | | | | |
| 511105 | Salaries - Full Time | - | - | - | 342,643 | 342,643 | 0.00% |
| 512110 | Fringe Benefits | - | | - | 167,969 | 167,969 | 0.00% |
| 530113 | Contract Services | - | | - | 151,500 | 151,500 | 0.00% |
| 540060 | Management Fee | - | - | - | 335,650 | 335,650 | 0.00% |
| 560110 | Office Supplies | - | - | - | 20,526 | 20,526 | 0.00% |
| 580501 | Ashby Pond Dredging | - | - | - | 984,927 | 984,927 | 0.00% |
| 580523 | Flood Mitigation Planning & Resiliency | - | - | - | 76,750 | 76,750 | 0.00% |
| 580503 | Mosby Road Drainage Improvements | - | - | - | 45,000 | 45,000 | 0.00% |
| 580504 | Municipal Separate Storm Sewer System | - | - | - | 155,000 | 155,000 | 0.00% |
| 580506 | Northfax Linear Park | - | - | - | 80,000 | 80,000 | 0.00% |
| 580507 | Private BMP/SWM Inspection | - | - | - | 130,000 | 130,000 | 0.00% |
| 580508 | Public BMP/SWM Inspection & Mainter | - | | - | 130,000 | 130,000 | 0.00% |
| 580509 | Reline Bridge Culvert Storm Structures | - | | - | 85,000 | 85,000 | 0.00% |
| 580510 | Replacement of Failing Galvanized Stor | - | | - | 120,000 | 120,000 | 0.00% |
| 580514 | Storm Drainage Repair for Paving Schec | - | | - | 110,000 | 110,000 | 0.00% |
| 580516 | Storm Pipe Lining Rehabilitation | - | | - | 120,000 | 120,000 | 0.00% |
| 580517 | Storm Sewer Evaluation & Update Progr | - | | - | 100,000 | 100,000 | 0.00% |
| 580519 | Stream Evaluation and Restoration | - | | - | 200,000 | 200,000 | 0.00% |
| 580520 | TMDL Action Plans | - | | _ | 477,580 | 477,580 | 0.00% |
| 590102 | Reserve | - | | _ | 143,850 | 143,850 | 0.00% |
| | Subtotal | - | | - | 3,976,395 | 3,976,395 | 0.00% |
| Total Stave | atou Hallitu Fund | ć | 6 | 6 | ¢ 5 5 5 6 4 4 5 | ¢ 5 550 445 | 0.000 |
| Total Stormw | ater Utility Fund | \$ - | \$ - | \$ - | \$ 5,559,445 | \$ 5,559,445 | 0.00% |

PROJECT INFORMATION Project # 555-438130-580510 Replacement of Failing Galvanized Storm Drainage Systems Name: 2035 Comprehensive Plan Reference: IU1.3.1 2035 Comprehensive Plan Timeframe: **Ongoing Comprehensive Plan Element** Land Use **Environment and Sustainability** Multimodal Transportation **Economic Vitality** Other City Plan/Policy **Community Services** Statement of Need: Picture:

This project provides for the replacement of the City's galvanized storm drain systems located within the city's right-of-ways and citizen properties. Failed storm sewer mains create sinkholes and hazards. The failing systems would be replaced with HDPE pipe and new structures.

FY 2022 - Old Lee Highway

FY 2023 - Old Lee Highway

FY 2024 - Orchard Street & Burrows Avenue

FY 2025 - Maple Street

FY 2026 - Towlston, appx. 70' X12"

FY 2027 - TBD



| Funding Allocation | | FY 2022 | FY 2023 | | FY 2024 | | FY 2025 | FY 2026 | | FY 2027 | Totals |
|-------------------------------------|-------|---------|------------|----|-------------|-----|-----------|---------------|-----|----------------|---------------|
| Infrastructure Maint/Repair/Upgrade | | 120,000 | 120,000 | | 120,000 | | 120,000 | 120,000 | | 120,000 | 600,000 |
| Total Costs | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ 600,000 |
| - " - | | | EV 0000 | | EV 0004 | | | | | EV 000E | |
| Funding Sources | | FY 2022 | FY 2023 | | FY 2024 | | FY 2025 | FY 2026 | | FY 2027 | Totals |
| Stormwater Utility Fund | | 120,000 | 120,000 | | 120,000 | | 120,000 | 120,000 | | 120,000 | 600,000 |
| Total Funding | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ 600,000 |
| | | | | | | | | | | | |
| Estimated Project Tir | neliı | ne | | N | lew Project | | | Responsik | ole | Department(s): | |
| Project Origination Date | | | | | | Са | ble TV | | Po | olice | |
| Project Design Start Date | | | | I | | CE |)&P | | Р۷ | V Admin | |
| Construction Start Date | | | | i | | Cit | y Manager | | Р۷ | V Fleet | |
| Project Completion Date | | | Ongoing | i | | Fir | ance | | Р۷ | V Operations | |
| | | | | i | | Fir | е | | Р۷ | N Signs/Signal | |
| Financial Impact | S | | | | | His | storic | | Р۷ | V Stormwater | √ |
| Annual Revenue Generated: | | | \$ - | Ì | | Hu | man Svc | | Р۷ | V Streets | √ |
| Annual Cost Savings: | | | \$ - | ĺ | | ΙT | | | Р۷ | V Transport | |
| Annual Increase in Operating Costs: | | | \$ - | Ì | | Pa | rks & Rec | | Р۷ | V Wastewater | |
| Projected Future Savings: | | | \$ - | | | Ре | rsonnel | | Sc | chools | |

Annual Increase in Operating Costs:

Projected Future Savings:

PROJECT INFORMATION 555-438130-580514 Name: Storm Drainage Repair for Paving Schedule Project # 2035 Comprehensive Plan Timeframe: 2035 Comprehensive Plan Reference: IU1.3.1 Ongoing **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality** Community Services Other City Plan/Policy Statement of Need: Picture: This project is to address all storm drainage infrastructure issues prior to road overlay paving construction. Work would include storm pipe replacement and structure reconstruction. Storm pipe replacement - 68' LF Storm pipe lining - 590' LF 13 Throat reconstructions 9 Storm top reconstructions 5 Manhole rehabilitations Funding Allocation FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 Totals nfrastructure Maint/Repair/Upgrade 110,000 110,000 110,000 110,000 110,000 110,000 550,000 Total Costs 110,000 \$ 110,000 110,000 110,000 \$ 110,000 110,000 \$ 550,000 **Funding Sources** FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 **Totals** Stormwater Utility Fund 110,000 110,000 110,000 110,000 110,000 110,000 550,000 Total Funding 110,000 \$ 110,000 110,000 110,000 \$ 110,000 \$ 110,000 550,000 **Estimated Project Timeline New Project** Responsible Department(s): Project Origination Date Cable TV Police Project Design Start Date CD&P PW Admin Construction Start Date City Manager PW Fleet Project Completion Date Ongoing PW Operations Finance Fire PW Signs/Signal **Financial Impacts** Historic PW Stormwater PW Streets Annual Revenue Generated: Human Svc Annual Cost Savings: \$ PW Transport

\$

Parks & Rec

Personnel

PW Wastewater

Schools

PROJECT INFORMATION 555-438130-580516 Project # Name: Storm Pipe Lining Rehabilitation 2035 Comprehensive Plan Reference: 2035 Comprehensive Plan Timeframe: p. 144 Ongoing **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality Community Services** Other City Plan/Policy

Statement of Need:

This project is necessary to extend the life of the storm pipe lines. As concrete storm pipe linings age and deteriorate, sections can collapse and lose capacity. A plastic liner is installed on the inside wall of the pipe to maintain pipe integrity and stormwater flow.

