

**PURCELLVILLE TOWN COUNCIL SPECIAL MEETING
BUDGET WORK SESSION
TUESDAY, NOVEMBER 17, 2021, 7:00 PM
TOWN HALL COUNCIL CHAMBERS**

Meeting recording can be found at the following link: <https://purcellvilleva.new.swagit.com/events/11278>

COUNCIL MEMBERS PRESENT:

Kwasi Fraser, Mayor
Christopher Bertaut, Vice Mayor (remote participation due to travel)
Tip Stinnette, Council Member
Stan Milan, Council Member
Mary Jane Williams, Council Member
Erin Rayner, Council Member

COUNCIL MEMBERS ABSENT:

Joel Grewe, Council member

STAFF PRESENT:

David Mekarski, Town Manager (remote participation)
Sally Hankins, Town Attorney
Hooper McCann, Director of Administration
Elizabeth Krens, Director of Finance
Paula Hicks, Accounting Manager
Jason Didawick, Director of Public Works
Bernie Snyder, Water Superintendent
Dale Lehnig, Director of Engineering, Planning & Development
Don Dooley, Director of Planning and Economic Development
Shannon Bohince, Director of Information Technology
Chief Cynthia McAlister, Police Department
Deputy Chief Dave Daily, Police Department
Amie Ware, Division Manager Parks and Recreation Department (remote participation)
Diana Hays, Town Clerk/Executive Assistant

CALL TO ORDER:

Mayor Fraser called the meeting to order at 7:00 PM. The Pledge of Allegiance followed.

DISCUSSION/INFORMATIONAL ITEMS:

- a. **ARPA CIP Prioritization and Funding Discussion** *(Presentation included)*

Hooper McCann, Director of Administration, gave the report.

b. CIP Presentation *(Presentation included)*

Dale Lehnig, Director of Engineering, Planning & Development, gave the report.

MOTION TO CONVENE A CLOSED MEETING:

Council member Stinnette made a motion that Town Council convene in a closed meeting pursuant to its authority under Va. Code Sections 2.2-3711(A)(8) and 2.2-3711(A)(29), in order to receive legal advice and discuss negotiating strategy relative to a franchise agreement for broadband services in the Town of Purcellville. The following were requested to attend the closed meeting:

David Mekarski
Sally Hankins
Matt Ames, Attorney

(Carried: 6-0-1 absent, Grewe: Absent, Bertaut: Aye, Stinnette: Aye, Williams: Aye, Milan: Aye, Rayner: Aye, Fraser: Aye)

MOTION TO CERTIFY THE CLOSED MEETING:

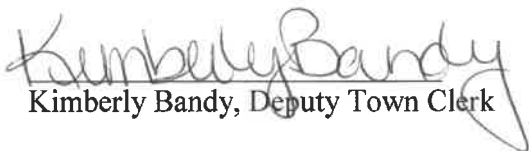
Council member Stinnette made a motion that in accordance with Section §2.2-3712 of the Code of Virginia, that Town Council certify to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements under Virginia Freedom of Information Act; and (ii) only such public business matters as were identified in the motion by which the closed meeting was convened were heard, discussed or considered in the meeting by the public body.

(Carried: 5-0-2 absent, Grewe: Absent, Bertaut: Absent, Stinnette: Aye, Williams: Aye, Milan: Aye, Rayner: Aye, Fraser: Aye)

ADJOURNMENT:

With no further business, Council member Stinnette made a motion to adjourn the meeting at 9:10 PM. The motion was seconded by Council member Milan and carried 5-0-2 absent.


Kwasi Fraser, Mayor


Kimberly Bandy, Deputy Town Clerk

DRAFT

Town of Purcellville ARPA SPENDING PLAN



*Preliminary Draft Presented
October 12, 2021*

*Version 2 – Draft Update Presented
November 17, 2021*

DRAFT
ARPA SPENDING PLAN

TABLE OF CONTENTS

Background	Page 3
Allocation and Spending Plan Fund Summary	Page 7
Proposed Allocation Spending Plan	Page 8
Broadband Spending Plan Project Profile	Page 9
CIP Spending Project Listing & Detail Project Profiles	Pages 10-20
Administrative Expense Project Profile	Page 21
Public Health Emergency & Negative Economic Impact Project Listing & Detail Project Profiles	Pages 22-27
Premium Pay for Eligible Workers Spending Plan Project Profile	Page 28
Government Services to the Extent of Revenue Reduction Project Listing & Detail Project Profiles	Pages 29-42
ARPA Resource Links & Information	Page 43-48

BACKGROUND:

The American Rescue Plan Act (ARPA) of 2021 was signed into law by the President on March 11, 2021. The bill allocated \$1.9 trillion to address the continued impact of COVID-19 on the economy, public health, individuals, businesses, and state and local governments. Out of the approximately \$350 billion allocated to the Coronavirus State and Local Fiscal Recovery Funds (CSFRF/CLFRF), the Town of Purcellville expects to receive a total of \$10,559,844, broken into two equal tranches. The Town received the first installment, in the amount of \$5,279,922, through the Commonwealth of Virginia on June 30, 2021. The second installment is expected to be released on or around June 30, 2022. All funds must be obligated to projects and expenses by December 31, 2024; however, the Town will have until December 31, 2026 to ensure all funds are expended. Any funds left unspent must be returned to the U.S. Treasury.

There are five primary allowable uses:

Eligible Uses:

- 1) Support public health expenditures, by, for example, funding COVID-19 mitigation efforts, medical expenses, behavioral healthcare, and certain public health and safety staff.
- 2) Address negative economic impacts caused by the public health emergency, including economic harms to workers, households, small businesses, impacted industries, and the public sector.
- 3) Replace lost public sector revenue, using this funding to provide government services to the extent of the reduction in revenue experienced due to the pandemic.
- 4) Provide premium pay for essential workers, offering additional support to those who have and will bear the greatest health risks because of their service in critical infrastructure sectors.
- 5) Invest in water, sewer, and broadband infrastructure, making necessary investments to improve access to clean drinking water, support vital wastewater and stormwater infrastructure, and to expand access to broadband internet.

The funds **may not be used for:**

- Matching requirements for other federal funding (unless specifically authorized by federal statute, regulation, or guideline)
- Funding debt service
- Legal settlements or judgements

- Deposits to rainy day funds or financial reserves
- General infrastructure spending (outside of water, sewer, and broadband investments or above the amount allocated under the “revenue loss” recoupment provision)
- Paying unfunded pension liabilities
- Directly or indirectly to offset a reduction in net tax revenue

The U.S. Treasury’s Interim Final Rule provides specific details with regard to recipients’ compliance responsibilities as well as additional information on eligible and restricted uses of award funds and reporting requirements. It is important to note that the Town should ensure these requirements are shared to enable the review and ultimate compliance with the information contained in Treasury’s Interim Final Rule, and any subsequent final rule when developing appropriate controls for the use of the award funds.

An internal request form, the ARPA CSLFRF Funding Application (copy provided as part of the Resources section at the end of this document) has been created as part of the controls being developed to ensure the appropriate use, monitoring, reporting as well as the requisite detailed project tracking and record retention. The Town is responsible for complying with all documented requirements for the use of funds.

The development of internal controls for the use, monitoring, project tracking, record retention, and reporting is critical for the Town as we are reminded throughout the Treasury guidance that recipients are accountable to the Treasury for the compliance with the ARPA statute, ARPA Award Terms and Conditions, the Treasury’s Interim Final Rule, and the applicable reporting requirements. The Federal legislation further identifies four guiding principles for the development of effective compliance policies and processes:

- 1) Recipients are responsible for ensuring the ARPA award funds are not used for ineligible purposes, and there is no fraud, waste, and abuse associated with the ARPA award;
- 2) Many ARPA funded projects respond to the COVID-19 public health emergency and meet urgent community needs. Swift and effective implementation is vital, and recipients must balance facilitating simple and rapid program access widely across the community and maintaining a robust documentation and compliance regime;
- 3) ARPA funded projects should advance the shared interests and promote equitable delivery of government benefits and opportunities;
- 4) Transparency and public accountability for ARPA award funds are critical to upholding program integrity and trust in all levels of government, and ARPA funds should be managed consistent with Administration guidance.

The CSLFRF Compliance and Reporting Guidance document produced by the U.S. Treasury (page 8 – <https://home.treasury.gov/system/files/136/SLFRF-Compliance-and-Reporting-Guidance.pdf>) provides the following recommended “Internal Control Best Practices”:

Table 1: Internal controls best practices

Best Practice	Description	Example
Written policies and procedures	Formal documentation of recipient policies and procedures	Documented procedure for determining worker eligibility for premium pay
Written standards of conduct	Formal statement of mission, values, principles, and professional standards	Documented code of conduct / ethics for subcontractors
Risk-based due diligence	Pre-payment validations conducted according to an assessed level of risk	Enhanced eligibility review of subrecipient with imperfect performance history
Risk-based compliance monitoring	Ongoing validations conducted according to an assessed level of risk	Higher degree of monitoring for projects that have a higher risk of fraud, given program characteristics
Record maintenance and retention	Creation and storage of financial and non-financial records.	Storage of all subrecipient payment information.

The Treasury’s Interim Final Rule further provides framework for determining whether a specific project would be eligible under the SLFRF program, including some helpful definitions. For example, Treasury’s Interim Final Rule establishes:

- A framework for determining whether a project “responds to” a “negative economic impact” caused by the COVID-19 public health emergency;
- Definitions of “eligible employers”, “essential work,” “eligible workers”, and “premium pay” for cases where premium pay is an eligible use;
- A definition of “general revenue” and a formula for calculating revenue lost due to the COVID-19 public health emergency;
- A framework for eligible water and sewer infrastructure projects that aligns eligible uses with projects that are eligible under the Environmental Protection Agency’s Drinking Water and Clean Water State Revolving Funds; and
- A framework for eligible broadband projects designed to provide service to unserved or underserved households, or businesses at speeds sufficient to enable users to generally meet household needs, including the ability to support the simultaneous use of work, education, and health applications, and also sufficiently robust to meet increasing household demands for bandwidth.

To further assist with the development of a plan for the use of the funding, the following provides a sample of recommended Guiding Principles for the use of the funds:

- Provide tangible relief to the community (i.e. residents, businesses, essential workers).
- Invest in Town priorities consistent with adopted Vision, Mission, and Strategic Initiatives.
- Create lasting, transformational impact with long-term recurring investment, if permissible under U.S Treasury guidance.

- Maintain Town's fiscal health and essential services.
- Incorporate community, and departmental input.
- Spread the expenditures, related to ARPA funding, over the qualifying period (through December 31, 2024) to enhance budgetary and financial stability.
- As ARPA funds are non-recurring and temporary in nature, the use should be applied to non-recurring expenditures and care should be taken to avoid creating new programs or add-ons to existing programs that will require future financial/budget commitments.

The following "Spending Plan" (Plan) provides both a summary and a comprehensive view of probable expenditures for Town Council consideration. It was staff's intent to incorporate both items noted by Town Council members over the last few months, as well as critical projects and items designated by staff. It is important to note, the details associated with this Plan will need to be somewhat fluid as we move through the entire ARPA funding period. Budget amounts and fiscal year placement are estimates only and may need to be adjusted due to bidding results, design schedules, and contractor availability. As more information becomes available from the U.S. Treasury, modifications to this Plan may be necessary.

Town of Purcellville
ARPA CSLFRF DRAFT Allocation and Spending Plan Fund Summary
Town Council Recommended Allocations
(based on total distribution amount – both tranches)

<i>CATEGORY</i>	<i>Total</i>	<i>Percent of Total Allocation</i>
1(A) – Public Health Emergency & Negative Economic Impacts	\$ 3,794,195	15%
2(B) – Premium Pay to Eligible Workers (<i>TM Recommendation</i>)	\$ 200,000	2%
3(C) – Government Services to extent of Revenue Reduction *	\$ 855,994	8%
4(D) – Investment in Water and Sewer Infrastructure	\$ 7,919,882	75%
4(D) – Investment in Broadband Infrastructure		
TOTAL AWARD	\$ 10,559,843	100%

* Note, at this time, the Revenue Reduction amount is ESTIMATED – ACTUAL TBD

Page Updates:

11/17/2021 - Reallocated the 10% (\$1,055,984) originally dedicated to Broadband Infrastructure to Water & Sewer Infrastructure

Category	Description	Project Detail Page #	% Requested Allocation of Funds	1st Distribution	Anticipated Expense 1st Distribution	2nd Distribution (June/July 2022)	Anticipated Expense 2nd Distribution	Total Pending	Total Anticipated Expense	Funding Appropriated Data/Bal	% of Project Cost paid w/ARPA Funds	% of Project Cost - Other Funding
Broadband	Investment in Water, Sewer, &/or Broadband Infrastructure											
	Water & Sewer Infrastructure Projects	10	0%									
	Upgrade & Expansion of WMTF SCADA System (APPROVED)	9	75%	\$3,959,941	\$500,000	\$3,959,941	\$0	\$7,919,882	\$500,000	9-14-21 BAW22-207	100%	
	New Finished Water Storage Tank (Ant. Total Cost: \$3,746,000)	12			\$2,432,941	\$1,313,059	\$300,000		\$3,746,000		100%	
	Permanent Pre-showering Building for Marsh & Jeffries Wells (Ant. Total Cost: \$600k)	13			\$250,000	\$250,000			\$500,000		91.5%	8.5% - cash
	Replacement of 1,000 Water Meter Registers (Ant. \$225,000)	14			\$225,000				\$225,000		100%	
	WTP to Town Watermain Replacement (Ant. \$2,000,000)	15			\$480,000	\$1,520,000			\$2,000,000		100%	
	WTP SCADA System Improvements (Ant. \$18k)	16			\$18,000				\$18,000		100%	
	Critical Security Enhancements at WTP Plant, Facilities & Water Sources (CARP) (Ant. \$400k)	17			\$25,000	\$268,882			\$268,882		60%	40% - ?
	IT Core Infrastructure - Cybersecurity - Water & Wastewater (Ant. \$50k)	18			\$25,000	\$250,000			\$50,000		100%	
W & WW	Lining of Sewer Mains & Manholes (Ant. \$700k)	19							\$250,000		33%	67% - ?
Sewer	Reservoir to WTP Watermain Replacement (Ant. \$2,340,000)	20										100%
Water												
Administrative #5-D	ARPA Funding Program Administrator (Temp PT position - 1st yr approx. 6 mo)	21			\$29,000	\$3,959,941	\$3,959,941	\$7,919,882	\$312,000		100%	
CATEGORY Subtotal												
Potential Items:	Public Health Emergency & Negative Economic Impacts	22	15%	\$791,988	\$791,988	\$791,988	\$791,988	\$1,583,976	\$1,583,976			
	Business Support	23										
	Utility Assistance Program (delinquent residential w/o acct. - \$50k)	23										
	Support to Non-Profits & Other Public Health/COVID-19 Impacts (1)	23										
	Fogade Improvement Program (\$250k)	24										
Staff Recommended Items:	Space Assessment @ Town Hall (bid space inefficiently used & assess for improvements to mitigate spread of disease) (Ant. \$25k)	25										
	Touchless tech for Town facilities (ex. bathrooms, doors, etc) (Ant. \$25k)	26										
	Other Town facility modifications to mitigate spread of disease (TR00)	27										
CATEGORY Subtotal												
	Premium Pay to Eligible Workers	28	10%	\$527,992	\$27,992	\$527,992	\$172,008	\$1,055,984	\$200,000		100%	
Staff Recommended Items:	Government Services to the extent of Revenue Reduction * (Revenue Reduction Amounts are Estimated - Actual TBD)	29			\$500,000		\$365,984		\$865,984		100%	
	IT Core Infrastructure - Cybersecurity (ext. W&WV) (Ant. \$50k)	30										
	Installation of Card Swipe Entry & Cameras Train Station (remote door control) (Ant. \$15k)	31										
	Town Emergency Preparedness/COOP/Recovery Plan (Ant. \$60k)	32										
	Electronic LED Community Event Sign @ Main & Maple (Ant. \$50k)	33										
	Repair electric service (initial conduit) 21st/23rd Parking lot (Ant. \$46k)	34										
	Replace all public streetlights w/LED (Ant. \$50k)	35										
	AV/Technical Support during public meetings (Temp PT) (Ant. \$10k annually)	36										
	Outdoor Stage in Dillon's Woods (Ant. \$180k)	37										
	Generator for Police Department Facility (Ant. \$77k)	38										
	Security Camera System for Police Department Facility (Ant. \$77k)	39										
	Ballistic Drywall for Police Department Facility (Ant. \$77k)	40										
	Address Town Hall Security Needs (per LSCG Inspection) (Ant. \$30k)	41										
	Generator at Tabernacle (emergency warming & cooling station) (Ant. \$60k)	42										
CATEGORY Subtotal												
Total Recommended Uses of Funding				\$5,279,921	\$5,279,921	\$5,279,921	\$5,279,921	\$10,559,842	\$10,559,842			



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Broadband - FUNDING REALLOCATED TO CIP

BROADBAND INITIATIVE (in accordance with US Treasury Guidelines)

Investment in Broadband Infrastructure

RESPONSIBLE DEPARTMENT:

PROJECT MANAGER:

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: The COVID-19 public health emergency has emphasized the importance of universally available, high-speed, reliable, and affordable broadband coverage. The ARPA funding, in recognition of this critical need, provides the ability for governments to make necessary investments in broadband infrastructure. The Interim Final Rule defines eligible investments as those designed to provide services meeting adequate speeds and are provided to unserved and underserved households and businesses. Eligible projects are expected to be designed to deliver, upon completion, service that reliably meets or exceeds symmetrical upload and download speeds of 100Mbps. Additionally, under the Interim Final Rule, eligible projects are expected to focus on locations that are unserved or underserved. This is further defined as lacking access to wireline connection capable of reliably delivering at least 25Mbps download and 3 Mbps upload.