Project includes mobilization, pre TV inspection, heavy cleaning, post TV inspection, and linear installation.

FY 2022: Hill Street - 400' of 24" pipe

FY 2023: Country Club Hills Area - 288' of 15" pipe

FY 2024: Westmore Area - 230' of 12" pipe

FY 2025: Green Acres Area - 370' of 12" pipe

FY 2026: Layton Hall Area - 126' of 12" pipe and 150' of 18" pipe

FY 2027: Rust Hill Neighborhood; to Truro Church





| | | | | | | | | | | EV 000E | |
|-------------------------------------|-------|---------|---------------|----|-----------|-----|-----------|---------------|-----|----------------|---------------|
| Funding Allocation | ŀ | Y 2022 | FY 2023 | ŀ | Y 2024 | | FY 2025 | FY 2026 | | FY 2027 | Totals |
| Infrastructure Maint/Repair/Upgrade | | 120,000 | 120,000 | | 120,000 | | 120,000 | 120,000 | | 120,000 | 600,000 |
| Total Costs | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ 600,000 |
| | | | | | | | | | | | |
| Funding Sources | F | Y 2022 | FY 2023 | F | FY 2024 | | FY 2025 | FY 2026 | | FY 2027 | Totals |
| Stormwater Utility Fund | | 120,000 | 120,000 | | 120,000 | | 120,000 | 120,000 | | 120,000 | 600,000 |
| Total Funding | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ | 120,000 | \$ 120,000 | \$ | 120,000 | \$ 600,000 |
| | | | | | | | | | | | |
| Estimated Project Tin | nelir | 10 | | Ne | w Project | | | Responsi | ble | Department(s) | |
| Project Origination Date | | | | | | Ca | ble TV | | Pol | ice | |
| Project Design Start Date | | | | | | CE |)&P | | PW | / Admin | |
| Construction Start Date | | | | | | Cit | y Manager | | ΡW | / Fleet | |
| Project Completion Date | | | Ongoing | l | | Fir | nance | | PW | Operations | |
| | | | | | | Fir | е | | PW | / Signs/Signal | |
| Financial Impact | S | | | | | His | storic | | ΡW | Stormwater | √ |
| Annual Revenue Generated: | | | \$ - | | | Hu | man Svc | | ΡW | Streets | √ |
| Annual Cost Savings: | | | \$ - | | | ΙT | | | PW | / Transport | |
| Annual Increase in Operating Costs: | | | \$ - | | | Ра | rks & Rec | | PW | / Wastewater | |
| Projected Future Savings: | | | \$ - | | | Ре | rsonnel | | Sch | nools | |

Annual Increase in Operating Costs:

Projected Future Savings:

PROJECT INFORMATION 555-438130-580503 Project # Name: **Mosby Road Drainage Improvements** 2035 Comprehensive Plan Timeframe: 2035 Comprehensive Plan Reference: IU1.3.2 p. 144 Ongoing **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality** Other City Plan/Policy **Community Services** Statement of Need: Picture: This project is needed to reduce flooding on Mosby Road. During heavy rain storms stormwater from Burke Station Road and floods the road. This project will fund the design and construct curb and gutter, curb inlets and stormwater pipes to collect and direct the stormwater from Burke Station Road to an existing stormwater sewer main on Mosby Road. Design will be completed in FY23 with construction scheduled for FY24. 08/15/2019 15:51 **FY 2022** FY 2023 FY 2024 FY 2025 **FY 2026 FY 2027** Totals **Funding Allocation** easibility/Planning/Design/Engineering 45,000 45,000 250,000 Construction 250,000 45,000 295,000 Total Costs \$ 250,000 \$ \$ FY 2022 **Funding Sources** FY 2023 FY 2024 FY 2025 **FY 2026 FY 2027 Totals** 295,000 Stormwater Utility Fund 45,000 250,000 Total Funding 45,000 250,000 \$ \$ \$ 295,000 **Estimated Project Timeline New Project** Responsible Department(s): Project Origination Date 07/01/20 Cable TV Police Project Design Start Date CD&P PW Admin **√** PW Fleet Construction Start Date 07/01/23 City Manager Project Completion Date 06/30/24 Finance PW Operations Fire PW Signs/Signal PW Stormwater **Financial Impacts** Historic Annual Revenue Generated: Human Svc PW Streets \$ Annual Cost Savings: PW Transport \$

\$

\$

Parks & Rec

Personnel

PW Wastewater

Schools

PROJECT INFORMATION 555-438130-580505 Project # Name: **Neighborhood Drainage Projects** 2035 Comprehensive Plan Reference: 2035 Comprehensive Plan Timeframe: Ongoing IU1.3.1 p. 144 **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality** Community Services Other City Plan/Policy

Statement of Need:

These projects provide for stormwater improvements in residential neighborhoods to alleviate existing drainage problems. The projects have been requested by residents and represent the projects recommended for design and construction by staff.

FY23 - Orchard Dr. & Evergreen Dr., Design Park Rd. & Fern St., Final Design & Construction

FY24 - Virginia St. & Dwight Ave., Design Orchard Dr. & Evergreen Dr., Construction

FY25 - Orchard St. & Howerton Ave., Design Virginia St. & Dwight Ave., Construction

FY26 - Norman Ave & Cobb Dr, Design Orchard St. & Howerton Ave., Construction

FY27 - Parklane Rd, Design Norman Ave & Cobb Dr, Construction



| Funding Allocation | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Totals |
|---|---------|------------|------------|------------|------------|------------|--------------|
| Feasibility/Planning/Design/Engineering | - | 100,000 | 100,000 | 100,000 | 50,000 | 100,000 | 450,000 |
| Construction | - | 420,000 | 400,000 | 600,000 | 600,000 | 200,000 | 2,220,000 |
| Total Costs | \$ - | \$ 520,000 | \$ 500,000 | \$ 700,000 | \$ 650,000 | \$ 300,000 | \$ 2,670,000 |
| | | | | | | | |

| Funding Sources | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Totals |
|-------------------------|---------|------------|------------|------------|------------|------------|--------------|
| Financing | - | 520,000 | 300,000 | - | - | - | 820,000 |
| Stormwater Utility Fund | - | - | 200,000 | 700,000 | 650,000 | 300,000 | 1,850,000 |
| Total Funding | \$ - | \$ 520,000 | \$ 500,000 | \$ 700,000 | \$ 650,000 | \$ 300,000 | \$ 2,670,000 |

| Estimated Project Timeline | | New Project | | Responsible Department(s) | |
|-------------------------------------|---------|-------------|--------------|---------------------------|---|
| Project Origination Date | | | Cable TV | Police | |
| Project Design Start Date | | | CD&P | PW Admin | ✓ |
| Construction Start Date | | | City Manager | PW Fleet | |
| Project Completion Date | Ongoing | | Finance | PW Operations | |
| | | 1 | Fire | PW Signs/Signal | |
| Financial Impacts | | | Historic | PW Stormwater | ✓ |
| Annual Revenue Generated: | \$ - | | Human Svc | PW Streets | |
| Annual Cost Savings: | \$ - | | IT [| PW Transport | |
| Annual Increase in Operating Costs: | \$ - | | Parks & Rec | PW Wastewater | |
| Projected Future Savings: | \$ - | | Personnel | Schools | |

| | | _ | | _ | | | | | | | | | |
|---|--|------------------------------------|--|---------|---|----------------------|---|----------------|--|--|---|-----|---|
| | | | PROJEC [*] | T INF | ORMAT | TION | 1 | | | | | | |
| Name: Reline Bridge Culvert | Storm S | truct | ures | | | | | Pro | ject # | 555-43 | 38130-580 | 509 | |
| 2035 Comprehensive Plan Reference: | IU1.3. | .1 | p. 144 | | | 203 | 5 Compre | hens | sive Plar | Timefr | ame: | (| Ongoing |
| | | Co | ompreher | nsive | Plan El | leme | | | | | | | |
| Land Use | | | | | | | | | | | ıstainabilit | .y | |
| Multimodal Transportation | ก | | | | | | | | nomic V | | | | |
| Community Services Statement of Need: | | | | Picture | | | | Othe | er City P | lan/Poli | су | | |
| This project is necessary to extend the life or bridge vehicular traffic over the creek system galvanized pipe has deteriorated and will not new system is not installed. There are approculverts throughout the city with diameters e FY 2022 - Stratford Avenue and Fairchester FY 2023 - Woodhaven Drive & Jancie Road FY 2024 - Scott Drive FY 2025 - Shiloh Street FY 2026 - Raider Lane FY 2027 - Ashby Road/Ashby pond | ns. The ext support the ext support the ext support the ext support to | xisting he roa 87 brid | l ad bed if a | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Funding Allocation | FY 202 | 22 | FY 2023 | FY | 2024 | F | Y 2025 | FY | 2026 | FY | 2027 | | Totals |
| | 85 | ,000 | 85,000 | | 85,000 | | 85,000 | | 85,000 | | 85,000 | | 425,000 |
| Infrastructure Maint/Repair/Upgrade | 85 | ,000 | | | | | | | | | | \$ | 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs | 85 \$ 85 | ,000 , 000 | 85,000 \$ 85,000 | \$ | 85,000 85,000 | \$ | 85,000 85,000 | \$ | 85,000 85,000 | \$ | 85,000 85,000 | \$ | 425,000 425,00 0 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources | 85 \$ 85 FY 202 | ,000 , 000 | 85,000 \$ 85,000 FY 2023 | \$ | 85,000 85,000 | \$ | 85,000 85,000 Y 2025 | \$ | 85,000 85,000 2026 | \$ | 85,000 85,000 2027 | \$ | 425,000 425,000 Totals |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund | 85 \$ 85 FY 202 | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 | \$ | 85,000 85,000 2024 85,000 | \$ F | 85,000 85,000 Y 2025 85,000 | \$ | 85,000 85,000 2026 85,000 | \$ | 85,000 85,000 2027 85,000 | \$ | 425,000 425,000 Totals 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources | 85 \$ 85 FY 202 | ,000 , 000 | 85,000 \$ 85,000 FY 2023 | \$ | 85,000 85,000 2024 85,000 | \$ | 85,000 85,000 Y 2025 | \$ | 85,000 85,000 2026 | \$ | 85,000 85,000 2027 | \$ | 425,000 425,000 Totals 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund Total Funding | 85 \$ 85 FY 202 85 \$ 85 | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 | \$ FY | 85,000 85,000 2024 85,000 85,000 | \$ F | 85,000 85,000 Y 2025 85,000 | \$ FY | 85,000 85,000 (2026 85,000 85,000 | \$ FY | 85,000 85,000 2027 85,000 85,000 | \$ | 425,000 425,000 Totals 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund Total Funding Estimated Project Tim | 85 \$ 85 FY 202 85 \$ 85 | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 | \$ FY | 85,000 85,000 2024 85,000 | \$ F | 85,000 85,000 Y 2025 85,000 85,000 | \$ FY | 85,000 85,000 (2026 85,000 85,000 | \$ FY | 85,000 85,000 2027 85,000 | \$ | 425,000 425,000 Totals 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund Total Funding Estimated Project Tin Project Origination Date | 85 \$ 85 FY 202 85 \$ 85 | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 | \$ FY | 85,000 85,000 2024 85,000 85,000 | \$ \$ \$ | 85,000 85,000 Y 2025 85,000 85,000 | \$ FY | 85,000 85,000 (2026 85,000 85,000 | \$ FY \$ ble Dep Police | 85,000 85,000 2027 85,000 85,000 artment(s) | \$ | 425,000 425,000 Totals |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund Total Funding Estimated Project Tin Project Origination Date Project Design Start Date | 85 \$ 85 FY 202 85 \$ 85 | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 | \$ FY | 85,000 85,000 2024 85,000 85,000 | \$ F | 85,000 85,000 Y 2025 85,000 85,000 | \$ FY \$ | 85,000 85,000 (2026 85,000 85,000 | \$ ble Dep Police PW Adr | 85,000 85,000 2027 85,000 85,000 artment(s) | \$ | 425,000 425,000 Totals 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund Total Funding Estimated Project Tin Project Origination Date Project Design Start Date Construction Start Date | 85 \$ 85 FY 202 85 \$ 85 | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 \$ 85,000 | \$ FY | 85,000 85,000 2024 85,000 85,000 | \$ Cab CD8 City | 85,000 85,000 Y 2025 85,000 85,000 Ile TV &P Manager | \$ FY \$ | 85,000 85,000 (2026 85,000 85,000 | \$ ble Dep Police PW Adr PW Flee | 85,000 85,000 2027 85,000 85,000 artment(s) | \$ | 425,000 425,000 Totals 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund Total Funding Estimated Project Tin Project Origination Date Project Design Start Date | 85 \$ 85 FY 202 85 \$ 85 | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 | \$ FY | 85,000 85,000 2024 85,000 85,000 | \$ Cab CD8 City Fina | 85,000 85,000 Y 2025 85,000 85,000 Ile TV &P Manager ance | \$ FY \$ | 85,000 85,000 (2026 85,000 85,000 | \$ ble Dep Police PW Adr PW Flee PW Ope | 85,000 85,000 2027 85,000 85,000 artment(s) min et erations | \$ | 425,000 425,000 Totals 425,000 |
| Infrastructure Maint/Repair/Upgrade Total Costs Funding Sources Stormwater Utility Fund Total Funding Estimated Project Tin Project Origination Date Project Design Start Date Construction Start Date | 85 \$ 85 FY 202 85 \$ 85 neline | ,000 , 000 22 ,000 | 85,000 \$ 85,000 FY 2023 85,000 \$ 85,000 | \$ FY | 85,000 85,000 2024 85,000 85,000 | \$ Cab CD8 City | 85,000 85,000 Y 2025 85,000 85,000 Ile TV &P Manager ance | \$ FY \$ | 85,000 85,000 (2026 85,000 85,000 | \$ ble Dep Police PW Adr PW Flee PW Ope PW Sig | 85,000 85,000 2027 85,000 85,000 artment(s) | \$ | 425,000 425,000 Totals 425,000 |

ΙT

Human Svc

Parks & Rec

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PW Streets

PW Transport

PW Wastewater Schools

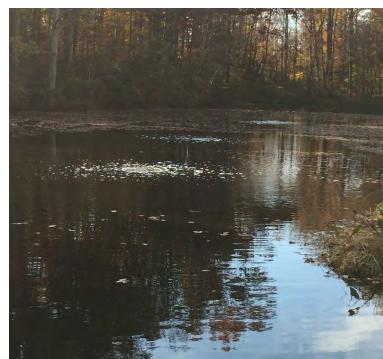
\$ \$ \$

Annual Revenue Generated:

Annual Cost Savings:
Annual Increase in Operating Costs:
Projected Future Savings:

PROJECT INFORMATION **Ashby Pond Dredging & Retrofit** Project # 555-438130-580501 Name: 2035 Comprehensive Plan Reference: IU1.3.2 p. 144 2035 Comprehensive Plan Timeframe: **Short-Term Comprehensive Plan Element** Land Use **Environment and Sustainability Economic Vitality Multimodal Transportation** Other City Plan/Policy **Community Services** Statement of Need: Picture: When the Ashby Pond project was completed in 2011, the project did not include the complete removal of silt. Instead, only a portion was removed.