PROJECT FUNDING

TOTAL PROJECT COST:

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 5.17

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**

☐ YES ☐ NO **Ongoing Annual Cost: \$?**

2. **Project requires a partnership with another entity to complete:**

☐ YES ☐ NO **If YES, Entity Name:**



ARPA Spending Plan FY 2022 – FY 2024 (2025)

Priority	Water & Sewer Infrastructure Project Description	Project Detail Page #	Anticipated Expense 1st Distribution	Anticipated Expense 2nd Distribution	Total Anticipated Expense	Funding Appropriated Date/BA#	% of Project Cost paid w/ARPA Funds	% of Project Cost - Other Funding
			\$ 3,959,941	\$ 3,959,941	\$ 7,919,882			
#1-A	Upgrade & Expansion of WWTW SCADA System (Approved)	11	\$500,000	\$0	\$500,000	9-14-21 BA#22-007	100%	
#1-B	New Finished Water Storage Tank (Ant. Total Cost \$3,746,000)	12	\$2,432,941	\$1,313,059	\$3,746,000		100%	
#2	Permanent Pre-chlorination Building for Marsh & Jeffries Wells (Ant. Total Cost \$600k)	13	\$250,000	\$300,000	\$550,000		91.5%	8.5% - cash
#3	Replacement of 1,000 Water Meter Registers (Ant. \$225,000)	14	\$225,000		\$225,000		100%	
#4	WTP to Town Watermain Replacement (Ant. \$2,000,000)	15	\$480,000	\$1,520,000	\$2,000,000		100%	
#5 A	WTP SCADA System Improvements (Ant. \$ 18k)	16	\$18,000		\$18,000		100%	
#5-B	Critical Security Enhancements at WT Plant, Facilities & Water Sources (Ant. \$450k)	17		\$268,882	\$268,882		60%	40% - ?
#5-C	IT Core Infrastructure - Cybersecurity - Water & Wastewater (Ant. \$50k)	18	\$25,000	\$25,000	\$50,000		100%	
	Lining of Sewer Mains & Manholes (Ant. \$750k)	19		\$250,000	\$250,000		33%	67% - ?
	Reservoir to WTP Watermain Replacement (Ant. \$2,240,000)	20						100%
#5-D	ARPA Funding Program Administrator (Temp PT position - 1st yr approx. 6 mos)	21	\$29,000	\$283,000	\$312,000		100%	



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Sewer Infrastructure

Project # 21-01

UPGRADE & EXPANSION OF WWTP SCADA SYSTEM

Investment in Water and/or Sewer Infrastructure

DEPARTMENT: Engineering, Public Works & Wastewater

PROJECT MANAGER: B. Defibaugh/D. Lehnig

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

Action Agenda: Tier One

PROJECT DESCRIPTION

DESCRIPTION: This upgrade will replace an obsolete Supervisory Control & Data Acquisition (SCADA) system for the wastewater treatment facilities. The use of efficient and precise wastewater monitoring systems is critical as problems such as overflows can result in violations and costly fines. In this case, the automated SCADA system can alert the operators to make changes in the management of the flow of wastewater.

JUSTIFICATION: This critical technology provides instant access to information and operations, allowing operators to make decisions and analyze data necessary for the overall management, monitoring and control of the wastewater treatment process. If the current monitoring system should fail, it would require significant staff time and resources to keep operations running.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$500,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 5.5

FY 2022	\$ 500,000
FY 2023	
FY 2024	

Project Approved and Funding Appropriated: September 14, 2021 BA#22-007

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☐ YES ☐ NO Ongoing Annual Cost:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Drinking Water Storage -

Project #

NEW FINISHED WATER STORAGE TANK

Investment in Water and/or Sewer Infrastructure

DEPARTMENT: Engineering, Planning & Community Development

PROJECT MANAGER: D. Lehnig

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION: A new finished water storage tank was identified as a high priority in the 2021 Water Resources Update. The new elevated water storage is considered a critical project in order to increase the Town's effective storage, which is currently less than recommended by the Virginia Department of Health. The amount of additional storage recommended is 500,000 gallons.

JUSTIFICATION: The additional storage will provide drought resiliency, increase the reliability of the water system, provide additional storage for fire flow, and allow for greater flexibility for regular maintenance of the existing water storage tanks. It will further minimize the chances of contamination due to a decrease in water system pressure caused by high usages, drought conditions or water main breaks. The water storage tank will tie onto two separate and unique water mains, thereby providing two paths for the water to enter the Town distribution system. A site south of Woodgrove High School has been identified for the location of the new water storage tank.

PROJECT FUNDING

TOTAL PROJECT COST: **Anticipated \$3,746,000**

Treasury Expenditure Category: 5.14

RECOMMENDED ALLOCATIONS BY FY:

FY 2022	\$ 2,399,941
FY 2023	\$ 1,346,059
FY 2024	

Budgeted Funding in FY22 CIP: \$416,000

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**

☒ YES ☐ NO **Ongoing Annual Cost:** \$ 15,000 (Increased maintenance for site, tank & appurtenances)

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES: An RFP for design services will be issued by the end of November 2021. A selection committee will choose the design engineer. The Town is working with Loudoun County in order to provide a deed description of the property, which is located on land currently owned by the Loudoun County Board of Supervisors. Design and easement acquisition is expected to take 1- 1½ years, with construction commencing in the 4th quarter of 2023.



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Drinking Water Treatment - Project

PERMANENT PRE-CHLORINATION BUILDING FOR MARSH & JEFFERIES WELL

Investment in Water and/or Sewer Infrastructure

DEPARTMENT: Engineering, Planning & Community Development

PROJECT MANAGER: D. Lehnig/S. Alter

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION: This project provides a building in which to house the pre-chlorination facility for the Jeffries well. Currently, the pre-chlorination is housed in a small building that was permitted as a temporary solution by Loudoun County. The building will provide a future use for additional water supply treatment for the Aberdeen wells.

JUSTIFICATION: This project will increase system reliability and will be a first step to increase drought resiliency with respect to water supply capacity and was identified as a priority in the 2020 AWIA Risk Assessment.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$600,000

Treasury Expenditure Category: 5.10

RECOMMENDED ALLOCATIONS BY FY:

FY 2022	\$ 250,000
FY 2023	\$ 300,000
FY 2024	

Budgeted Funding in FY22 CIP: \$50,000

OTHER INFORMATION

- Project creates ongoing operational costs in FY 2025 and beyond:**
☒ YES ☐ NO **Ongoing Annual Cost:** \$ 2,500 (electric & general building maintenance)
- Project requires a partnership with another entity to complete:**
☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Drinking Water Infrastructure Project

REPLACEMENT OF 1,000 WATER METER REGISTERS

Investment in Water and/or Sewer Infrastructure

RESPONSIBLE DEPARTMENT: Public Works

PROJECT MANAGER: S. Grey

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION: As funding permitted, Town staff have been committed to the continued process of upgrading water meters throughout the Town. To enable communication with the current reading software, the approximately 1,000 remaining antiquated registers need to be upgraded. Without the use of the ARPA funding for this initiative, by using the current budgeted funding, the total time necessary to complete the needed upgrades would be 5 to 7 years. To initiate and complete the replacement, using ARPA funding, the process is expected to take 6 to 12 months.

JUSTIFICATION: The replacement meters will improve meter reading accuracy, allowing the Meter Technician more time for necessary repairs, reads, leak checks and other equipment assessment and repair. The new meters will also improve reaction and response time to identified leaks; ultimately conserving the Town's water resources and saving the customer money. Additionally, the upgrade will bring the Town one step closer to a customer portal, improving customer service through account information accessibility, transparency and customer trust.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$225,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 5.15

FY 2022	\$ 225,000
FY 2023	
FY 2024	

OTHER INFORMATION

- Project creates ongoing operational costs in FY 2025 and beyond:**
☒ YES ☐ NO **Ongoing Annual Cost:** Ongoing operational costs exist in the current budget and will continue annually.
- Project requires a partnership with another entity to complete:**
☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Drinking Water Transmission - Project

WATER TREATMENT PLANT TO TOWN WATER MAIN REPLACEMENT

Investment in Water and/or Sewer Infrastructure

DEPARTMENT: Engineering, Planning & Community Development

PROJECT MANAGER: D. Lehnig

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION: This project would replace over 5,000 liner feet of existing cast iron water main that was installed in the late 1960's and is 12" in diameter. This project will enable the installation of a larger diameter main to accommodate increased flows to the Town with the Jeffries Well treatment facility. A 25' easement exists and should be sufficient so legal and easement right-of-way costs should be limited.

JUSTIFICATION: This main is especially critical to the Purcellville's water distribution system as the main supply line into Town. This water main replacement will mitigate the current vulnerability in the Town's water supply system as a break in this line could cause a significant loss of water and potential contamination of the Town's water system. Additionally, this water main is the sole water main that conveys water from the water treatment plant and the Marsh Well to the Town's distribution system. A break in this water main would cut off nearly 50% of the Town's water supply to the Town. The estimated useful life of a new pipe is 60+ years. The new water main will decrease necessary maintenance (*Additional information may be found in the Town's Adopted FY 2022 Budget pgs. 268-269*)

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$2,000,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 5.11

FY 2022	\$ 480,000
FY 2023	\$ 1,520,000
FY 2024	\$

OTHER INFORMATION

- 1. Project creates ongoing operational costs in FY 2025 and beyond:**
☒ YES ☐ NO **Ongoing Annual Cost:** Minimal until the end of useful life
- 2. Project requires a partnership with another entity to complete:**
☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Water Infrastructure

Project

WTP SCADA SYSTEM IMPROVEMENTS

Investment in Water and/or Sewer Infrastructure

DEPARTMENT: Engineering, Public Works & Wastewater

PROJECT MANAGER: B. Snyder/D. Lehnig

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

Action Agenda: Tier One

PROJECT DESCRIPTION

DESCRIPTION: This upgrade will allow the update of the Supervisory Control & Data Acquisition (SCADA) system software before the end of the support period and add native encryption to the Nature Park tunnel. Additionally, this will replace the existing communication panel at the elevated tank with a new Opto22 PLC. Based on modern cybersecurity standards, will act as a data concentrator for the existing remote radio sites.

JUSTIFICATION: The use of efficient and precise water monitoring systems is critical to provide the Purcellville community with clean water. The water used every day is meticulously monitored to ensure the overall water quality is consistent and in compliance with state and federal regulations. This critical technology provides instant access to information and operations, allowing operators to make decisions and analyze data necessary for the overall management, monitoring and control of the water treatment process.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$18,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 5.15

FY 2022	\$ 18,000
FY 2023	\$
FY 2024	\$

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:
☐ YES ☐ NO Ongoing Annual Cost:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Water Infrastructure - Project

SECURITY ENHANCEMENTS FOR WATER TREATMENT PLANT & OTHER CRITICAL WATER INFRASTRUCTURE

Investment in Water and/or Sewer Infrastructure

DEPARTMENT: Public Works – Water

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION: The security enhancements will increase system resilience, mitigate any protentional vulnerabilities and implement additional protective measures across the Town's critical water infrastructure. This would include improvements to physical security, operational security, and resilience.

JUSTIFICATION: These projects will address items identified in two separate risk and resilience assessments conducted in 2019 and 2020. The America's Water Infrastructure Act (AWIA) was passed on October 23, 2018, and AWIA Section 2013 required approximately 10,000 community water systems serving greater than 3,300 people to develop or update risk and resilience assessments and ERPs. This assessment was completed by CHA May 2020. The next mandated step, due December 31, 2021 is the creation of an Emergency Response Plan. The DRAFT ERP was completed this month (Nov). It is important to note, the cybersecurity element of security enhancements for water and wastewater will be detailed in a separate project profile.