When the Ashby Pond project was completed in 2011, the project did not include the complete removal of silt. Instead, only a portion was removed. Since then the City has taken steps to help the water quality through the installation of aeration bubblers and native plantings along the pond banks. 30% design plans for restoration of the channel that feeds the east side of the pond, and restoration of the inflow channel on the south side of the pond, as well as the pond dredging and retrofit were completed in FY21 & FY22. Stormwater Local Assistance Fund grants were applied for in FY22. This project will contribute to the TMDL pollutant load reduction for the City. All available grant funding opportunities will be pursued.



| Funding Allocation | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | | Totals |
|---|------------|--------------|-------------|----------|----------|------------------|----|-----------|
| Feasibility/Planning/Design/Engineering | 175,000 | - | - | - | - | - | | - |
| Construction | - | 1,575,000 | - | - | - | - | | 1,575,000 |
| Total Costs | \$ 175,000 | \$ 1,575,000 | \$ - | \$ - | \$ - | \$ - | \$ | 1,575,000 |
| | - | - | | - | _ | - | | |
| Funding Sources | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | | Totals |
| Financing | - | 590,073 | ı | - | - | - | | 590,073 |
| Grant | 87,500 | 588,231 | - | - | - | - | | 588,231 |
| Stormwater Utility Fund | 87,500 | 396,696 | - | - | - | - | T | 396,696 |
| Total Funding | \$ 175,000 | \$ 1,575,000 | \$ - | \$ - | \$ - | \$ - | \$ | 1,575,000 |
| | | | | | | | | |
| Estimated Project T | imeline | | New Project | | Responsi | ble Department(s |): | |
| Project Origination Date | _ | 07/01/18 | | Cable TV | | Police | | |
| Project Design Start Date | | 06/30/19 | | CD&P | | PW Admin | | |

| Project Origination Date | 07/01/18 | Cable TV | Police | |
|-------------------------------------|----------|--------------|-----------------|---|
| Project Design Start Date | 06/30/19 | CD&P | PW Admin | |
| Construction Start Date | 07/01/21 | City Manager | PW Fleet | |
| Project Completion Date | 06/30/23 | Finance | PW Operations | |
| | • | Fire | PW Signs/Signal | |
| Financial Impacts | | Historic | PW Stormwater | ✓ |
| Annual Revenue Generated: | \$ - | Human Svc | PW Streets | |
| Annual Cost Savings: | \$ - | IT | PW Transport | |
| Annual Increase in Operating Costs: | \$ - | Parks & Rec | PW Wastewater | |
| Projected Future Savings: | \$ - | Personnel | Schools | |
| | | | | |

Annual Increase in Operating Costs:

Projected Future Savings:

PROJECT INFORMATION Name: **Plantation Parkway Culvert Repairs** Project # 555-438130-580522 IU1.3.2 p. 144 2035 Comprehensive Plan Timeframe: Short-Term 2035 Comprehensive Plan Reference: **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality** Other City Plan/Policy **Community Services** Statement of Need: Picture: This project will replace the erosion/scour slab, riprap and repair the wing walls on the upstream and downstream ends of this double 10' diameter corrugated metal pipe culvert across two phases. FY23 funding will provide for repair of the eastern/outlet side headwall and wingwall, and outlet apron/plunge pool area. The wingwalls and headwalls will also be sealed with graffiti resistant paint. FY 2022 **Funding Allocation** FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 Totals Construction 500,000 500,000 500,000 Total Costs 500,000 \$ 500,000 500,000 **Funding Sources** FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 **Totals** 500,000 500,000 Financing 500,000 500,000 Total Funding 500,000 \$ 500,000 \$ **Estimated Project Timeline New Project** Responsible Department(s): Project Origination Date 07/01/19 Cable TV Police PW Admin Project Design Start Date 07/01/19 CD&P Construction Start Date 07/01/21 City Manager PW Fleet Project Completion Date 06/30/22 Finance PW Operations Fire PW Signs/Signal **Financial Impacts** Historic PW Stormwater Annual Revenue Generated: Human Svc PW Streets Annual Cost Savings: \$ PW Transport

\$

Parks & Rec

Personnel

PW Wastewater

Schools

PROJECT INFORMATION Name: Flood Mitigation Planning & Resiliency Project # 555-438130-580523 2035 Comprehensive Plan Reference: NE2.1 2035 Comprehensive Plan Timeframe: pg 108 Long-Term Comprehensive Plan Element Land Use **Environment and Sustainability** Multimodal Transportation **Economic Vitality** Other City Plan/Policy **Community Services**

Statement of Need

This project supports the development of two flood mitigation initiatives. The first is a Flood Resilience Plan for the city. This plan provides project-based improvements for flood control and resilience, leverages nature-based infrastructure, considers all parts of a locality, includes coordination with other local and inter-jurisdictional activities, and is based on best available science. The plan will be developed to also provide credits towards FEMA's Community Rating System.

During the design of the Stafford Drive Stream Restoration Project, the effects to the floodplain were reviewed through hydraulic modeling. It was found that the culvert under Stafford Drive is a contributing factor in the floodplain impacts to the Mosby Woods condominium community. A flood study is proposed to evaluate the current condition of the Stafford Drive culvert and investigate options to improve the flood conditions in this area.

The city intends to apply for Community Flood Preparedness Fund grants for two projects which can, if approved, provide up to 75% funding for the flood preparedness plan, and 50% for the flood mitigation study. Development of a Flood Resilience Plan is a prerequisite to applying for any future grant funding for construction of a mitigation project, which can fund 50-70% of the project costs.





| Funding Allocation | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | | Totals |
|---|----------|------------|-------------|--------------|---------|-------------------|----|---------|
| Feasibility/Planning/Design/Engineering | - | 225,000 | - | - | - | - | | 225,000 |
| Total Costs | \$ - | \$ 225,000 | \$ - | \$ - | \$ - | \$ - | \$ | 225,000 |
| Funding Sources | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | | Totals |
| State - Other | - | 148,250 | - | - | - | - | | 148,250 |
| Stormwater Utility Fund | - | 76,750 | - | - | - | - | | 76,750 |
| Total Funding | \$ - | \$ 225,000 | \$ - | \$ - | \$ - | \$ - | \$ | 225,000 |
| | - | - | - | - | | | | |
| Estimated Project | Timeline | | New Project | | Respons | ible Department(s |): | |
| Project Origination Date | | 02/01/22 | | Cable TV | | Police | | |
| Project Design Start Date | | 07/01/22 | | CD&P | | PW Admin | | |
| Construction Start Date | | |] ✓ | City Manager | | PW Fleet | | |
| Project Completion Date | | 06/30/23 | 1 | Finance | | PW Operations | | |
| | | | 1 | Fire | | PW Signs/Signal | | |
| Financial Impa | acts | | | Historic | | PW Stormwater | | |
| Annual Revenue Generated: | | - \$ | | Human Svc | | PW Streets | | |
| Annual Cost Savings: | | \$ - | | IT | | PW Transport | | |
| Annual Increase in Operating Costs: | | \$ - | | Parks & Rec | | PW Wastewater | | |
| Projected Future Savings: | | \$ - | | Personnel | | Schools | | |