PROJECT DETAIL: *Projects addressing comments provided in the DHS Security & Resilience Report and Source Water Protection Plan will be noted as DHSSR & SWPP*

- 1) Replace corroded metal and doors at WTP buildings - **\$22,165**
- 2) Replace & Upgrade Security Fencing to meet the standards identified in the DHSRR & SWPP:
 - a) WTP – remove & replace 1,200 feet of existing fence w/new gate control - **\$106,200**
 - b) Elevated tank - remove & replace 1,000 feet of existing fence w/new gate control - **\$90,500**
 - c) Pre-treatment building – remove & replace 225 feet of existing fence - **\$17,505**
 - d) Fence 7 wells - **\$69,160** (VDH grant funding may be available for this expenditure)
- 3) Addition of 441 feet of guardrail (boulders are a possible alternative) along Short Hill Rd embankment per DHSSR - **\$29,212**
- 4) Installation of Security Cameras (includes recorded video surveillance at the sites without internet connection), in accordance with DHSSR & SWPP:
 - a) Elevated tank, pre-treatment building, Nature Park GWTP, Main St. GWTP, Mountain View GWTP - **\$19,662**
 - b) Potts Spring, Harris Spring & Cooper Spring (trail cams) **\$750.00**
- 5) Increase lighting at water facilities per DHSSR & SWPP - **\$12,700**
- 6) Replace under-sized generator at Nature Park GWTO per 2020 AWIA Risk Assessment - **\$80,000**

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated total of all security improvements \$450,000

**RECOMMENDED
ALLOCATIONS
BY FY:**

FY 2022	
FY 2023	\$268,882
FY 2024	Unidentified

Treasury Expenditure Category: 5.15

OTHER INFORMATION

1) Project creates ongoing operational costs in FY 2025 and beyond: ☐ YES ☐ NO
Ongoing Annual Cost: \$

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Water & Sewer Infrastructure - Project

**IT CORE INFRASTRUCTURE – CYBERSECURITY
WATER AND WASTEWATER**

**Investment in Water and/or Sewer
Infrastructure**

DEPARTMENT: IT

PROJECT MANAGER: S. Bohince

STRATEGIC INITIATIVE: Practice Good Governance

Action Agenda: Tier Two (#1)

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: As noted in the document, published in 2019 by the American Water Works Association, *Cybersecurity Risk & Responsibility in the Water Sector* (link to entire document available in the Resources section of this spending plan) “Cyber risk is the top threat facing business and critical infrastructure in the United States. Government intelligence confirms the water and wastewater sector is under a direct threat as part of a foreign government’s multi-stage intrusion campaign, and individual criminal actors and groups threaten the security of our nation’s water and wastewater systems’ operations and data.” Further, “A robust and tested cybersecurity program is critical to protect public health and safety, prevent service disruptions, and safeguard customer and employee personal and financial information.” Cyber crimes will continue to grow. While personal information and business data are attractive targets, the impact of cybersecurity attacks on water and sewer operations has the potential to impact not only the Town but also the region and beyond. In a catastrophic situation, the Town may need significant assistance via mutual aid from other local and regional municipal and non-governmental partners. Some potential negative impacts would be possible contamination, malfunctioning operational systems, and service outages. The magnitude of a system-wide loss of service could result in illnesses, possible loss of life as well as potentially compromise the ability for firefighters to fight fires and other emergency response efforts. The Town has cyber risk coverage through VRSA; however, it is critical the Town ensure reasonable defenses and protocols in place to help avoid and mitigate potential threats.

PROJECT FUNDING

TOTAL PROJECT COST: \$50,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Categories: 5.5 & 5.15

FY 2022	\$ 25,000
FY 2023	\$ 25,000
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☒ YES ☐ NO Ongoing Annual Cost: \$

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Sewer Infrastructure

Project

LINING OF SEWER MAINS & MANHOLES

Investment in Water and/or Sewer Infrastructure

DEPARTMENT: Engineering, Planning & Community Development

PROJECT MANAGER: D. Lehnig/S. Grey

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: This project will line approximately 10,000 linear feet of various sewer mains throughout the Town's sewer collection system. This will help to mitigate I&I. Priority areas are (1) G Street sewer basin – consistent with recommendations following a recent assessment, and (2) Country Club Drive and adjacent areas that flow into the West End pump station. We typically see the West End pump station run 2-3 time longer during rainfall and snow melt. The remainder of the funding would be focused sections that have infrastructure issues.

Additionally, this project will line approximately 1,000 vertical feet of cementitious lining of manholes. Lining of the manholes is a large part of the mitigation of I&I. The work would be completed in the same areas that the mainline lining is performed.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$750,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 5.5

FY 2022	
FY 2023	\$ 250,000
FY 2024	Unidentified

OTHER INFORMATION

- 1. Project creates ongoing operational costs in FY 2025 and beyond:**
☐ YES ☐ NO **Ongoing Annual Cost:** Minimal until the end of useful life.
- 2. Project requires a partnership with another entity to complete:**
☐ YES ☐ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Drinking Water Transmission - Project

RESERVOIR TO WATER TREATMENT PLANT WATER MAIN REPLACEMENT

DEPARTMENT: Engineering, Planning & Community Development

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

Investment in Water and/or Sewer Infrastructure

PROJECT MANAGER: D. Lehnig/
A. Broshkevitch

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION: The existing water main from the reservoir to the Water Treatment Plant was installed in the 1960's. This project would replace this raw water line from the Town's Hirst Reservoir to the water treatment plant. Challenges associated with this project may include access over difficult terrain, vegetative growth within the existing easement.

JUSTIFICATION: This water main replacement will mitigate the current vulnerability in the Town's water supply system as a break in this line could cause a significant loss of water. The estimated useful life of a new pipe is 60+ years. The new water main will decrease necessary maintenance. *(Additional information may be found in the Town's Adopted FY 2022 Budget pgs. 270 – 271)*

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$2,240,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 5.11

FY 2022	Unidentified
FY 2023	Unidentified
FY 2024	Unidentified

OTHER INFORMATION

- Project creates ongoing operational costs in FY 2025 and beyond:**
☐ YES ☐ NO **Ongoing Annual Cost:** Minimal until the end of useful life.
- Project requires a partnership with another entity to complete:**
☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES: The Town has a proposal for one of the Task Order Engineers to perform the design for a new water main. Once funding is allocated, the design can commence immediately.



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Administrative Expenses - Project

ARPA FUNDING PROGRAM ADMINISTRATOR

Administrative Expenses

DEPARTMENT: Administration

PROJECT MANAGER: H. McCann

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA:

PROJECT DESCRIPTION

DESCRIPTION: Request for one Temporary Full-Time (w/benefits) or Part-Time position to ensure Council's ARPA funded projects and initiatives will be carried out in accordance with the Treasury's Interim Final Rule, forthcoming Final Rule and all other conditions set forth by the Federal Government and U.S. Treasury Reporting requirements. Duties would include the oversight of the use of the funding; develop and maintain a reporting and tracking system for ARPA funded programs and projects; develop and maintain organized records to track all expenses and prepare the requisite reports to the Treasury; develop internal controls (written policies and procedures) for use of funding; manage financial and reporting details of ARPA funded program and project management, including review of associated invoices, budget tracking and payment thresholds; manages the section of the Town's website dedicated to ARPA; assists Finance in preparing data for audit of ARPA funds; conduct community outreach and other duties as necessary.

JUSTIFICATION: The appropriate use, management, compliance, reporting, and tracking associated with the use of ARPA funding created and will continue to create, a substantial increase in workload. Additional resources will be needed to ensure the projects and initiatives will be completed timely and in full compliance with all conditions set forth above. This individual would ensure the Town will be able to fully leverage the funding received and assist with the strategic use of the funding. Without a dedicated resource to service in this capacity, the Town will need to rely on increased support from engineers (specific to projects) and other outside consultants.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$312,000 (as a PT position)

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 7.1

FY 2022 (6mos)	\$ 31,200
FY 2023	\$ 62,400
FY 2024	\$ 62,400
FY 2025	\$ 62,400
FY 2026	\$ 62,400
FY 2027 (6mos)	\$ 31,200

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☒ YES ☐ NO **Ongoing Annual Cost:** Temporary position would END December 31, 2026

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan FY 2022 – FY 2024 (2025)

Priority	Public Health Emergency & Negative Economic Impacts Project Description	Project Detail Page #	Anticipated Expense 1st Distribution	Anticipated Expense 2nd Distribution	Total Anticipated Expense
Unassigned	Business Support	23			
	Utility Assistance Program <i>(delinquent residential w/s accts - \$ 50k)</i>	23			
	Support to Non-Profits & Other Public Health/COVID-19 Impacts <i>(?)</i>	23			
	Façade Improvement Program <i>(\$250k)</i>	24			
	Space Assessment @Town Hall (bldg space inefficiently used & assess for improvements to mitigate spread of disease) <i>(Ant. \$25k)</i>	25			
Unassigned	Touchless tech for Town facilities (ex. bathrooms, doors, etc) <i>(Ant. \$25k)</i>	26			
	Other Town facility modifications to mitigate spread of disease <i>(TBD)</i>	27			
			\$791,988	\$791,988	\$1,583,976



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Small Business Assistance - Project

SUPPORT TO BUSINESSES – OTHER GENERAL ECONOMIC ASSISTANCE (EXAMPLES: UTILITY ASSISTANCE, SUPPORT TO NON-PROFITS & OTHER PUBLIC HEALTH /COVID-19 IMPACTS)

Public Health Emergency & Negative Economic Impacts

DEPARTMENT: TBD

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: TBD – will require Town Council guidance and specific assistance criteria.

PROJECT FUNDING

TOTAL PROJECT COST: \$ Unidentified

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 2.9

FY 2022	Unidentified
FY 2023	
FY 2024	

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**
☐ YES ☐ NO **Ongoing Annual Cost:**
2. **Project requires a partnership with another entity to complete:**
☐ YES ☐ NO **If YES, Entity Name:** TBD

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Small Business Assistance - Project

FAÇADE IMPROVEMENT GRANT PROGRAM

Public Health Emergency & Negative Economic Impacts

DEPARTMENT: Engineering, Planning & Community Development

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION: A Façade Improvement Program would be established to enable the Town to partner with commercial property owners and commercial tenants to support commercial revitalization and redevelopment efforts. In addition to improvement elements such as general façade, landscaping and pedestrian access, this program would also assist businesses in their recovery efforts and front facing adjustments needed to address the COVID-19 pandemic. The program would further stimulate private investment, ultimately improving the aesthetic appearance of the Town's commercial areas. Specific aspects of the program will need to be developed and ultimately approved by the Town Council. A grant program framework does exist from a previous program offered by the Town.

PROJECT FUNDING

TOTAL PROJECT COST: Estimate \$250,000 annually

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 2.9

FY 2022	Unidentified
FY 2023	
FY 2024	

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**
☐ YES ☐ NO **Ongoing Annual Cost:**
2. **Project requires a partnership with another entity to complete:**
☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Public Health – Facility Changes - Project

SPACE ASSESSMENT @ TOWN HALL

(Pandemic & Space Related Facility Modifications)

Public Health Emergency & Negative Economic Impacts

DEPARTMENT: Administration

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION: Conduct a space assessment at Town Hall to assess for improvements to mitigate the spread of disease and to assess the inefficient use of space to identify better use and increase service delivery efficiency and effectiveness.

JUSTIFICATION: The use of space at Town Hall is unbalanced and, in many cases, inefficient. Staff would like to identify how to better use the available space to maximize efficiency and to provide more effective service delivery as well as providing the best structure and balance for ease of access by visitors, while ensuring overall health, safety and welfare of the occupants and visitors.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$25,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 1.7

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:
☐ YES ☐ NO Ongoing Annual Cost:
2. Project requires a partnership with another entity to complete:
☐ YES ☐ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Public Health – Facility Changes - Project

**TOUCHLESS TECHNOLOGY FOR ALL TOWN FACILITIES
TO PREVENT & MITIGATE THE
SPREAD OF DISEASE**

(ex. Bathrooms, doors, fixtures, elevator controls, etc.)

**Public Health Emergency & Negative Economic
Impacts**

DEPARTMENT: Engineering - Facilities Management

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION: To encourage and enhance a continued commitment to the health and safety of visitors and employees, assess and upgrade all Town facilities with touchless technology and other modifications to mitigate the spread of disease. By replacing fixtures and other items, with specific focus on high touch/high occupancy areas, the Town will be able to assist with the mitigation of continued spread of disease. This may include the addition of automatic door openers and card swipe access control.

JUSTIFICATION: A healthy building concept can include a wide range of options with the primary focus being functionality. Healthy buildings support the physical, psychological, and social well-being of the people operating in, as well as visiting, the building. To keep people healthy and mitigate the spread of disease, in a shared workspace, it is critical to set up systems to help avoid and limit necessary physical contact.

PROJECT FUNDING

TOTAL PROJECT COST: Estimate \$25,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 1.7

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

- Project creates ongoing operational costs in FY 2025 and beyond:**
☐ YES ☒ NO **Ongoing Annual Cost:**
- Project requires a partnership with another entity to complete:**
☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Public Health – Facility Changes - Project

OTHER FACILITY MODIFICATIONS TO MITIGATE SPREAD OF DISEASE

Public Health Emergency & Negative Economic Impacts

DEPARTMENT: Engineering – Facilities Management

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION: Conduct a space assessment at Town Hall to assess for improvements to mitigate the spread of disease and to assess the inefficient use of space to identify better use and increase service delivery efficiency and effectiveness.

JUSTIFICATION: A healthy building concept can include a wide range of options with the primary focus being functionality. Healthy buildings support the physical, psychological, and social well-being of the people operating in, as well as visiting, the building. To keep people healthy and mitigate the spread of disease, in a shared workspace, it is critical to set up systems to help avoid and limit necessary physical contact.

PROJECT FUNDING

TOTAL PROJECT COST: Estimate \$25,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 1.7

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**

☐ YES ☒ NO **Ongoing Annual Cost:**

2. **Project requires a partnership with another entity to complete:**

☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE - Premium Pay -

Project

Premium Pay to Eligible Workers

Public Sector Employees

DEPARTMENT: Administration & HR

PROJECT MANAGER: D. Mekarski

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION: ARPA funds may be used to provide premium pay to eligible workers performing essential services during the COVID-19 public health emergency. Workers who have been and continue to be relied upon to maintain continuity of operations of essential critical infrastructure sectors, including those who protect the health and well-being of their communities are classified as essential workers. The Treasury allows premium pay to be paid retroactively for work performed during the pandemic, recognizing many essential workers have not yet received additional compensation for their service during the pandemic.

JUSTIFICATION: In addition to essential workers in public safety, water, wastewater and maintenance, the Treasury further clarifies an essential worker as those who regularly perform in-person work, interact with others at work, or physically handle items handled by others. This would expand those qualified to the front-facing customer service positions, those that handle mail and currency, facility maintenance, inspections and other similar activities. Premium pay is not extended to those employees who were able to telework.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$200,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 4.1

FY 2022	\$ 27,992
FY 2023	\$172,008
FY 2024	

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**

☐ YES ☒ NO **Ongoing Annual Cost:**

2. **Project requires a partnership with another entity to complete:**

☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan FY 2022 – FY 2024 (2025)

Priority	Government Services to the extent of Revenue Reduction (Revenue Reduction Amounts are Estimated - Actual TBD)	Project Description	Project Detail Page #	Anticipated Expense 1st Distribution	Anticipated Expense 2nd Distribution	Total Anticipated Expense
Unassigned				\$500,000	\$355,984	\$855,984
		IT Core Infrastructure - Cybersecurity (excl. W&WW) (Ant. \$50k)	30			
		Installation of Card Swipe Entry & Cameras- Train Station (remote door control) (Ant. \$15k)	31			
		Town Emergency Preparedness/COOP/Recovery Plan (Ant. \$60k)	32			
		Electronic LED Community Event Sign @ Main & Maple (Ant. \$50k)	33			
		Repair electric service (install conduit) 21st/23rd Parking lot (Ant. \$46k)	34			
		Replace all public streetlights w/LED (Ant. \$58k)	35			
		AV/Technical Support during public meetings (Temp PT) (Ant. \$ 10k annually)	36			
		Outdoor Stage in Dillon's Woods (Ant. \$180k)	37			
		Generator for Police Department Facility (Ant. \$???k)	38			
		Security Camera System for Police Department Facility (Ant. \$???k)	39			
		Ballistic Drywall for Police Department Facility (Ant. \$???k)	40			
		Address Town Hall Security Needs (per LCSO inspection) (Ant. \$30k)	41			
		Generator at Tabernacle (emergency warming & cooling station) (Ant \$60k)	42			



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

IT CORE INFRASTRUCTURE
(excluding Water & Wastewater)

**Government Services to the extent of
Revenue Reduction**

RESPONSIBLE DEPARTMENT: IT

PROJECT MANAGER: S. Bohince

STRATEGIC INITIATIVE: Practice Good Governance

Action Agenda: Tier Two (#1)

PROJECT DESCRIPTION

DESCRIPTION & JUSTIFICATION: The need for enhancements to the Town's overall cyber security was identified in the Town's independent auditor's findings. Municipalities have been identified as ideal targets for cybercriminals. With the influx of significant federal funding transmitted to local governments, a commitment to adequate and diligent cybersecurity measures is more critical than ever. Hackers continue to develop new methods to disable systems while extracting money and information.

As noted in the project profile for cyber security updates in water and wastewater, according to a document published in 2019 by the American Water Works Association, *Cybersecurity Risk & Responsibility in the Water Sector* (link to entire document available in the Resources section of this spending plan) "A robust and tested cybersecurity program is critical to protect public health and safety, prevent service disruptions, and safeguard customer and employee personal and financial information." Cybercrimes will continue to grow. Personal information and business data remain attractive targets. The Town has cyber risk coverage through Virginia Risk Sharing Association) VRSA; however, it is critical the Town ensure reasonable defenses and protocols in place to help avoid and mitigate potential threats. In an effort to ensure the Town continues to meet VRSA's cybersecurity protocols and expectations, staff requested more specific information from their director of underwriting.

PROJECT FUNDING

TOTAL PROJECT COST: \$50,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Categories: 6.1

FY 2022	\$ 25,000
FY 2023	\$ 25,000
FY 2024	

OTHER INFORMATION

- Project creates ongoing operational costs in FY 2025 and beyond:**
☒ YES ☐ NO Ongoing Annual Cost: \$ TBD
- Project requires a partnership with another entity to complete:**
☐ YES ☒ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

INSTALLATION OF CARD SWIPE ENTRY & CAMERAS AT THE TRAIN STATION

Government Services to the extent of Revenue Reduction

DEPARTMENT: Engineering/Facilities Management

PROJECT MANAGER: J. Goff

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION: The installation of security camera(s) and badge swipe entry capability at the Train Station. The badge swipe technology would allow staff to remotely lock and unlock the Train Station's primary front access door for those who rent the facility, in lieu of requiring the user to pick up and drop off the key for each use. Additionally, the bathroom doors could be scheduled to lock & unlock.

JUSTIFICATION: This project would provide additional security mechanisms at the Train Station helping to protect the asset and ensure easier access for those who utilize the Train Station. The user would no longer need to remember to pick up a key prior to use. The door would be scheduled remotely to open and close for the required time period. Additionally, the bathroom doors would no longer need to be opened and closed daily by staff.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$15,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	\$15,000
FY 2023	
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☒ YES ☐ NO Ongoing Annual Cost: Minimal

2. Project requires a partnership with another entity to complete:

☐ YES ☐ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

TOWN-WIDE EMERGENCY PREPAREDNESS, CONTINUITY OF OPERATIONS, RECOVERY PLAN

Government Services to the extent of Revenue Reduction

DEPARTMENT: Administration

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Promote Community & Economic Well-Being

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: Over the last year, thoughts of “what if?” quickly became “what now?” in many unexpected ways. No one could have predicted the magnitude of impact and outcomes related to the COVID-19 pandemic. The Town of Purcellville continued to successfully provide the necessary services to the community by modifying many aspects of service delivery in remarkable ways. Although we have separate emergency operations plans for individual departments, such as water, wastewater, and PD, the Town does not have a comprehensive and effective formal town-wide organizational all-hazard emergency operations plan. Now more than ever we are reminded how critical it is to have written plans for emergencies. Whether it is a natural disaster, pandemic, equipment failure, human error or other emergency, the Town needs to be prepared to respond. Additionally, an emergency response plan demonstrates the Town's commitment to safety for both employees and the community, addresses and improves regulatory compliance, examines and addresses outdated processes, standardizes response methods across the organization, improves asset utilization, elevates training, provides a plan for continuity of operations, and ultimately keep the organization safe, secure and resilient. *(Links to FEMA emergency operations plans resources are available in the Resource section of this document.)*

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$60,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	\$60,000
FY 2023	
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☐ YES ☐ NO Ongoing Annual Cost:

2. Project requires a partnership with another entity to complete:

☐ YES ☐ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

ELECTRONIC COMMUNITY EVENTS SIGN

Government Services to the extent of Revenue Reduction

DEPARTMENT: Engineering, Planning and Community Development

PROJECT MANAGER: D. Lehnig/J. Goff

STRATEGIC INITIATIVE: Strengthen Community Partnerships

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: This would replace the existing community events sign with an electronic sign, saving staff time as well as cost to have signs made – both to those who pay to place signs for community events as well as the Town. This would also provide an opportunity for the Town to have immediate access to a public information communications platform, to provide critical and time sensitive notices to the public such as emergency messages, weather updates, changes to refuse service, etc.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$50,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☐ YES ☐ NO Ongoing Annual Cost:

2. Project requires a partnership with another entity to complete:

☐ YES ☐ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

REPAIR ELECTRIC SERVICE AT 21ST/23RD PARKING LOT
(INSTALL CONDUIT)

Government Services to the extent of Revenue Reduction

DEPARTMENT: Engineering/Facilities Management

PROJECT MANAGER: J. Goff/B Dryden

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA:

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: The original lights in the 21st street parking lot were installed in 2004. Dating back to 2016 we began to experience electrical issues. The electrical conductors were installed as direct burial UF cable. While this is an acceptable form of installation it increases the opportunity for damage to occur to the wires. While working with a local electrical contractor we have found numerous locations where the wires are damaged underground. Had the wires been installed in electrical conduits, we could easily replace the damaged wires. In 2019 we disconnected two of the lights to bypass one of the faults. Staff continued to evaluate and attempt to make repairs only to realize that the wiring underground is the source of the problem.

Currently we have five light fixtures that are not working. This creates a public safety issue as many of the parking spaces are dark after hours and the only light available is what bleeds over from the adjacent street lights. To make the appropriate repairs staff proposes to replace all of the existing underground wiring with conduits and new conductors. The cost of this shall include the cutting of the parking lot pavement and sidewalks in multiple locations to install the conduit, mill and overlay repave, and restripe the lot afterwards. The conversion of the current mercury vapor light bulbs to LED retrofit will be done in conjunction with this repair work.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$46,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	
FY 2023	\$46,000
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☒ YES ☐ NO **Ongoing Annual Cost:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

REPLACE ALL PUBLIC STREET LIGHTS WITH LED

Government Services to the extent of Revenue Reduction

DEPARTMENT: Engineering/Facilities Management

PROJECT MANAGER: J. Goff/B. Dryden/A. Broshkevitch

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA:

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: This project would replace 375 public street lights with LED units and be conducted in partnership with Dominion Energy. LED lighting technology is more energy efficient and has a longer life span than the traditional mercury vapor, sodium vapor, or metal halide lights. Dominion Energy notes the conversion fees are an affordable option to allow local governments to transition to LED street lights and benefit from reduced usage rates resulting in cost savings on electric bills. Reduction of monthly and annual usage (kWh) would be 33% with a return on investment w/in 7.5 years. This would result in a \$623 monthly savings (\$7,474 per year). Fairfax County, the City of Alexandria, City of Falls Church, and the Towns of Round Hill and Hamilton have either completed the transition to LED or have upgrades currently underway.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$58,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**

☐ YES ☐ NO **Ongoing Annual Cost:**

2. **Project requires a partnership with another entity to complete:**

☐ YES ☐ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

AV/TECHNICAL SUPPORT FOR PUBLIC MEETINGS

Government Services to the extent of Revenue Reduction

DEPARTMENT: IT/Administration

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier Two (#4)

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: Request for one Temporary PT position (16-20 hours per month), or an increase to the budgeted hours for existing staff, to manage the A/V system in Council Chambers during public meetings. The new technology, installed in Council Chambers over the past several years, enabled the Town to continue the provision of fully transparent government during the pandemic and for the future by allowing citizens, Town Council members, committee members and staff to not only watch meetings remotely but the ability to participate remotely.

While the new technology enabled enhanced and remote meeting participation, it also complicated the meeting management process. Technical assistance became necessary to ensure the systems are in working order prior to and during the meetings. AV prep and testing prior to meetings as well as technical support during the meetings is critical to address on-the-fly audio and video adjustments, settings management and other minor repairs while monitoring the meeting chat box discussions and the coordination of presentations. This support enables the Town Clerk, Deputy Clerk or staff liaisons to focus on meeting administrative items, such as organizing citizen comments, miscellaneous Council requests, handouts, citizens attending for recognition, capturing action items during meetings and any last-minute requests that may arise.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$40,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	\$10,000
FY 2023	\$10,000
FY 2024	\$10,000
FY 2025	\$10,000

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:
☐ YES ☐ NO Ongoing Annual Cost:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

OUTDOOR STAGE FOR DILLION'S WOODS

Government Services to the extent of Revenue Reduction

DEPARTMENT: Parks & Recreation

PROJECT MANAGER: J. Goff/A. Ware

STRATEGIC INITIATIVE: Promote Community & Economic Well Being

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: This project is to build an outdoor stage in Dillon's Woods to eliminate the need to rent a stage for the Purcellville Music and Arts Festival every year (\$2,800), and to increase the potential uses of this beautiful area. An outdoor stage will make it possible for the Town to host concerts and make the area available to others to hold concerts, performances, and plays. Dillon's Woods is under-utilized now; an outdoor stage will open many possibilities for the Town to offer music and the arts to Town residents and visitors. It will provide new opportunities to feature local artists and performers, local food and beverage establishments, and increase visits to local businesses before and after events held in Dillon's Woods on the outdoor stage.

The Town is planning to approach the outdoor stage in phases with the remainder of FY22 working on the design; FY23 focused on the foundation and electrical work; and FY24 focused on building the structure.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$180,000

Treasury Expenditure Category: 6.1

RECOMMENDED ALLOCATIONS BY FY:

FY 2022	
FY 2023	
FY 2024	

Budgeted Funding in FY22 CIP: \$44,125

Budgeted Funding in FY21 CIP: \$ 5,875
(Used for site survey)

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☐ YES ☐ NO Ongoing Annual Cost: Minimal

2. Project requires another entity to complete:

☐ YES ☐ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov’t Services - Project

GENERATOR FOR POLICE DEPARTMENT FACILITY

Government Services to the extent of Revenue Reduction

DEPARTMENT: Police Department

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: The Police Department is requesting that the Town of Purcellville utilize ARPA funding for the purchase of a generator for the Purcellville Police Facility. In October of 2021, the Purcellville Police Department leased approximately 2,000 square feet additional space from the suite adjacent to the existing Police Station. The existing portion of the facility is serviced by a low capacity generator that operates only the town computer servers, the card access system, a small kitchenette, and the front counter work space. Minimal lighting for the remainder of the building is provided by limited life batteries.

During FY 22, with the additional space, the Police Department will be reconfigured and will include the installation of a building security system and other safety improvements. The Department will also serve as the Towns Emergency Operations Center during weather and other emergencies. A new generator is critical to the Continuity of Operations (COOP) of the Purcellville Police Department by powering computers that access multiple investigative data bases, preserving the integrity of evidence that requires refrigeration, maintaining physical operations of the facility in emergencies including climate control and restrooms, keeping lights and power throughout the building, allowing officers to work efficiently and effectively during periods of power failure or if the Power Grid is non-operational, due to cyber or physical attack.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated TBD

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:

☐ YES ☐ NO Ongoing Annual Cost:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

SECURITY CAMERA SYSTEM FOR POLICE DEPARTMENT FACILITY

DEPARTMENT: Police

STRATEGIC INITIATIVE: Practice Good Governance

Government Services to the extent of Revenue Reduction

PROJECT MANAGER: J. Goff/S. Bohince

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: This project would include camera instillation in interrogation room, lobby area, back lot, front lot, property and evidence room door and interior areas. These security camera installations will provide greater security to the facility. Monitoring the cameras will be beneficial should there be security risks involving police officers or facilities. It is best practice to provide security coverage of vulnerable government buildings. Cameras monitoring the property and evidence areas is required to meet VLEPSC accreditation standards.

PROJECT FUNDING

TOTAL PROJECT COST: TBD

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

3. Project creates ongoing operational costs in FY 2025 and beyond:

☒ YES ☐ NO **Ongoing Annual Cost:** Minimal

4. Project requires another entity to complete:

☒ YES ☐ NO **If YES, Entity Name:** Moseley Architect/Tech Contractor TBD

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

BALLISTIC DRYWALL FOR EXTERIOR OFFICES AND ARMORY – POLICE DEPARTMENT FACILITY

Government Services to the extent of Revenue Reduction

DEPARTMENT: Police Department

PROJECT MANAGER: J. Goff/B. Dryden

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier One

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: The exterior of the building is currently a brick façade, this building serves as the Public Safety building for the Town's police officers as well as the Emergency Operations Center during Town emergencies. This project would line interior walls of the exterior wall with ballistic dry wall protecting staff from adversarial attacks by gun fire. In addition, the walls and ceiling of the armory would be lined to ensure no escape of a bullet should an accidental discharge occur during the handling of a firearm during cleaning and/or repairing a firearm. The public has access to the lobby and they are greeted by the administrative assistant. This is a vulnerable area for attack. Ballistic drywall will be installed to protect staff from adversarial attacks from anyone entering the lobby.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated TBD

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:
☐ YES ☒ NO Ongoing Annual Cost:
2. Project requires another entity to complete:
☒ YES ☐ NO If YES, Entity Name: Moseley Architect/Construction Co. TBD

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

ADDRESS TOWN HALL SECURITY NEEDS

**Government Services to the extent of
Revenue Reduction**

RESPONSIBLE DEPARTMENT: TBD

PROJECT MANAGER: TBD

STRATEGIC INITIATIVE: Practice Good Governance

Action Agenda: Tier Two (#1)

PROJECT DESCRIPTION

DESCRIPTION & JUSTIFICATION: While it is critical for the Town Hall to remain open and accessible to the public, public access can pose threats to security. Even the smallest security breach can have lasting effects on the Town and the community. In 2019 a staff Security Planning Team was established to review needs and develop plans to address those needs. Prior to the development of this team, a representative from the Loudoun County's Sheriff's Office completed a security review of the Town Hall. Recommendations were made to address identified security needs and upgrades. Unfortunately, the pandemic arrived not long after the team began meeting. The team's efforts were redirected to the continued provision of services within a closed building. As a result of the pandemic, we are now looking at the provision of government services a little differently. The hours for public access at Town Hall have been modified multiple times over the last year and a half. As we move toward an increase to public access, we need to refocus on security. Upgrades began with the installation of a Ring camera at the front entrance. Additionally, card reader access has been added to the first-floor access doors, including the Chambers. Staff would like to continue this transition with the doors on the lower level as well as other identified areas. Two new cameras have been added to the exterior of the building. This project would continue this effort.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$30,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Categories: 6.1

FY 2022	
FY 2023	
FY 2024	

OTHER INFORMATION

1. **Project creates ongoing operational costs in FY 2025 and beyond:**
☐ YES ☐ NO **Ongoing Annual Cost:**
2. **Project requires a partnership with another entity to complete:**
☐ YES ☒ NO **If YES, Entity Name:**

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

PROJECT PROFILE – Revenue Reduction/Gov't Services - Project

GENERATOR AT THE TABERNACLE

Government Services to the extent of Revenue Reduction

DEPARTMENT: Engineering/Facilities Management

PROJECT MANAGER: J. Goff/B. Dryden

STRATEGIC INITIATIVE: Practice Good Governance

ACTION AGENDA: Tier Two

PROJECT DESCRIPTION

DESCRIPTION and JUSTIFICATION: The installation of a generator at the Tabernacle to assist in continuity of use as well as use as an emergency cooling/warming or other use in the event of an emergency.