| | | | PROJEC [*] | Γ INFORMAT | TION | | | |
|--|---|----------------------|---|---------------------------------|--|-------------------|--|--|
| Name: | Northfax Linear Park [| Design | | | | Project # | 555-438130-58 | 0506 |
| 2035 Compreh | nensive Plan Reference: | CCAC 2.3.5 | p.52 | | 2035 Compre | ehensive Plar | n Timeframe: | Immediate |
| | | Co | ompreher | isive Plan El | | | | |
| ✓ | Land Use | | | | ✓ | | t and Sustainabili | ty |
| ✓ | Multimodal Transportation | 1 | | | ✓ | Economic V | itality | |
| | Community Services | | | | | Other City P | lan/Policy | |
| Statement of Nee | | | ·c | Picture: | | | | |
| _ | quested for consultant servi | | | | 1111111 | | | |
| | ategy, landscape design and recommended in the Northfa | | | | 1017 | 11- | V | 201 |
| | Γhis project will establish a pl | | | | 200 0 | | | |
| | d across multiple properties | | | 1.00 | THE LAND | 4 | | |
| | on will occur incrementally as | | | | | | | |
| | els. A unified stormwater str | | | 1 | 04 | | y Mary | |
| | recommended as impleme | | to precede | F | 1 | N | 2/ | |
| development of | f impacted parcels in the plan | l . | | 11 11 | 1 | X V | | |
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| | | | | | | | 3 | |
| | nding Allocation | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Totals |
| | nding Allocation ning/Design/Engineering | FY 2022 | FY 2023 80,000 | | FY 2025 | FY 2026 | | Totals 80,000 |
| | | FY 2022 - \$ - | | | FY 2025 - \$ - | FY 2026 \$ | | |
| Feasibility/Plan Total Costs | ning/Design/Engineering | - \$ | 80,000 \$ 80,000 | FY 2024 | - \$ - | \$ - | FY 2027 - \$ - | 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu | ning/Design/Engineering unding Sources | - | 80,000 \$ 80,000 FY 2023 | FY 2024 | - | - | FY 2027 | 80,000 \$ 80,000 Totals |
| Feasibility/Plan Total Costs Fu Stormwater Util | unding Sources lity Fund | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 | FY 2024 - FY 2024 | FY 2025 | FY 2026 | FY 2027 | 80,000 \$ 80,000 Totals 80,000 |
| Feasibility/Plan Total Costs Fu | unding Sources lity Fund | - \$ | 80,000 \$ 80,000 FY 2023 | FY 2024 - FY 2024 | - \$ - | \$ - | FY 2027 - \$ - | 80,000 \$ 80,000 Totals 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util | unding Sources | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 | FY 2024 - \$ - FY 2024 | FY 2025 | FY 2026 | FY 2027 - \$ - FY 2027 | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding | unding Sources lity Fund Estimated Project Tin | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 | FY 2024 - FY 2024 | FY 2025 - \$ - | FY 2026 - \$ - | FY 2027 | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding Project Original | unding Sources lity Fund Estimated Project Tintion Date | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - | FY 2026 - \$ - | FY 2027 FY 2027 FY 2027 Soble Department(s) Police | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding | unding Sources lity Fund Estimated Project Tintion Date Start Date | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - | FY 2026 | FY 2027 | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding Project Original Project Design | unding Sources lity Fund Estimated Project Tintion Date Start Date tart Date tart Date | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - Cable TV CD&P City Manager Finance | FY 2026 | FY 2027 FY 2027 FY 2027 Solution of the property of the pro | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding Project Original Project Design Construction St | unding Sources lity Fund Estimated Project Tintion Date Start Date tart Date etion Date | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - Cable TV CD&P City Manager | FY 2026 | FY 2027 FY 2027 FY 2027 Solid Department(s Police PW Admin PW Fleet PW Operations PW Signs/Signal | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding Project Original Project Design Construction St | unding Sources lity Fund Estimated Project Tintion Date Start Date tart Date tart Date | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - Cable TV CD&P City Manager Finance | FY 2026 | FY 2027 FY 2027 FY 2027 Solid Department(s Police PW Admin PW Fleet PW Operations | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding Project Original Project Design Construction St | unding Sources lity Fund Estimated Project Tintion Date Start Date tart Date stion Date Financial Impacts | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 06/23/20 07/01/22 | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - Cable TV CD&P City Manager Finance Fire | FY 2026 | FY 2027 FY 2027 FY 2027 S Police PW Admin PW Fleet PW Operations PW Signs/Signal PW Stormwater PW Streets | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding Project Original Project Design Construction St Project Comple Annual Revenu Annual Cost Sa | unding Sources lity Fund Estimated Project Tintion Date Start Date tart Date tart Date tion Date Financial Impacte te Generated: avings: | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 06/23/20 07/01/22 \$ - \$ - | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - Cable TV CD&P City Manager Finance Fire Historic Human Svc IT | FY 2026 | FY 2027 | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |
| Feasibility/Plan Total Costs Fu Stormwater Util Total Funding Project Original Project Design Construction St Project Comple Annual Revenu Annual Cost Sa | unding Sources lity Fund Estimated Project Tintion Date Start Date tart Date tart Date tion Date Financial Impacte te Generated: avings: e in Operating Costs: | FY 2022 | 80,000 \$ 80,000 FY 2023 80,000 \$ 80,000 06/23/20 07/01/22 | FY 2024 - \$ - FY 2024 | FY 2025 - \$ - Cable TV CD&P City Manager Finance Fire Historic Human Svc | FY 2026 | FY 2027 FY 2027 FY 2027 S Police PW Admin PW Fleet PW Operations PW Signs/Signal PW Stormwater PW Streets | 80,000 \$ 80,000 Totals 80,000 \$ 80,000 |

| | | | PROJEC | T INFORMA | TION | | | | |
|---|---|---|---|---|---|--|--|---|--|
| Name: | Stormwater & Wastew | | | | | Project # | 555-438130-530 | 0113 | |
| 2035 Compreh | ensive Plan Reference: | IU1.3.1 | p.144 | | | ehensive Pla | n Timeframe: | 0 | ngoing |
| | | Co | omprehei | nsive Plan E | lement | | | | |
| ✓ | Land Use | | | | ✓ | | nt and Sustainabili | ty | |
| | Multimodal Transportation | 1 | | | | Economic V | | | |
| ✓ | Community Services | | | | | Other City F | Plan/Policy | | |
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| | nding Allocation | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | | Totals |
| Feasibility/Plan | nding Allocation ning/Design/Engineering | 75,000 | 40,000 | 80,000 | 80,000 | 80,000 | 80,000 | | 360,000 |
| | | | | | | | | \$ | |
| Feasibility/Pland Total Costs | ning/Design/Engineering | 75,000 \$ 75,000 | 40,000 \$ 40,000 | 80,000 \$ 80,000 | 80,000 \$ 80,000 | 80,000 \$ 80,000 | 80,000 \$ 80,000 | \$ | 360,000 360,000 |
| Feasibility/Plant Total Costs Fu | ning/Design/Engineering Inding Sources | 75,000 \$ 75,000 FY 2022 | 40,000 | 80,000 \$ 80,000 FY 2024 | 80,000 \$ 80,000 FY 2025 | 80,000 \$ 80,000 FY 2026 | 80,000 \$ 80,000 FY 2027 | \$ | 360,000 360,000 Totals |
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| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu | ning/Design/Engineering Inding Sources ity Fund | 75,000 FY 2022 50,000 25,000 | 40,000 \$ 40,000 FY 2023 - 40,000 | 80,000 80,000 FY 2024 55,000 25,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 | 80,000 \$ 80,000 FY 2026 55,000 25,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util | ning/Design/Engineering Inding Sources ity Fund | 75,000 \$ 75,000 FY 2022 50,000 | 40,000 \$ 40,000 FY 2023 | 80,000 \$ 80,000 FY 2024 55,000 | 80,000 \$ 80,000 FY 2025 55,000 | 80,000 80,000 FY 2026 55,000 25,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 | \$ | 360,000 360,000 Totals 220,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu | ning/Design/Engineering Inding Sources iity Fund nd | 75,000 FY 2022 50,000 25,000 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 FY 2027 55,000 25,000 80,000 | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding | ning/Design/Engineering Inding Sources ity Fund nd Estimated Project Tim | 75,000 FY 2022 50,000 25,000 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 | 80,000 80,000 FY 2024 55,000 25,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat | ning/Design/Engineering Inding Sources ity Fund ind Estimated Project Tintion Date | 75,000 FY 2022 50,000 25,000 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 sible Department(s | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design | ning/Design/Engineering Inding Sources ity Fund ind Estimated Project Tintion Date Start Date | 75,000 FY 2022 50,000 25,000 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 sible Department(s Police PW Admin | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design Construction St | ining/Design/Engineering Inding Sources iity Fund Ind Estimated Project Time tion Date Start Date cart Date | 75,000 FY 2022 50,000 25,000 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 \$ 40,000 | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P City Manage | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 \$ Bo,000 Sible Department(s Police PW Admin PW Fleet | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design | ining/Design/Engineering Inding Sources iity Fund Ind Estimated Project Time tion Date Start Date cart Date | 75,000 FY 2022 50,000 25,000 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P City Manage Finance | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 Sible Department(s Police PW Admin PW Fleet PW Operations | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design Construction St | ining/Design/Engineering Inding Sources ity Fund Ind Estimated Project Tintion Date Start Date Itart Date | 75,000 \$ 75,000 FY 2022 50,000 25,000 \$ 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 \$ 40,000 | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P City Manage Finance Fire | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 Sible Department(S Police PW Admin PW Fleet PW Operations PW Signs/Signal | \$ | 360,000 360,000 Totals 220,000 140,000 360,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design Construction St Project Comple | ining/Design/Engineering Inding Sources ity Fund Indicate Start Date Start Date tart Date tion Date Financial Impacts | 75,000 \$ 75,000 FY 2022 50,000 25,000 \$ 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 \$ 40,000 Ongoing | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P City Manage Finance Fire Historic | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 Sible Department(s) Police PW Admin PW Fleet PW Operations PW Signs/Signal PW Stormwater | \$ | 360,000 360,000 Totals 220,000 140,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design Construction St Project Comple Annual Revenu | ining/Design/Engineering anding Sources ity Fund nd Estimated Project Tin tion Date Start Date tart Date tion Date Financial Impacts e Generated: | 75,000 \$ 75,000 FY 2022 50,000 25,000 \$ 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 \$ 40,000 Ongoing | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P City Manage Finance Fire Historic Human Svc | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 Sible Department(s) Police PW Admin PW Fleet PW Operations PW Signs/Signal PW Stormwater PW Streets | \$ | 360,000 360,000 Totals 220,000 140,000 360,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design Construction St Project Comple Annual Revenu Annual Cost Sa | ining/Design/Engineering Inding Sources ity Fund Ind Estimated Project Tinition Date Start Date Eart Date Eart Date Etion Date Financial Impacts To Generated: Evings: | 75,000 \$ 75,000 FY 2022 50,000 25,000 \$ 75,000 | 40,000 \$ 40,000 FY 2023 | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P City Manage Finance Fire Historic Human Svc | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 Sible Department(s) Police PW Admin PW Fleet PW Operations PW Signs/Signal PW Stormwater PW Streets PW Transport | \$ | 360,000 360,000 Totals 220,000 140,000 360,000 |
| Feasibility/Plant Total Costs Fu Stormwater Util Wastewater Fu Total Funding Project Originat Project Design Construction St Project Comple Annual Revenu Annual Cost Sa | Ining/Design/Engineering Inding Sources Ity Fund Ind Estimated Project Tinition Date Start Date Itart Date | 75,000 \$ 75,000 FY 2022 50,000 25,000 \$ 75,000 | 40,000 \$ 40,000 FY 2023 - 40,000 \$ 40,000 Ongoing | 80,000 \$ 80,000 FY 2024 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2025 55,000 25,000 \$ 80,000 Cable TV CD&P City Manage Finance Fire Historic Human Svc | 80,000 \$ 80,000 FY 2026 55,000 25,000 \$ 80,000 | 80,000 \$ 80,000 FY 2027 55,000 25,000 \$ 80,000 Sible Department(s) Police PW Admin PW Fleet PW Operations PW Signs/Signal PW Stormwater PW Streets | \$ | 360,000 360,000 Totals 220,000 140,000 360,000 |

PROJECT INFORMATION 555-438130-580504 Name: Municipal Separate Storm Sewer System (MS4) Project # 2035 Comprehensive Plan Timeframe: Ongoing 2035 Comprehensive Plan Reference: IU1.3.1 **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality** Other City Plan/Policy **Community Services**

Statement of Need:

This project is required to comply with the 2018-2023 Municipal Separate Storm Sewer System (MS4) permit requirements. The new permit has new significant milestones that the City must meet each year of the 5 year permit term. The permit requirements include updating GIS files for DEQ, updating the City's website, revising the 5 year program plan, updating and implementing nutrient management plans, conducting outfall screening, conducting public outreach & education, and compiling our MS4 annual report. Funding will also provide for inspections, materials/equipment/signage, and staff training necessary to maintain Stormwater Pollution Prevention Plan compliance at the City's Property Yard facility. This permit will be active from 2018-2023, with this fiscal year being permit year 5.