PROJECT FUNDING

TOTAL PROJECT COST: Anticipated \$60,000

RECOMMENDED ALLOCATIONS BY FY:

Treasury Expenditure Category: 6.1

FY 2022	\$60,000
FY 2023	
FY 2024	

OTHER INFORMATION

1. Project creates ongoing operational costs in FY 2025 and beyond:
☒ YES ☐ NO Ongoing Annual Cost: Minimal
2. Project requires a partnership with another entity to complete:
☐ YES ☒ NO If YES, Entity Name:

TOWN ARPA CSLFRF FUNDING APPLICATION ATTACHED: ☐ YES ☐ NO

PROJECT STATUS & NOTES:



ARPA Spending Plan

FY 2022 – FY 2024 (2025)

RESOURCES:

(information updated 11/17/2021)

Government Finance Officers Association (GFOA) Coronavirus response resource center:

<https://www.gfoa.org/coronavirus>

National League of Cities (NLC):

<https://www.nlc.org/covid-19-pandemic-response/american-rescue-plan-act/>

Virginia Municipal League (VML):

<https://www.vml.org/american-rescue-plan-act-resources/>

National Association of Counties (NACo):

<https://www.naco.org/sites/default/files/documents/NACo%20Preliminary%20Overview%20of%20Treasury%20Guidance%205.11.21.pdf>

Virginia Association of Counties (VACO):

<https://www.vaco.org/american-rescue-plan-act/>

State and Local Fiscal Recovery Funds (SLFRF) Main Page:

<https://home.treasury.gov/policy-issues/coronavirus/assistance-for-state-local-and-tribal-governments/state-and-local-fiscal-recovery-funds>

Coronavirus State and Local Fiscal Recovery Funds (CSLFRF) FAQ's

<https://home.treasury.gov/system/files/136/SLFRPFAQ.pdf>

Interim Final Rule:

<https://www.govinfo.gov/content/pkg/FR-2021-05-17/pdf/2021-10283.pdf>

US Treasury Non-Entitlement Unit Information:

<https://home.treasury.gov/policy-issues/coronavirus/assistance-for-state-local-and-tribal-governments/state-and-local-fiscal-recovery-fund/non-entitlement-units>

US Treasury Compliance and Reporting Information:

<https://home.treasury.gov/policy-issues/coronavirus/assistance-for-state-local-and-tribal-governments/state-and-local-fiscal-recovery-funds/recipient-compliance-and-reporting-responsibilities>

Census Classification Manual:

https://www2.census.gov/govs/pubs/classification/2006_classification_manual.pdf

US Treasury's User Guide for Treasury's Portal for Recipient Reporting:

https://home.treasury.gov/system/files/136/SLFRF_Treasury-Portal-Recipient-Reporting-User-Guide.pdf

American Water Works Association – Cybersecurity Risk & Responsibility in the Water Sector

<https://www.awwa.org/Portals/0/AWWA/Government/AWWACybersecurityRiskandResponsibility.pdf>

FEMA – Developing and Maintaining Emergency Operations Plans:

<https://www.fema.gov/emergency-managers/national-preparedness/plan>

https://www.fema.gov/sites/default/files/documents/fema_cpg-101-v3-developing-maintaining-eops.pdf

TOWN OF PURCELLVILLE

ARPA CSLFRF FUNDING APPLICATION

*Application MUST be COMPLETED in its ENTIRETY. ALL INFORMATION IS REQUIRED.
When complete, submit to Hooper McCann, Dir. of Admin via email (cc: Liz Krens and Paula Hicks) or hard copy.*

Date submitted:

Department: Project Manager:

Phone Number: Email Address:

Project Name:

Amount Requested:

ARPA Expenditure Category (see Attachment A): ☐ . ☐ (If unsure of appropriate category, please contact Hooper or Liz - Do Not Leave Blank)

Additional Reporting Required (Check one or both if applicable per Attachment A):

☐ Evidence-based intervention documentation (If checked, describe the goals of the project and the evidence base for the intervention. Such evidence clearinghouses include the U.S. Department of Education's What Works Clearinghouse, the U.S. Department of Labor's CLEAR, and the Childcare & Early Education Research Connections and the Home Visiting Evidence of Effectiveness clearinghouses from Administration for Children and Families, as well as other clearinghouses relevant to particular projects.)

☐ Demographics information (If checked, describe how the project targets economically disadvantaged communities by noting that the intended beneficiaries earn less than 60 percent of the median income OR that over 25 percent of the intended beneficiaries are below the federal poverty line.)

Provide Data Sources (attach additional background information - quotes, etc):

Project Scope:

Estimated Completion Date:

Projected Cash Flow:

FY2022	FY2023	FY2024	FY2025	FY2026

TOTAL: \$ 0 (Must agree to Amount Requested.)

Will there be on-going maintenance, license, administrative or other costs beyond FY2026?

YES

☐

NO

☐

If YES, provide further information in the justification information below.

Eligibility Justification: (Provide justification for eligibility and cite sources such as ARPA IFR paragraph number or FAQ number. See Attachment B for a non-exclusive list of Reference Materials from US Treasury.)

For ARPA Administration Use Only

Eligibility Determination:

☐

Yes

☐

No

If No, Reason:

Approved by:

DATE:

Town Manager Approval for TC Action (formal Allocation & BA)

Date Budget Approved:

BA #

ARPA Expense Acct #:

PRIOR TO INITIATION OF PROJECT / EXPENDITURE

Anticipated Project Begin Date (or expenditure purchase date):

Procurement Review and Approval: (procurement officer initial and date)

Date of Staff ARPA Documentation Planning Meeting:

(To ensure compliance w/federal reporting standards and other necessary project documentation criteria will be met and tracked appropriately)

**Appendix 1: Expenditure Categories**

The Expenditure Categories (EC) listed below must be used to categorize each project as noted in Part 2 above. The term "Expenditure Category" refers to the detailed level (e.g., 1.1 COVID-10 Vaccination). When referred to at the summary level (e.g., EC 1) it includes all Expenditure Categories within that summary level.

1: Public Health	
1.1	COVID-19 Vaccination ^
1.2	COVID-19 Testing ^
1.3	COVID-19 Contact Tracing
1.4	Prevention in Congregate Settings (Nursing Homes, Prisons/Jails, Dense Work Sites, Schools, etc.)*
1.5	Personal Protective Equipment
1.6	Medical Expenses (including Alternative Care Facilities)
1.7	Capital Investments or Physical Plant Changes to Public Facilities that respond to the COVID-19 public health emergency
1.8	Other COVID-19 Public Health Expenses (including Communications, Enforcement, Isolation/Quarantine)
1.9	Payroll Costs for Public Health, Safety, and Other Public Sector Staff Responding to COVID-19
1.10	Mental Health Services*
1.11	Substance Use Services*
1.12	Other Public Health Services
2: Negative Economic Impacts	
2.1	Household Assistance: Food Programs* ^
2.2	Household Assistance: Rent, Mortgage, and Utility Aid* ^
2.3	Household Assistance: Cash Transfers* ^
2.4	Household Assistance: Internet Access Programs* ^
2.5	Household Assistance: Eviction Prevention* ^
2.6	Unemployment Benefits or Cash Assistance to Unemployed Workers*
2.7	Job Training Assistance (e.g., Sectoral job-training, Subsidized Employment, Employment Supports or Incentives)* ^
2.8	Contributions to UI Trust Funds
2.9	Small Business Economic Assistance (General)* ^
2.10	Aid to Nonprofit Organizations*
2.11	Aid to Tourism, Travel, or Hospitality
2.12	Aid to Other Impacted Industries
2.13	Other Economic Support* ^
2.14	Rehiring Public Sector Staff
3: Services to Disproportionately Impacted Communities	
3.1	Education Assistance: Early Learning* ^
3.2	Education Assistance: Aid to High-Poverty Districts ^
3.3	Education Assistance: Academic Services* ^
3.4	Education Assistance: Social, Emotional, and Mental Health Services* ^
3.5	Education Assistance: Other* ^
3.6	Healthy Childhood Environments: Child Care* ^
3.7	Healthy Childhood Environments: Home Visiting* ^
3.8	Healthy Childhood Environments: Services to Foster Youth or Families Involved in Child Welfare System* ^



3.9	Healthy Childhood Environments: Other* ^
3.10	Housing Support: Affordable Housing* ^
3.11	Housing Support: Services for Unhoused Persons* ^
3.12	Housing Support: Other Housing Assistance* ^
3.13	Social Determinants of Health: Other* ^
3.14	Social Determinants of Health: Community Health Workers or Benefits Navigators* ^
3.15	Social Determinants of Health: Lead Remediation ^
3.16	Social Determinants of Health: Community Violence Interventions* ^
4: Premium Pay	
4.1	Public Sector Employees
4.2	Private Sector: Grants to Other Employers
5: Infrastructure²⁷	
5.1	Clean Water: Centralized Wastewater Treatment
5.2	Clean Water: Centralized Wastewater Collection and Conveyance
5.3	Clean Water: Decentralized Wastewater
5.4	Clean Water: Combined Sewer Overflows
5.5	Clean Water: Other Sewer Infrastructure
5.6	Clean Water: Stormwater
5.7	Clean Water: Energy Conservation
5.8	Clean Water: Water Conservation
5.9	Clean Water: Nonpoint Source
5.10	Drinking water: Treatment
5.11	Drinking water: Transmission & Distribution
5.12	Drinking water: Transmission & Distribution: Lead Remediation
5.13	Drinking water: Source
5.14	Drinking water: Storage
5.15	Drinking water: Other water infrastructure
5.16	Broadband: "Last Mile" projects
5.17	Broadband: Other projects
6: Revenue Replacement	
6.1	Provision of Government Services
7: Administrative	
7.1	Administrative Expenses
7.2	Evaluation and Data Analysis
7.3	Transfers to Other Units of Government
7.4	Transfers to Non-entitlement Units (States and territories only)

*Denotes areas where recipients must identify the amount of the total funds that are allocated to evidence-based interventions (see Use of Evidence section above for details)

^Denotes areas where recipients must report on whether projects are primarily serving disadvantaged communities (see Project Demographic Distribution section above for details)

²⁷ Definitions for water and sewer Expenditure Categories can be found in the EPA's handbooks. For "clean water" expenditure category definitions, please see: <https://www.epa.gov/sites/production/files/2018-03/documents/cwdefinitions.pdf>. For "drinking water" expenditure category definitions, please see: <https://www.epa.gov/dwsrf/drinking-water-state-revolving-fund-national-information-management-system-reports>.



Appendix 2: Evidenced-Based Intervention Additional Information

What is evidence-based?

For the purposes of the SLFRF, evidence-based refers to interventions with strong or moderate evidence as defined below:

Strong evidence means the evidence base that can support causal conclusions for the specific program proposed by the applicant with the highest level of confidence. This consists of one or more well-designed and well-implemented experimental studies conducted on the proposed program with positive findings on one or more intended outcomes.

Moderate evidence means that there is a reasonably developed evidence base that can support causal conclusions. The evidence base consists of one or more quasi-experimental studies with positive findings on one or more intended outcomes OR two or more non-experimental studies with positive findings on one or more intended outcomes. Examples of research that meet the standards include: well-designed and well-implemented quasi-experimental studies that compare outcomes between the group receiving the intervention and a matched comparison group (i.e., a similar population that does not receive the intervention).

Preliminary evidence means that the evidence base can support conclusions about the program's contribution to observed outcomes. The evidence base consists of at least one non-experimental study. A study that demonstrates improvement in program beneficiaries over time on one or more intended outcomes OR an implementation (process evaluation) study used to learn and improve program operations would constitute preliminary evidence. Examples of research that meet the standards include: (1) outcome studies that track program beneficiaries through a service pipeline and measure beneficiaries' responses at the end of the program; and (2) pre- and post-test research that determines whether beneficiaries have improved on an intended outcome.



FY 2023 Capital Improvement Plan

November 17, 2021 at 7 PM
Work Session

Funding Sources

Funding Source	Total Required Project Funding	Funded through 6/30/21	Carryover FY21	Original Budget FY22	Adopted FY22	Proposed				Total for FY23-FY27 CIP	
Sources			FY21	FY22	FY22	FY23	FY24	FY25	FY26	FY27	
Cash	6,593,615	2,963,233	1,710,731	175,000	2,955,931	442,454	231,997	-	-	-	674,451
ARPA	6,796,000	-	-	400,000	1,316,000	5,480,000	-	-	-	-	5,480,000
Future Loan	4,524,200	-	-	1,925,000	1,925,000	365,000	959,200	1,000,000	-	275,000	2,599,200
VDOT	9,099,670	1,578,960	2,514,416	376,350	2,890,766	595,261	301,406	851,124	-	2,882,153	4,629,944
NVTA	5,247,120	1,290,607	1,506,808	380,290	1,887,098	384,005	242,828	1,107,053	-	335,529	2,069,415
County Funding	8,382,080	866,474	974,606	-	1,174,606	345,000	613,000	1,594,000	1,533,000	2,256,000	6,341,000
Profilers	552,527	-	395,517	157,010	552,527	-	-	-	-	-	-
SLAF Grant	300,000	-	300,000	-	300,000	-	-	-	-	-	-
Grant	328,734	-	-	100,000	100,000	228,734	-	-	-	-	228,734
Sponsorships/Donation	50,000	-	-	-	-	-	50,000	-	-	-	50,000
Other	263,004	263,004	-	-	-	-	-	-	-	-	-
To Be Determined	496,100	-	-	-	-	-	496,100	-	-	-	496,100
	42,633,051	6,962,279	7,402,078	3,513,650	13,101,928	7,840,454	2,894,531	4,552,177	1,533,000	5,748,682	22,568,844

CIP Uses by Fund

CIP Uses by Fund	Total Project Cost	Expended through 6/30/21	Carryover FY21	Original Budget FY22	Adopted FY22	FY23	FY24	FY25	FY26	FY27	Total for FY23-FY27 CIP
General Fund	25,088,902	4,091,938	5,779,733	913,650	7,963,583	916,728	1,557,794	3,552,177	1,533,000	5,473,682	13,033,381
Parks & Rec Fund	1,210,918	5,875	344,125	125,000	469,125	585,918	150,000	-	-	-	735,918
Water Fund	13,327,021	1,691,891	634,855	2,325,000	3,375,855	6,072,538	1,186,737	1,000,000	-	-	8,259,275
Wastewater Fund	3,006,210	1,172,575	643,365	150,000	1,293,365	265,270	-	-	-	275,000	540,270
	42,633,051	6,962,279	7,402,078	3,513,650	13,101,928	7,840,454	2,894,531	4,552,177	1,533,000	5,748,682	22,568,844

GENERAL FUND SUMMARY

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
Cash	1,846,479	387,893	1,458,586	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-	-	10,000,000	10,000,000
VDOT	8,844,595	1,546,963	2,890,766	467,723	205,866	851,124	-	4,406,866	-	4,406,866
NVTA	5,247,120	1,290,607	1,887,098	384,005	242,828	1,107,053	-	2,069,415	-	2,069,415
County Funding	7,802,080	866,474	874,606	65,000	613,000	1,594,000	1,533,000	6,061,000	2,041,000	8,102,000
Proffers	552,527	-	552,527	-	-	-	-	-	-	-
SLAF Grant	300,000	-	300,000	-	-	-	-	-	-	-
To Be Determined	496,100	-	-	-	496,100	-	-	496,100	1,079,000	1,575,100
Total General Fund	25,088,902	4,091,938	7,963,583	916,728	1,557,794	3,552,177	1,533,000	13,033,381	13,120,000	26,153,381

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
Priority Projects										
32nd & Main Intersection Improvements	1,827,800	119,451	1,196,349	-	-	412,000	-	512,000	-	512,000
12th Street Improvements	3,080,391	327,335	1,672,664	-	448,694	631,698	-	1,080,392	-	1,080,392
Main & Maple Intersection Imp Phase 2	1,269,372	232,788	977,584	59,000	-	-	-	59,000	-	59,000
Street Lighting - N Maple Ave/L VHS	200,000	-	200,000	-	-	-	-	-	-	-
S 20th Street Mid-Block Crosswalk	140,000	-	-	65,000	75,000	-	-	140,000	-	140,000
Police Leased Facility Renovation	1,200,000	60,035	1,139,965	-	-	-	-	-	-	-
Hirst Farm Pond Conversion	1,096,100	75,204	524,796	-	496,100	-	-	496,100	-	496,100
Berlin Turnpike, Eastgate Dr. PHC circle Intersection	700,000	-	-	-	-	700,000	-	700,000	-	700,000
G Street Sidewalk Improvements	2,824,221	-	-	692,728	-	914,479	-	2,824,221	-	2,824,221
S Nursery Avenue Sidewalk Phase 1	635,000	-	-	-	-	227,000	408,000	635,000	-	635,000
S Nursery Avenue Sidewalk Phase 2	1,160,000	-	-	-	-	-	695,000	1,160,000	-	1,160,000
SR690 N 21st Street Multi-use Trail Phase 1	1,960,668	-	-	-	538,000	667,000	-	1,960,668	-	1,960,668
S 20th Street Sidewalk-A St to PW Facility	1,780,000	-	-	-	-	-	430,000	1,780,000	1,237,000	3,017,000
S 32nd Street Sidewalk-J St to Nursery Ave	1,686,000	-	-	-	-	-	-	1,686,000	804,000	2,490,000
	19,559,553	814,814	5,711,358	916,728	1,557,794	3,552,177	1,533,000	13,033,381	2,041,000	15,074,381

GENERAL FUND SUMMARY

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed					Total for FY23-FY27 CIP	Total for FY28-FY32 CIP	Total for 10-Yr CIP
Completed/Nearing Completion											
Hatcher Avenue Sidewalk Improvements	1,325,079	315,943	1,009,136	-	-	-	-	-	-	-	-
Nursery Avenue Improvements	2,535,323	1,875,435	659,888	-	-	-	-	-	-	-	-
Upgrade Financial Software	422,500	327,859	94,641	-	-	-	-	-	-	-	-
ERP Software Phase 2	70,200	-	70,200	-	-	-	-	-	-	-	-
A Street Trail from BRMS to Maple	875,000	596,746	278,254	-	-	-	-	-	-	-	-
Path from LVHS to Sutton Drive	301,249	161,143	140,106	-	-	-	-	-	-	-	-
	5,529,351	3,277,126	2,252,225	-	-	-	-	-	-	-	-
Priority Future Projects											
E Street Sidewalk-Drainage	-	-	-	-	-	-	-	-	-	772,000	772,000
Villages of Purcellville Drainage	-	-	-	-	-	-	-	-	-	307,000	307,000
Permanent Police Facility	-	-	-	-	-	-	-	-	-	10,000,000	10,000,000
	-	-	-	-	-	-	-	-	-	11,079,000	11,079,000
Total General Fund	25,088,902	4,091,938	7,963,583	916,728	1,557,794	3,552,177	1,533,000	5,473,682	13,033,381	13,120,000	26,153,381

GENERAL FUND SUMMARY

Funding Summary

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	FY23	FY24	FY25	FY26	FY27	Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr-CIP
VDOT											
Main & Maple Intersection Imp Phase 2	1,034,034	232,788	801,246	-	-	-	-	-	-	-	-
Nursery Avenue Improvements	1,266,166	932,810	333,356	-	-	-	-	-	-	-	-
12th Street Improvements	1,205,866	163,668	836,332	-	205,866	-	-	-	205,866	-	205,866
32nd & Main Intersection Improvements	740,867	59,726	475,141	-	-	206,000	-	-	206,000	-	206,000
S 32nd Street Sidewalk-J St to Nursery Ave	1,245,000	-	-	-	-	-	-	1,245,000	1,245,000	-	1,245,000
G Street Sidewalk Improvements	2,000,000	-	-	467,723	-	645,124	-	887,153	2,000,000	-	2,000,000
SR690 N 21st Street Multi-use Trail Phase 1	750,000	-	-	-	-	-	-	750,000	750,000	-	750,000
Hatcher Avenue Sidewalk Improvements	602,663	157,972	444,691	-	-	-	-	-	-	-	-
	8,844,595	1,546,963	2,890,766	467,723	205,866	851,124	-	2,882,153	4,406,866	-	4,406,866
NVTA											
Main & Maple Intersection Imp Phase 2	231,558	-	172,558	59,000	-	-	-	-	59,000	-	59,000
Nursery Avenue Improvements	909,243	909,243	-	-	-	-	-	-	-	-	-
12th Street Improvements	1,874,526	163,668	836,332	-	242,828	631,698	-	-	874,526	-	874,526
32nd & Main Intersection Improvements	1,086,933	59,725	721,208	100,000	-	206,000	-	-	306,000	-	306,000
G Street Sidewalk Improvements	824,221	-	-	225,005	-	269,355	-	329,861	824,221	-	824,221
SR690 N 21st Street Multi-use Trail Phase 1	5,668	-	-	-	-	-	-	5,668	5,668	-	5,668
Hatcher Avenue Sidewalk Improvements	314,972	157,972	157,000	-	-	-	-	-	-	-	-
	5,247,120	1,290,607	1,887,098	384,005	242,828	1,107,053	-	335,529	2,069,415	-	2,069,415
Cash											
Main & Maple Intersection Imp Phase 2	3,780	-	3,780	-	-	-	-	-	-	-	-
Hirst Farm Pond Conversion	150,000	-	150,000	-	-	-	-	-	-	-	-
Upgrade Financial Software	422,500	327,859	94,641	-	-	-	-	-	-	-	-
Police Leased Facility Renovation	1,200,000	60,035	1,139,965	-	-	-	-	-	-	-	-
ERP Software Phase 2	70,200	-	70,200	-	-	-	-	-	-	-	-
	1,846,479	387,893	1,458,586	-	-	-	-	-	-	-	-

GENERAL FUND SUMMARY

Funding Summary

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr-CIP
SLAF Grant									
Hirst Farm Pond Conversion	300,000	-	300,000	-	-	-	-	-	-
	300,000	-	300,000	-	-	-	-	-	-
To Be Determined									
Hirst Farm Pond Conversion	496,100	-	-	496,100	-	-	496,100	-	496,100
Villages Drainage	-	-	-	-	-	-	-	307,000	307,000
E Street Sidewalk	-	-	-	-	-	-	-	772,000	772,000
	496,100	-	-	496,100	-	-	496,100	1,079,000	1,575,100
Proffers									
Nursery Avenue Improvements	145,082	-	145,082	-	-	-	-	-	-
Hatcher Avenue Sidewalk Improvements	407,445	-	407,445	-	-	-	-	-	-
	552,527	-	552,527	-	-	-	-	-	-
County Funding									
Nursery Avenue Improvements	214,831	33,381	181,450	-	-	-	-	-	-
A Street Trail from BRMS to Maple	875,000	596,746	278,254	-	-	-	-	-	-
Hirst Farm Pond Conversion	150,000	75,204	74,796	-	-	-	-	-	-
Path from LVHS to Sutton Drive	301,249	161,143	140,106	-	-	-	-	-	-
Street Lighting - N Maple Ave/Loudoun Valley High School	200,000	-	200,000	-	-	-	-	-	-
Berlin Turnpike, Eastgate Dr. PHC circle Intersection	700,000	-	-	-	700,000	-	700,000	-	700,000
SR690 N 21st Street Multi-use Trail Phase 1	1,205,000	-	-	538,000	667,000	-	1,205,000	-	1,205,000
S 20th Street Mid-Block Crosswalk	140,000	-	-	65,000	75,000	-	140,000	-	140,000
S Nursery Avenue Sidewalk Phase 1	635,000	-	-	-	227,000	408,000	635,000	-	635,000
S Nursery Avenue Sidewalk Phase 2	1,160,000	-	-	-	-	695,000	1,160,000	-	1,160,000
S 20th Street Sidewalk-A St to PW Facility	1,780,000	-	-	-	-	430,000	1,780,000	1,237,000	3,017,000
S 32nd Street Sidewalk-J St to Nursery Ave	441,000	-	-	-	-	441,000	441,000	804,000	1,245,000
	7,802,080	866,474	874,606	65,000	613,000	1,533,000	6,061,000	2,041,000	8,102,000
Future Loan									
Permanent Police Facility	-	-	-	-	-	-	-	10,000,000	10,000,000
	-	-	-	-	-	-	-	10,000,000	10,000,000
General Fund Total	25,088,902	4,091,938	7,963,583	916,728	1,557,794	3,552,177	13,033,381	5,473,682	26,153,381

Capital Improvement Program

General Fund

TITLE: 32nd & Main Intersection Improvements

STATUS: Ongoing **PROJECT RANKING:** 1

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: The 32nd and Main Street intersection is a "T" intersection located in the western end of the Town. The intersection is very busy, particularly at the peak hours of weekdays 5:15 to 6:15 PM and Saturday 1:30 PM to 2:30 PM. At these times, it is difficult to turn onto Main Street. This project will further study the intersection and provide recommendations for improvements, the design and construction of the recommended improvements. Based on public input, phase 1 of this project will include the installation of speed signs and the decrease of the speed limit to the west of 32nd Street. Other options being considered for the future are: install left turn on WB route 7, install a traffic signal or a mini roundabout. Revenue Sharing Program funds were approved in the following fiscal years: FY19: \$120,000 (\$60,000 locality match & \$60,000 VDOT match). FY20: \$706,434 (\$353,217 locality match & \$353,217 VDOT match). Additional local funds: \$73,566. Additional RS funding was requested for FY21&FY22, and was approved for funding in 2025. Estimated useful life of assets is 60 years for storm sewers, 10 -20 years for streets and sidewalks.



OPERATING IMPACT: If the traffic signal is installed, the Town will have to outsource the preventative maintenance contract

GOAL ADDRESSED: 2009 Town-wide Transportation Plan

- Provide facilities that function appropriately in serving vehicles, pedestrians, bicycles and transit.
- Ensure transportation safety and security.
- Improve community connectivity.

Anticipated Project Schedule

Design	Construction	Completion
2019	4th Quarter 2022	

Capital Improvement Program

General Fund

TITLE: 32nd & Main Intersection Improvements

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
VDOT	740,867	59,726	475,141	-	-	206,000	-	-
NVTA	1,086,934	59,726	721,208	100,000	-	206,000	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	1,827,800	119,451	1,196,349	100,000	-	412,000	-	-
								512,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	183,300	-	183,300	-	-	-	-	-
Engineering/Design	360,000	119,451	140,549	100,000	-	-	-	-
Construction	1,212,000	-	800,000	-	-	412,000	-	-
Professional Services	72,500	-	72,500	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	1,827,800	119,451	1,196,349	100,000	-	412,000	-	-
								512,000

Operating Impact

Operating/Maintenance/Maintenance/Electricity	Adopted FY22	Proposed				Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27
	-	-	-	-	600	600
						1,200

Capital Improvement Program

General Fund

TITLE: 12th Street Improvements

STATUS: Ongoing

PROJECT RANKING: 2

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: Drainage and street improvements including storm sewer & inlets, curb and gutter, sidewalk and roadway improvements. The Town applied for VDOT revenue sharing grant funding in November 2016 and then again in 2017. Revenue Sharing Program funds were approved in the following FY's: FY19: \$220,000 (\$110,000 locality match and \$110,000 VDOT match). FY20: \$1,780,000 (\$890,000 locality match and \$890,000 VDOT match). This project is linked with water fund project that replaces the existing 4-inch water main on 12th Street. Estimated useful life of assets is 60 years for storm sewers, 10 -20 years for streets and sidewalks.

OPERATING IMPACT: Increased maintenance costs due to new sidewalk where none previously existed, additional curb and gutter, additional storm sewer.

GOAL ADDRESSED: 2009 Town-wide Transportation Plan

- Support community growth and maturation.
- Provide facilities that function appropriately in serving vehicles, pedestrians, bicycles and transit.
- Provide a high-quality transportation experience for all users and modes of transportation.
- Ensure transportation safety and security.
- Improve community connectivity.



Anticipated Project Schedule

Design	Construction	Completion
2019	2nd Quarter 2024	4th Quarter 2025

Capital Improvement Program**General Fund****TITLE:** 12th Street Improvements**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
VDOT	1,205,866	163,668	836,332	-	205,866	-	-	-
NVTA	1,874,526	163,668	836,332	-	242,828	631,698	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	3,080,391	327,335	1,672,664	-	448,694	631,698	-	-
								1,080,392

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	200,000	45,365	154,635	-	-	-	-	-
Engineering/Design	419,999	281,970	138,029	-	-	-	-	-
Construction	2,145,892	-	1,280,000	-	390,194	475,698	-	-
Professional Services	314,500	-	100,000	-	58,500	156,000	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	3,080,391	327,335	1,672,664	-	448,694	631,698	-	-
								1,080,392

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27
Lane Mile Maintenance	-	-	-	-	500	500
						1,000

Capital Improvement Program

General Fund

TITLE: Main & Maple Intersection Imp Phase 2

STATUS: Ongoing **PROJECT RANKING:** 4

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: Phase 2 of the Main Street and Maple Avenue Intersection Improvement project envisions improvements along S. Maple Avenue, including sidewalk, curb & gutter, drainage and entrance improvements, and signalization improvements to add a left turn arrow for NB Maple Avenue traffic.

Estimated life of the storm sewer system is 60 years. Estimated useful life of the street, curb and gutter and sidewalk is 20 years. The new signal equipment life is estimated as 5-10 years.



OPERATING IMPACT: No adverse impact to the operating budget is anticipated. The elimination of ditches will assist with roadway maintenance, and reduce complaints.

GOAL ADDRESSED: 2009 Town-wide Transportation Plan

- Support community growth and maturation.
- Provide facilities that function appropriately in serving vehicles, pedestrians, bicycles and transit.
- Ensure transportation safety and security.
- Improve community connectivity.

Anticipated Project Schedule

Design	Construction	Completion
2018	4th Quarter 2022	4th Quarter 2023

Capital Improvement Program

General Fund

TITLE: Main & Maple Intersection Imp Phase 2

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27	
VDOT	1,034,034	232,788	801,246	-	-	-	-	-	-
NVTA	231,558	-	172,558	59,000	-	-	-	-	59,000
Cash	3,780	-	3,780	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	1,269,372	232,788	977,584	59,000	-	-	-	-	59,000

Planned Uses

Planned Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
Uses			FY22	FY23	FY24	FY25	FY26	FY27	
Land/ROW/Legal	158,000	-	158,000	-	-	-	-	-	-
Engineering/Design	300,372	232,788	67,584	-	-	-	-	-	-
Construction	711,000	-	652,000	59,000	-	-	-	-	59,000
Professional Services	100,000	-	100,000	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-	-
	1,269,372	232,788	977,584	59,000	-	-	-	-	59,000

Operating Impact

Operating Impact		Proposed					Total for
		Adopted FY22	FY23	FY24	FY25	FY26	5-Yr CIP
Operating/Maintenance							
Maintenance		-		500	500	500	2,000

Capital Improvement Program

General Fund

TITLE: Street Lighting - N Maple Ave/LVHS

STATUS: Ongoing

PROJECT RANKING: High Priority

PROJECT MANAGER: Derek Copeland

PROGRAM DESCRIPTION: The sidewalk that is along the east side of N. Maple Avenue in front of Loudoun Valley High School is somewhat dark at night due to the lack of street lighting in this area. Concern has been voiced that the lack of lighting poses a safety risk to students and others that may use the sidewalk, particularly after an evening school event. Installation and maintenance by Dominion Energy proved to be the preferred option. Staff talked with Dominion Energy, and based on the costs provided, determined an estimated \$200,000 would be needed to engineer and install lighting. Timing of design and construction will be dependent upon Dominion Energy scheduling.