Financial Impacts

Annual Revenue Generated:

Projected Future Savings:

Annual Increase in Operating Costs:

Annual Cost Savings:





PW Stormwater

PW Wastewater

PW Streets PW Transport

Schools

| Funding Allocation | F | Y 2022 | FY | 2023 | ŀ | FY 2024 | | FY 2025 | FY 2026 | | FY 2027 | | Totals |
|---|-------|---------|-------|-------|----|-----------|------|-----------|---------------|------|---------------|----|---------|
| Feasibility/Planning/Design/Engineering | | 155,000 | 15 | 5,000 | | 165,000 | | 165,000 | 165,000 | | 165,000 | | 815,000 |
| Total Costs | \$ | 155,000 | \$ 15 | 5,000 | \$ | 165,000 | \$ | 165,000 | \$ 165,000 | \$ | 165,000 | \$ | 815,000 |
| Funding Sources | F | Y 2022 | FY | 2023 | | FY 2024 | | FY 2025 | FY 2026 | | FY 2027 | | Totals |
| Financing | | 120,000 | | - | | - | | - | - | | - | | - |
| Stormwater Utility Fund | | 35,000 | 15 | 5,000 | | 165,000 | | 165,000 | 165,000 | | 165,000 | | 815,000 |
| Total Funding | \$ | 155,000 | \$ 15 | 5,000 | \$ | 165,000 | \$ | 165,000 | \$ 165,000 | \$ | 165,000 | \$ | 815,000 |
| Estimated Project Ti | melir | 10 | | | Ne | w Project | | | Respons | ible | Department(s) |): | |
| Project Origination Date | | | | | | | Ca | ble TV | | H-1 | 7 | | |
| Project Design Start Date | | | | | 1 | | CD |)&P | | PW | Admin | | |
| Construction Start Date | | | | | I | | Cit | y Manager | | 1 | Fleet | | |
| Project Completion Date | | | On | going |] | | Fin | nance | | PW | Operations | | |
| | | | | | | | Fire | е | | PW | Signs/Signal | | |

\$

\$

\$

Historic

Human Svc

Parks & Rec

Personnel

FY 2022

FY 2023

PROJECT INFORMATION Private BMP/SWM Inspection Project # 555-438130-580507 Name: 2035 Comprehensive Plan Reference: 2035 Comprehensive Plan Timeframe: Ongoing IU1.3.1 p. 144 **Comprehensive Plan Element** Land Use **Environment and Sustainability** Multimodal Transportation **Economic Vitality** Other City Plan/Policy Community Services Statement of Need: Picture: This project provides for the annual inspection of all the private Best Management Practice/Storm Water Management (BMP/SWM) systems throughout the City. Currently there are 440 privately owned facilities in

This project provides for the annual inspection of all the private Best Management Practice/Storm Water Management (BMP/SWM) systems throughout the City. Currently there are 440 privately owned facilities in inventory. Annual inspection of these facilities is required under the Virginia Pollution Discharge Elimination System (VPDES) and Phase Il-Municipal Separate Storm Sewer System (MS4) permit. While BMP facilities are engineered to meet state requirements for pollutant load reduction and water quantity, their continued performance is dependent upon inspections and maintenance. The number of facilities in inventory will continue to increase with future development / redevelopment of properties.

Funding Allocation

Annual Increase in Operating Costs:

Projected Future Savings:



FY 2026

FY 2027

PW Wastewater

Schools

Totals

| Infrastructure Maint/Repair/Upgrade | | 120,000 | 130,000 | 130,000 | 135,000 | 135,000 | 140,000 | | 670,000 |
|-------------------------------------|-------------|---------|------------|-------------|--------------|------------|-------------------|----|----------|
| Total Costs | \$ | 120,000 | \$ 130,000 | \$ 130,000 | \$ 135,000 | \$ 135,000 | \$ 140,000 | \$ | 670,000 |
| | | | | | | | | | |
| Funding Sources | | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | | Totals |
| Financing | | 120,000 | • | - | - | - | - | | - |
| Stormwater Utility Fund | | - | 130,000 | 130,000 | 135,000 | 135,000 | 140,000 | | 670,000 |
| Total Funding | \$ | 120,000 | \$ 130,000 | \$ 130,000 | \$ 135,000 | \$ 135,000 | \$ 140,000 | \$ | 670,000 |
| | | | | | | | • | | |
| Estimated Pro | ject Timeli | ne | | New Project | | Respons | ible Department(s |): | |
| Project Origination Date | | | | | Cable TV | | Police | | |
| Project Design Start Date | | | | | CD&P | | PW Admin | | |
| Construction Start Date | | | | | City Manager | | PW Fleet | | |
| Project Completion Date | | | Ongoing | | Finance | | PW Operations | | |
| | | | | | Fire | | PW Signs/Signal | | |
| Financial | Impacts | | | | Historic | | PW Stormwater | | √ |
| Annual Revenue Generated: | | | \$ - | | Human Svc | | PW Streets | | |
| Annual Cost Savings: | | | \$ - | | IT | | PW Transport | | |

FY 2024

FY 2025

Parks & Rec

Personnel

PROJECT INFORMATION Name: Public BMP/SWM Inspection and Maintenance Project # 555-438130-580508 2035 Comprehensive Plan Reference: IU1.3.1 p. 144 2035 Comprehensive Plan Timeframe: Ongoing Comprehensive Plan Element Land Use Finding Multimodal Transportation Economic Vitality ✓ Community Services Other City Plan/Policy

Statement of Need:

This project provides for the annual inspection and maintenance of all the public Best Management Practice/Storm Water Management (BMP/SWM) systems throughout the City, including prior stream restoration project areas. There are currently 38 City owned and maintained facilities, plus two stream restoration areas that are inspected annually. Annual inspection of these facilities is required under the Virginia Pollution Discharge Elimination System (VPDES), Phase II-Municipal Separate Storm Sewer System (MS4) permit, and grant funding agreements with Virginia Department of Environmental Quality. Maintenance of BMP facilities is necessary to ensure that they continue to function as designed to provide water quality and quantity control. Implementation of Best Management Practices is required to offset the impacts of development activity, and the number of facilities in inventory will increase with future development/redevelopment of City properties, and roadway / transportation projects.



| i dilding Allocation | 1 1 2022 | 1 1 2020 | 112027 | 1 1 2020 | 1 1 2020 | I I ZUZI | Totals |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|
| Infrastructure Maint/Repair/Upgrade | 130,000 | 130,000 | 135,000 | 135,000 | 140,000 | 140,000 | 680,000 |
| Total Costs | \$ 130,000 | \$ 130,000 | \$ 135,000 | \$ 135,000 | \$ 140,000 | \$ 140,000 | \$ 680,000 |
| | - | - | | | | - | |
| Funding Sources | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Totals |

| Funding Sources | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Totals |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|
| Financing | 110,000 | - | - | - | - | - | - |
| Stormwater Utility Fund | 20,000 | 130,000 | 135,000 | 135,000 | 140,000 | 140,000 | 680,000 |
| Total Funding | \$ 130,000 | \$ 130,000 | \$ 135,000 | \$ 135,000 | \$ 140,000 | \$ 140,000 | \$ 680,000 |

| Estimated Project Timeline | | New Project | | Responsible Department(s) | |
|-------------------------------------|---------|-------------|--------------|---------------------------|----------|
| Project Origination Date | | | Cable TV | Police | |
| Project Design Start Date | | | CD&P | PW Admin | |
| Construction Start Date | | | City Manager | PW Fleet | |
| Project Completion Date | Ongoing | | Finance | PW Operations | |
| | | | Fire | PW Signs/Signal | |
| Financial Impacts | | | Historic | PW Stormwater | ✓ |
| Annual Revenue Generated: | \$ - | | Human Svc | PW Streets | |
| Annual Cost Savings: | \$ - | | IT T | PW Transport | |
| Annual Increase in Operating Costs: | \$ - | | Parks & Rec | PW Wastewater | |
| Projected Future Savings: | \$ - | | Personnel | Schools | |

PROJECT INFORMATION Name: **Stream Evaluation and Restoration** Project # 555-438130-580519 2035 Comprehensive Plan Reference: IU1.3.1 p. 144 2035 Comprehensive Plan Timeframe: Ongoing Comprehensive Plan Element Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality** Community Services Other City Plan/Policy

Statement of Need:

The Accotink Creek Stream Stability Assessment and Prioritization Plan was developed in October 2007 and has been used as a guide to select future stream restoration project areas. This report is now 15-years old and an update is needed. A comprehensive stream condition assessment is proposed for FY23 which will document improvements made through completed environmental projects and help prioritize stream segments for future restoration projects. All grant opportunities will be explored for this project.