OPERATING IMPACT: increased annual costs to Dominion Energy for street lights

GOAL ADDRESSED: 2025 Comprehensive Plan

- People and Neighborhoods - Residents and visitors of Purcellville will experience an enhanced quality of life that is characterized by history, scenic views, a healthy environment and safe streets and neighborhoods.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.

Anticipated Project Schedule

Design	Construction	Completion
4th Quarter 2021	2nd Quarter 2022	4th Quarter 2022

Capital Improvement Program

General Fund

TITLE: Street Lighting - N Maple Ave/LVHS

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
County Funding	200,000	-	200,000	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	200,000	-	200,000	-	-	-	-	-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	-	-	-	-	-	-	-	-
Engineering/Design	-	-	-	-	-	-	-	-
Construction	200,000	-	200,000	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	200,000	-	200,000	-	-	-	-	-

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27
Electricity	-	500	500	500	500	500
						2,500

Capital Improvement Program

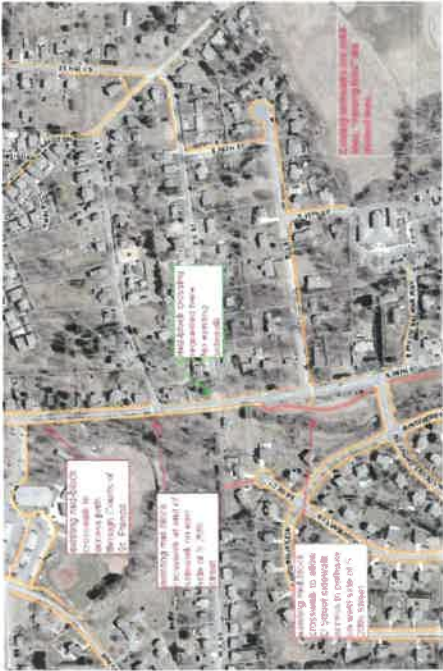
TITLE: S 20th Street Mid-Block Crosswalk

STATUS: Future/Pending Funding **PROJECT RANKING:** High Priority

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: The Town received a request to look into the addition of a mid-block crosswalk to cross S. 20th Street at East E Street, which would provide access for the residents of E. E Street to Fireman's Field as well as other County owned facilities within the Town. This project would add sidewalk along the west side of S. 20th Street between E. E Street and G. Street. The estimated useful life of this asset is 20 years.

This project is dependent upon Loudoun County funding in FY23; requested by the Town in September 2021.



OPERATING IMPACT: Minimal maintenance required as snow removal would be the responsibility of the residents.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will be recognized for its effective inter-modal transportation system and quality bicycle and pedestrian accommodations. Public rights-of-way will be improved to encourage safe and effective access.
- Public Utilities and Transportation - New street, pedestrian and trail connections will enhance community connectivity, preserve special community assets, promote attractive environments and improve transportation safety.

Anticipated Project Schedule

Design	Construction	Completion
3rd Quarter 2022	1st Quarter 2023	3rd Quarter 2023

Capital Improvement Program**General Fund****TITLE:** S 20th Street Mid-Block Crosswalk**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
County Funding	140,000	-	-	65,000	75,000	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	140,000	-	-	65,000	75,000	-	-	-
								140,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	32,500	-	-	32,500	-	-	-	-
Engineering/Design	32,500	-	-	32,500	-	-	-	-
Construction	65,000	-	-	-	65,000	-	-	-
Professional Services	10,000	-	-	-	10,000	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	140,000	-	-	65,000	75,000	-	-	-
								140,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27
Maintenance	-	-	-	100	100	100
						300

Capital Improvement Program

General Fund

TITLE: Police Leased Facility Renovation

STATUS: Ongoing **PROJECT RANKING:** High Priority

PROJECT MANAGER: Chief McAlister, Joshua Goff & Bob Dryden

PROGRAM DESCRIPTION: The Purcellville Police Department has outgrown the 4,300 square feet of rental office space it has temporarily occupied since 2011. The Town's rental expense for this space is approximately \$128,000 annually, with a yearly 5% escalation clause. The landlords have agreed to renew the lease for the next 5 years. The current space lacks sufficient locker room space, training room, interview/interrogation room, roll call room, administrative office space, property and evidence processing and storage, armory, adequate quartermaster, roll call/flex room, exercise facility, and break room area or rest areas. The Department currently consists of 19 sworn officers, with an anticipated increase to 25 within the next three years, and 2.5 civilian staff, and 5 volunteers. The number of civilian staff may need to increase slightly as additional sworn officers are added and more technology is brought in for officers. A formal needs assessment and space planning was completed to accurately forecast the needed space to build for 20-30 years out. An estimate of 11,600 square feet has been suggested. This does not include outside storage area for large pieces of evidence such as car parts, vehicles, and other large items, nor does it include a sally port for vehicle clean out, decontamination, and various storage of traffic control items, bicycles, etc.



OPERATING IMPACT: Increase in annual building maintenance since current facility is being leased.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.
- People and Neighborhoods - Residents and visitors of Purcellville will experience an enhanced quality of life that is characterized by history, scenic views, a healthy environment and safe streets and neighborhoods.

Anticipated Project Schedule

Design	Construction	Completion
FY 20	FY22	FY22

Capital Improvement Program

General Fund

TITLE: Police Leased Facility Renovation

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
Cash	200,000	60,035	139,965	FY23	FY24	FY25	FY26	FY27	
Budget Adjustment	1,000,000	-	1,000,000	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	1,200,000	60,035	1,139,965	-	-	-	-	-	-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27	
Land/ROW/Legal	-	-	-	-	-	-	-	-	-
Engineering/Design	200,000	60,035	139,965	-	-	-	-	-	-
Construction	1,000,000	-	1,000,000	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-	-
	1,200,000	60,035	1,139,965	-	-	-	-	-	-

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed					Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27	
Building Maintenance	-	10,000	10,000	10,000	10,000	10,000	50,000

Capital Improvement Program

General Fund

TITLE: Hirst Farm Pond Conversion

STATUS:Ongoing **PROJECT RANKING:** Medium Priority

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: The development of the Hirst Farm Subdivision started in 2002 and an extended detention dry pond was proposed as the storm water management facility for the entire project. During construction it was used as a sediment basin as specified in the Erosion/Siltation Control plans. Due to difficulties experienced by the developer the project was stopped before completion and the sediment basin was never retrofitted to fully meet the criteria of Loudoun County for an extended detention dry pond.The Town of Purcellville now intends to explore the option of converting the existing facility into a wet pond. A wet pond is a facility that provides a permanent pool of standing water which promotes a better environment for gravitational settling, biological uptake, and microbial activity. The Town has been approved for a SLAF grant from the VA DEQ, in the amount of \$300,000. This is a 50-50 split between the Town and the grant funds. Funding will cover design, bid services and construction. However, funds for reimbursement can be requested only after a contractor has been approved to move forward with the construction. Loudoun County has contributed 25% of the funding required for this project.

OPERATING IMPACT: There is no operating impact to the Town since maintenance of the pond will become HOA responsibility upon completion of the work.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Environment - Purcellville will be known as a community with high environmental standards and one that protects its heritage, special amenities and scenic views.



Anticipated Project Schedule

Design	Construction	Completion
July 2017	2nd Quarter 2024	4th Quarter 2024

Capital Improvement Program

General Fund

TITLE: Hirst Farm Pond Conversion

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
SLAF Grant	300,000	-	300,000	-	-	-	-
Cash	150,000	-	150,000	-	-	-	-
County Funding	150,000	75,204	74,796	-	-	-	-
To Be Determined	496,100	-	-	-	496,100	-	496,100
	1,096,100	75,204	524,796	-	496,100	-	496,100

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
Land/ROW/Legal	-	-	-	-	-	-	-
Engineering/Design	100,000	75,204	24,796	-	-	-	-
Construction	996,100	-	500,000	-	496,100	-	496,100
Professional Services	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-
	1,096,100	75,204	524,796	-	496,100	-	496,100

Operating Impact

Operating Impact	Adopted FY22	Proposed			Total for 5-Yr CIP
Operating/Maintenance	FY23	FY24	FY25	FY26	FY27
	-	-	-	-	-
Maintenance	-	-	-	-	-

Capital Improvement Program

General Fund

TITLE: Berlin Turnpike, Eastgate Dr. PHC circle Intersection

STATUS: Future

PROJECT RANKING: 3

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: Currently, the intersection of Berlin Turnpike, Eastgate Drive and Patrick Henry Circle (see Attachments 1 for maps showing the location of the intersection) operates at a level of service F during weekday commuter peak hours. This level of service was noted in the most recent traffic study for this area, which was prepared as a part of the Purcellville Gateway proposed expansion of Harris Teeter and the child care center. Purcellville Gateway Traffic Impact Study dated October 27, 2017 and revised on March 2, 2018 shows that the Eastgate Drive and Patrick Henry Circle intersection approaches operate at level of service F during the weekday commuter peak hours under existing conditions (2017). The study identifies a traffic signal as a potential improvement to mitigate the high delay and poor level of service. The Town has requested CIP funding from Loudoun County. They have proposed funding this project in FY 2024-2025. This project will only proceed if Loudoun County funding is received.



OPERATING IMPACT: Traffic signal may be Town responsibility to maintain.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will be recognized for its effective inter-modal transportation system and quality bicycle and pedestrian accommodations. Public rights-of-way will be improved to encourage safe and effective
- Public Utilities and Transportation - New street, pedestrian and trail connections will enhance community connectivity, preserve special community assets, promote attractive environments and improve transportation safety.

Anticipated Project Schedule

Design	Construction	Completion
3rd Quarter 2024	2nd Quarter 2026	1st Quarter 2027

Capital Improvement Program**General Fund****TITLE:** Berlin Turnpike, Eastgate Dr. PHC circle Intersection**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
			FY22	FY23	FY24	FY25	FY26	FY27
County Funding	700,000	-	-	-	-	700,000	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	700,000	-	-	-	-	700,000	-	-
								700,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
			FY22	FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	-	-	-	-	-	-	-	-
Engineering/Design	150,000	-	-	-	-	150,000	-	-
Construction	550,000	-	-	-	-	550,000	-	-
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	700,000	-	-	-	-	700,000	-	-
								700,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
Electricity/Maintenance		FY23	FY24	FY25	FY26	FY27
	-	-	-	-	500	500
						1,000

General Fund

[illegible]

Design	Construction	Completion
1st Quarter 2022	2nd Quarter 2026	1st Quarter 2027

Capital Improvement Program

General Fund

TITLE: G Street Sidewalk Improvements

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
VDOT	2,000,000	-	-	FY23	FY24	FY25	FY27
NVTA	824,221	-	-	467,723	-	645,124	887,153
	-	-	-	225,005	-	269,355	329,861
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	2,824,221	-	-	692,728	-	914,479	1,217,014
							2,824,221

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
Land/ROW/Legal	914,479	-	-	FY23	FY24	FY25	FY27
Engineering/Design	692,728	-	-	-	-	-	-
Construction	1,087,014	-	-	692,728	-	-	-
Professional Services	130,000	-	-	-	-	-	1,087,014
Miscellaneous	-	-	-	-	-	-	130,000
	2,824,221	-	-	692,728	-	914,479	1,217,014
							2,824,221

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed			Total for 5-Yr CIP
Sidewalk Maintenance	-	FY23	FY24	FY25	FY27
	-	-	-	-	500
					500

Capital Improvement Program

General Fund

TITLE: S Nursery Avenue Sidewalk Phase 1

STATUS: Future/Pending Funding **PROJECT RANKING:** N/A

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: This project proposes to construct a missing segment of sidewalk from West School Street to Fireman's Field. Presently, the sidewalk ends just south of the little league field on Fireman's Field, and does not begin again until School Street. The existing sidewalk continues to Emerick Elementary School, and would serve pedestrians accessing the Loudoun Valley Community Center at School Street. Phase 1 completes the missing segment; Phase 2 proposes to upgrade the existing sidewalk from School Street to Emerick Elementary School to meet ADA requirements. The Town requested funding for both phases from Loudoun County in September 2021. Useful life is 10-20 years. Loudoun County Funding is necessary for this project to proceed.



OPERATING IMPACT: Minimal operating expense until end of useful life.

GOAL ADDRESSED: 2009 Town-wide Transportation Plan

- Support community growth and maturation.
- Provide facilities that function appropriately in serving vehicles, pedestrians, bicycles and transit.
- Ensure transportation safety and security.
- Improve community connectivity.

Anticipated Project Schedule

Design	Construction	Completion
3rd Quarter 2024	1st Quarter 2026	4th Quarter 2026

Capital Improvement Program**General Fund**

TITLE: S Nursery Avenue Sidewalk Phase 1

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
County Funding	635,000	-	-	-	-	227,000	408,000	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	635,000	-	-	-	-	227,000	408,000	-
								635,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	106,000	-	-	-	-	106,000	-	-
Engineering/Design	121,000	-	-	-	-	121,000	-	-
Construction	408,000	-	-	-	-	-	408,000	-
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	635,000	-	-	-	-	227,000	408,000	-
								635,000

Operating Impact

Operating/Maintenance	Adopted FY22	FY23	FY24	Proposed		FY26	FY27	Total for 5-Yr CIP
Maintenance	-	-	-	-	-	600	600	1,200

Capital Improvement Program

General Fund

TITLE: S Nursery Avenue Sidewalk Phase 2

STATUS: Future/Pending Funding **PROJECT RANKING:** N/A

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: This project proposes to construct a missing segment of sidewalk from West School Street to Fireman's Field. Presently, the sidewalk ends just south of the little league field on Fireman's Field, and does not begin again until School Street. The existing sidewalk continues to Emerick Elementary School, and would serve pedestrians accessing the Loudoun Valley Community Center at School Street. Phase 1 completes the missing segment; Phase 2 proposes to upgrade the existing sidewalk from School Street to Emerick Elementary School to meet ADA requirements. The Town requested funding for both phases from Loudoun County in September 2021. Loudoun County Funding is necessary for this project to proceed.

OPERATING IMPACT: Minimal operating expense until end of useful life.

GOAL ADDRESSED: 2009 Town-wide Transportation Plan

- Support community growth and maturation.
- Provide facilities that function appropriately in serving vehicles, pedestrians, bicycles and transit.
- Ensure transportation safety and security.
- Improve community connectivity.



Anticipated Project Schedule

Design	Construction	Completion
3rd Quarter 2025	2nd Quarter 2027	4th Quarter 2027

Capital Improvement Program**General Fund****TITLE:** S Nursery Avenue Sidewalk Phase 2**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
County Funding	1,160,000	-	-	-	-	-	695,000	465,000
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	1,160,000	-	-	-	-	-	695,000	465,000
								1,160,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	496,000	-	-	-	-	-	496,000	-
Engineering/Design	199,000	-	-	-	-	-	199,000	-
Construction	465,000	-	-	-	-	-	-	465,000
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	1,160,000	-	-	-	-	-	695,000	465,000
								1,160,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27
Maintenance	-	-	-	-	-	-
						-

Capital Improvement Program

Governmental Funds

TITLE: SR690 N 21st Street Multi-use Trail Phase 1

STATUS: Future/Pending Funding **PROJECT RANKING:** Medium I

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: With an overall vision of a contiguous, multi-use path around the Town of Purcellville that will give pedestrians, cyclists, and those using other non-motorized vehicles a safe corridor to travel through Town without a vehicle, we propose to construct a missing link of pathway along SR690/N 21st Street between Hirst Road and the Suzanne Kane Nature Preserve. This portion of multi-use trail is Phase 1, with Phase 2 intended to continue to the W&OD Trail. (see Exhibits 1 & 2 for maps showing the location of the proposed project).