| Funding Allocation | FY 2022 | | FY 2023 | FY 2024 | | FY 2025 | FY 2026 | FY 2027 | | Totals |
|---|--------------|----|---------|-------------|----|-------------|--------------|--------------------|----|-----------|
| Feasibility/Planning/Design/Engineering | 150,000 | | 200,000 | 200,000 | | - | 200,000 | 200,000 | | 800,000 |
| Construction | 2,200,000 | | | - | | 2,500,000 | 1,300,000 | - | | 3,800,000 |
| Total Costs | \$ 2,350,000 | \$ | 200,000 | \$ 200,000 | \$ | 2,500,000 | \$ 1,500,000 | \$ 200,000 | \$ | 4,600,000 |
| Funding Sources | FY 2022 | | FY 2023 | FY 2024 | | FY 2025 | FY 2026 | FY 2027 | | Totals |
| Financing | - | | - | - | Т | 250,000 | - | - | 1 | 250,000 |
| Grant | 1,175,000 | | - | - | T | 1,250,000 | 750,000 | - | | 2,000,000 |
| Stormwater Utility Fund | 1,175,000 | | 200,000 | 200,000 | 1 | 1,000,000 | 750,000 | 200,000 | | 2,350,000 |
| Total Funding | \$ 2,350,000 | \$ | 200,000 | \$ 200,000 | \$ | 2,500,000 | \$ 1,500,000 | \$ 200,000 | \$ | 4,600,000 |
| | | | | | | | | | | |
| Estimated Project | Timeline | | | New Project | | | Responsil | ole Department(s): | | |
| Project Origination Date | | | | | - | able TV | | Police | | |
| Project Design Start Date | | | | | C | D&P | | PW Admin | | |
| Construction Start Date | | | | | Ci | ity Manager | | PW Fleet | | |
| Project Completion Date | | _ | Ongoing | | Fi | nance | | PW Operations | | |
| | | | | | Fi | re | | PW Signs/Signal | | |
| Financial Impa | icts | | | | Hi | istoric | | PW Stormwater | | √ |
| Annual Revenue Generated: | | \$ | - | | H | uman Svc | | PW Streets | | |
| Annual Cost Savings: | | \$ | - | | ΙT | • | | PW Transport | | |
| Annual Increase in Operating Costs: | | \$ | - | | Pa | arks & Rec | | PW Wastewater | | |
| Projected Future Savings: | • | \$ | - | | P | ersonnel | | Schools | | |

PROJECT INFORMATION 555-438130-580520 **TMDL Action Plans** Project # Name: IU1.3.1 2035 Comprehensive Plan Timeframe: Ongoing 2035 Comprehensive Plan Reference: p. 144 **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality** Other City Plan/Policy **Community Services** Picture:

Statement of Need:

This project is needed to comply with the annual milestone requirements of the Municipal Separate Storm Sewer System (MS4) permit and state mandated TMDL allocations for waterways located within the regional watershed. A Chesapeake Bay Total Maximum Daily Load (TMDL) action plan was completed in 2015 and updated in 2019, as well as nine additional local TMDLs allocated to the City. Each action plan outlines what the pollutant of concern (POC) loads and required reductions are for the City to meet the permit requirements, and how the City will achieve them. The City met the Chesapeake Bay TMDL 5% reduction requirements for 2018. The Chesapeake Bay TMDL requires that the City achieve a 40% pollutant reduction goal by 2023, and 100% pollutant reduction goal by 2028. This project will provide for design and construction of stormwater outfall channel retrofits, and BMP retrofits. Both types of projects will provide for TMDL credit towards the City's pollutant reduction goals. Alternative compliance methods will be explored, including nutrient credit purchases. This project will also provide for development of a required chloride TMDL Action Plan. All grant opportunities will be explored.



| Funding Allocation | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Totals |
|---|------------|------------|------------|------------|------------|------------|--------------|
| Feasibility/Planning/Design/Engineering | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Construction | 200,000 | 400,000 | 400,000 | 400,000 | 400,000 | 400,000 | 2,000,000 |
| Total Costs | \$ 300,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 2,500,000 |
| | | | | | | | • |

| Funding Sources | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Totals |
|-------------------------|------------|------------|------------|------------|------------|------------|--------------|
| Financing | 300,000 | - | 1 | - | - | - | - |
| Grant | 1 | 477,580 | 1 | 1 | - | - | 477,580 |
| Stormwater Utility Fund | - | 22,420 | 500,000 | 500,000 | 500,000 | 500,000 | 2,022,420 |
| Total Funding | \$ 300,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 2,500,000 |

| Estimated Project Timeline | | New Project | | Responsi | ble Department(s) | : |
|-------------------------------------|---------|-------------|--------------|----------|-------------------|----------|
| Project Origination Date | | | Cable TV | | Police | |
| Project Design Start Date | | 1 | CD&P | | PW Admin | |
| Construction Start Date | | 1 | City Manager | | PW Fleet | |
| Project Completion Date | Ongoing | 1 | Finance | | PW Operations | |
| | |] | Fire | | PW Signs/Signal | |
| Financial Impacts | | | Historic | | PW Stormwater | √ |
| Annual Revenue Generated: | \$ - | | Human Svc | | PW Streets | |
| Annual Cost Savings: | \$ - | | IT T | | PW Transport | |
| Annual Increase in Operating Costs: | \$ - | | Parks & Rec | | PW Wastewater | |
| Projected Future Savings: | \$ - | | Personnel | | Schools | |

Annual Increase in Operating Costs:

Projected Future Savings:

PROJECT INFORMATION Storm Sewer Evaluation & Update Program Project # 555-438130-580517 Name: 2035 Comprehensive Plan Timeframe: 2035 Comprehensive Plan Reference: IU1.3.2 Ongoing **Comprehensive Plan Element** Land Use **Environment and Sustainability Multimodal Transportation Economic Vitality Community Services** Other City Plan/Policy Statement of Need: Picture: A multi-phase evaluation program to prioritize areas for CCTV camera inspection of pipes and manholes was developed in FY22. This project will continue inspections to provide asset condition data and guide future maintenance and upgrade priorities. This project will also allow for collection of updated storm sewer inventory data that will be accessible through GIS. Data to be collected will include coordinate location, pipe size, material, depth, inlet/manhole type, and pipe connectivity layout. ROOTS IN JOINT FY 2022 **Funding Allocation** FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 Totals easibility/Planning/Design/Engineering 250,000 250,000 250,000 250,000 250,000 1,250,000 Total Costs \$ 250,000 250,000 250,000 250,000 250,000 1,250,000 **Funding Sources** FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 FY 2027 Totals Financing 150,000 150,000 150,000 450,000 100,000 800,000 Stormwater Utility Fund 100,000 100,000 250,000 250,000 Total Funding \$ \$ 250,000 250,000 250,000 \$ 250,000 250,000 1,250,000 **Estimated Project Timeline New Project** Responsible Department(s) Project Origination Date Cable TV Police Project Design Start Date CD&P PW Admin Construction Start Date City Manager PW Fleet PW Operations Project Completion Date Ongoing Finance Fire PW Signs/Signal **Financial Impacts** PW Stormwater Historic Annual Revenue Generated: Human Svc PW Streets PW Transport Annual Cost Savings: \$

\$

\$

Parks & Rec

Personnel

PW Wastewater

Schools