As noted, this path will connect to the W&OD Regional Trail, allowing those who use that trail to easily and safely access businesses and attractions in Town. The proposed project helps achieve this goal and makes the following connections from Hirst Road:

- Suzanne Kane Nature Preserve & Trail
- W&OD Trail
- To the neighborhoods of Old Dominion Valley, Catoctin Meadows, Branbury Glen, Purcellville Green, Mayfair Residential Subdivision
- SR690 Interchange on the Route 7 bypass
- Purcellville Train Station
- Historic downtown Purcellville
- Park and Ride proposed at Fields Farm Park
- Hirst Road Multi-use Trail (a current Town capital project)



OPERATING IMPACT: Maintenance costs would be associated with mowing, snow removal during the estimated 20 year useful life.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will be recognized for its effective inter-modal transportation system and quality bicycle and pedestrian accommodations. Public rights-of-way will be improved to encourage safe and effective
- Public Utilities and Transportation - New street, pedestrian and trail connections will enhance community connectivity, preserve special community assets, promote attractive environments and improve transportation safety.

Anticipated Project Schedule

Design	Construction	Completion
3rd Quarter 2023	4th Quarter 2026	4th Quarter 2027

Capital Improvement Program

General Fund

TITLE: SR690 N 21st Street Multi-use Trail Phase 1

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
			FY22	FY23	FY24	FY25	FY26	FY27	
VDOT	750,000	-	-	-	-	-	-	750,000	750,000
NVTA	5,668	-	-	-	-	-	-	5,668	5,668
County Funding	1,205,000	-	-	-	538,000	667,000	-	-	1,205,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	1,960,668	-	-	-	538,000	667,000	-	755,668	1,960,668

Planned Uses

Planned Uses									
Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27		
Land/ROW/Legal	74,000	-	-	74,000	-	-	-	74,000	
Engineering/Design	464,000	-	-	464,000	-	-	-	464,000	
Construction	501,000	-	-	-	501,000	-	-	501,000	
Professional Services	166,000	-	-	-	166,000	-	-	166,000	
Miscellaneous	-	-	-	-	-	-	-	-	
	1,205,000	-	-	538,000	667,000	-	-	1,205,000	

Operating Impact

Operating/Maintenance		Adopted FY22	Proposed			Total for 5-Yr CIP
Type of expenditure			FY23	FY24	FY25	FY26 FY27
		-	-	-	-	-

Capital Improvement Program

General Fund

TITLE: S 20th Street Sidewalk-A St to PW Facility

STATUS: Future/Pending Funding **PROJECT RANKING:** Medium Priority

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: One of the Town's overall strategic goals is to make Purcellville a walkable/bikeable community, connecting sidewalks, paths and trails. This project proposes to construct a sidewalk or trail, approximately 2,800 LF, along S. 20th Street to provide residents a safe footpath for residents to walk to Mary's House of Hope, Makerspace, and other points (existing or future) south of A Street. This project is dependent on the receipt of Loudoun County CIP funding. The estimated useful life of this asset is 20 years.



OPERATING IMPACT: Maintenance requirements will include snow removal, other maintenance that would be minimal until the end of the

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will be recognized for its effective inter-modal transportation system and quality bicycle and pedestrian accommodations. Public rights-of-way will be improved to encourage safe and effective access.
- Public Utilities and Transportation - New street, pedestrian and trail connections will enhance community connectivity, preserve special community assets, promote attractive environments and improve transportation safety.

Anticipated Project Schedule

Design	Construction	Completion

Capital Improvement Program

General Fund

TITLE: S 20th Street Sidewalk-A St to PW Facility

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
County Funding	1,780,000	-	-	FY23	FY24	FY25	FY26	FY27
	-	-	-	-	-	-	430,000	1,350,000
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	1,780,000	-	-	-	-	-	430,000	1,350,000
								1,780,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
Land/ROW/Legal	33,942	-	-	FY23	FY24	FY25	FY26	FY27
Engineering/Design	371,781	-	-	-	-	-	33,942	-
Construction	1,100,000	-	-	-	-	-	371,781	-
Professional Services	274,277	-	-	-	-	-	20,000	1,080,000
Miscellaneous	-	-	-	-	-	-	4,277	270,000
	1,780,000	-	-	-	-	-	-	-
							430,000	1,350,000
								1,780,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
Maintenance	-	FY23	FY24	FY25	FY26	FY27
	-	-	-	-	-	-
						-

Capital Improvement Program

TITLE: S 32nd Street Sidewalk-J St to Nursery Ave

STATUS: Future/Pending Funding **PROJECT RANKING:** Medium Priority

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: This project proposes to construct a missing section of sidewalk, approximately 1,200 feet in length and along the east side of S. 32nd Street from J Street to S. Nursery Avenue, that will connect to existing sidewalks on S. 32nd Street, S. Nursery Avenue and the Blue Ridge Estates subdivision (new pathway from approximately J Street to the northern edge of the subdivision). This section of sidewalk would provide a safe footpath for residents to walk to Emerick Elementary School and Loudoun Valley Community Center on School Street. This project meets the second criteria: Local pedestrian- or transportation-related improvements that benefit the County, since it provides a pathway from multiple sectors of the Town to both the Community Center and Emerick Elementary School. It will improve connectivity through Town – a priority in both the Comprehensive Plan and the Townwide Transportation Plan. The estimated useful life of this asset is 20 years. This project is dependent upon the award of funding from both VDOT and Loudoun County.

OPERATING IMPACT: Minor annual maintenance until the end of its useful life.

GOAL ADDRESSED: 2025 Comprehensive Plan

Public Utilities and Transportation - Purcellville will be recognized for its effective inter-modal transportation system and quality bicycle and pedestrian accommodations. Public rights-of-way will be improved to encourage safe and effective access.

People and Neighborhoods - Residents and visitors of Purcellville will experience an enhanced quality of life that is characterized by history, scenic views, a healthy environment and safe streets and neighborhoods.



Anticipated Project Schedule

Design	Construction	Completion
4th Quarter 2026	1st Quarter 2028	2nd Quarter 2029

Capital Improvement Program**General Fund****TITLE:** S 32nd Street Sidewalk-J St to Nursery Ave**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
				FY23	FY24	FY25	
VDOT	1,245,000	-	-	-	-	-	1,245,000
County Funding	441,000	-	-	-	-	-	441,000
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	1,686,000	-	-	-	-	-	1,686,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
				FY23	FY24	FY25	
Land/ROW/Legal	399,530	-	-	-	-	-	399,530
Engineering/Design	483,746	-	-	-	-	-	483,746
Construction	722,724	-	-	-	-	-	722,724
Professional Services	80,000	-	-	-	-	-	80,000
Miscellaneous	-	-	-	-	-	-	-
	1,686,000	-	-	-	-	-	1,686,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed			Total for 5-Yr CIP
		FY23	FY24	FY25	
Maintenance	-	-	-	-	-

PARKS AND REC FUND SUMMARY

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
Cash	252,184	5,875	69,125	FY23	FY24	FY25	FY26	FY27	
County Funding	580,000	-	300,000	77,184	100,000	-	-	-	822,623
Grant	328,734	-	100,000	280,000	-	-	-	-	280,000
Sponsorships/Donations	50,000	-	-	228,734	-	-	-	-	228,734
Total Parks & Rec Fund	1,210,918	5,875	469,125	585,918	150,000	-	50,000	-	50,000
									1,381,357

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
Priority Projects				FY23	FY24	FY25	FY26	FY27	
Bush Tabernacle Floor Replacement	300,000	-	300,000	-	-	-	-	-	-
Outdoor Stage-Dillon's Woods	220,000	5,875	44,125	20,000	150,000	-	-	-	170,000
Sue Kane Nature Park Multi-use Trail	410,918	-	125,000	285,918	-	-	-	-	285,918
Fireman's Field Warning Track	280,000	-	-	280,000	-	-	-	-	280,000
	1,210,918	5,875	469,125	585,918	150,000	-	-	-	735,918
Priority Future Projects									
Purecellville Bike Park	-	-	-	-	-	-	-	-	645,439
									645,439
Total Parks & Rec Fund	1,210,918	5,875	469,125	585,918	150,000	-	-	-	1,381,357

PARKS & REC FUND SUMMARY

Funding Summary

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	FY23	FY24	FY25	FY26	FY27	Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr-CIP
Cash											
Sue Kane Nature Park Multi-use Trail	82,184	-	25,000	57,184	-	-	-	-	57,184	-	57,184
Outdoor Stage-Dillon's Woods	170,000	5,875	44,125	20,000	100,000	-	-	-	120,000	-	120,000
Purcellville Bike Park	-	-	-	-	-	-	-	-	-	645,439	645,439
	252,184	5,875	69,125	77,184	100,000	-	-	-	177,184	645,439	822,623
County Funding											
Bush Tabernacle Floor & Bathrooms	300,000	-	300,000	-	-	-	-	-	-	-	-
Fireman's Field Warning Track	280,000	-	-	280,000	-	-	-	-	280,000	-	280,000
	580,000	-	300,000	280,000	-	-	-	-	280,000	-	280,000
Grant											
Sue Kane Nature Park Multi-use Trail	328,734	-	100,000	228,734	-	-	-	-	228,734	-	228,734
	328,734	-	100,000	228,734	-	-	-	-	228,734	-	228,734
Sponsorships/Donations											
Outdoor Stage-Dillon's Woods	50,000	-	-	-	50,000	-	-	-	50,000	-	50,000
	50,000	-	-	-	50,000	-	-	-	50,000	-	50,000
Parks and Rec Fund Total	1,210,918	5,875	469,125	585,918	150,000	-	-	-	735,918	645,439	1,381,357

Capital Improvement Program

Parks and Rec Fund

TITLE: Bush Tabernacle Floor Replacement and Press Box Restrooms

STATUS:Future

PROJECT RANKING: High Priority

PROJECT MANAGER: Bob Dryden

PROGRAM DESCRIPTION: This project is to make upgrades to the Bush Tabernacle and Fireman's Field. The Town has had a property assessment conducted for Fireman's Field and the Bush Tabernacle, the results of which provided a prioritized list of necessary upgrades. The County's FY 2020 approved CIP included funding for improvements to the floor and the restrooms at the baseball press box. This funding was made available to the Town in FY 21.



OPERATING IMPACT: The proposed updates will only have a minimal impact on the annual maintenance costs.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Quality of Life-Enhance the quality of life for residents and community appeal through integrated park, recreational and environmental conservation efforts to meet the Town's and the region's physical, social, educational, cultural, and aesthetic needs.
- Community Facilities and Services--Provide for a coordinated system of community facilities and services that will maintain and enhance the quality of life in Purcellville. Ensure that adequate community facilities and activities for all ages are available to serve residents of Purcellville. Encourage the efficient use of public schools, libraries, and public buildings in providing desired community educational and recreational programs.
- Historic Preservation--Preserve and protect the historic character and integrity of Purcellville. Promote community awareness of the Town's historic resources. Provide public support and advocacy for preserving the historic downtown and contributing residential neighborhoods.

Anticipated Project Schedule

Design	Construction	Completion
2022	2023	2024

Capital Improvement Program

Parks and Rec Fund

TITLE: Bush Tabernacle Floor Replacement and Press Box Restrooms

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27		
County Funding	300,000	-	300,000	-	-	-	-	-	
	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	
	300,000	-	300,000	-	-	-	-	-	

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27	
Land/ROW/Legal	-	-	-	-	-	-	-	-	-
Engineering/Design	-	-	-	-	-	-	-	-	-
Construction	300,000	-	300,000	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-	-
	300,000	-	300,000	-	-	-	-	-	-

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed					Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27	
Maintenance	-	500	500	500	500	500	2,500

Capital Improvement Program

Parks and Rec Fund

TITLE: Outdoor Stage-Dillon's Woods

STATUS: Ongoing

PROJECT RANKING: High Priority

PROJECT MANAGER: Dale Lehnig and Amie Ware

PROGRAM DESCRIPTION: This project is to build an outdoor stage in Dillon's Woods to eliminate the need to rent a stage for the Purcellville Music and Arts Festival every year at a cost of \$2,800, and to dramatically increase the potential uses of this beautiful area. An outdoor stage will make it possible for the Town to host concerts and make the area available to others to hold concerts, performances, and plays. Dillon's Woods is underutilized now; an outdoor stage will open many possibilities for the Town to offer music and the arts to Town residents as well as to tourists. The main challenge is funding.



OPERATING IMPACT: The annual cost to rent a stage for the Music & Arts Festival will be saved.

GOAL ADDRESSED: 2025 Comprehensive Plan

- An outdoor stage at Dillon's Woods falls within the Economic section of General Development in the Comprehensive Plan, as keeping residents in town and bring tourists to visit for concerts and performances will increase traffic to local businesses.
- An outdoor stage at Dillon's Woods falls within the Historic, Cultural and Environmental Resources section of General Development in the Comprehensive Plan. Having a permanent stage provides local talent with many more opportunities to perform and Town residents more opportunities to be exposed to the arts as well as to spend time in the historic Dillon's Woods which is protected through an easement.

Anticipated Project Schedule

Design	Construction	Completion
2022	2023	2024

Capital Improvement Program

Parks and Rec Fund

TITLE: Outdoor Stage-Dillon's Woods

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27
Cash	170,000	5,875	44,125	20,000	100,000	-	-
	-	-	-	-	-	-	-
Sponsorships/Donation	50,000	-	-	50,000	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	220,000	5,875	44,125	20,000	150,000	-	-
							170,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	-	-	-	-	-	-	-
Engineering/Design	30,000	5,875	4,125	-	-	-	-
Construction	185,000	-	35,000	150,000	-	-	-
Professional Services	5,000	-	5,000	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-
	220,000	5,875	44,125	20,000	150,000	-	-
							170,000

Operating Impact

Operating/Maintenance		Adopted FY22			Proposed			Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27	
Maintenance		-	-	-	1,000	1,000	1,000	3,000

Capital Improvement Program

Parks and Rec Fund

TITLE: Sue Kane Nature Park Multi-use Trail

STATUS: Ongoing **PROJECT RANKING:** 6

PROJECT MANAGER: Amie Ware and Jessica Keller

PROGRAM DESCRIPTION: The project goal is to establish a multi-use path through the Town-owned Suzanne R. Kane Nature Preserve in Purcellville that will connect to current and planned trails and sidewalks for use by those who live and visit the Town of Purcellville. The Town anticipates that this path will increase use of the nature preserve for recreation, fitness, and environmental education; provide those using the W&OD Regional Trail with a loop through the Town to enjoy a scenic route along the South Fork Catoctin Creek; and create connections to schools, neighborhoods, other trails, and to the historic district. It will improve walkability of the Town, be ADA accessible, and provide new environmental stewardship opportunities for residents, students, and scouts. To help fund the project, The Town submitted a proposal to the Virginia Recreational Trails program in 2021, and was one of 9 selected for funding.

OPERATING IMPACT: Annual maintenance of path and wetland protection measures.

GOAL ADDRESSED: 2025 Comprehensive Plan

- This project aligns with the Parks, Recreation, and Open Space section of the 2025 Comprehensive Plan by providing a local park for residents and providing a safe connection for pedestrians and cyclists. The plan recognizes that the Sue Kane Nature Preserve is the largest passive recreational opportunity within the Town, but is undeveloped. This project would minimally develop the area to provide public access through the construction of the new trail.
- This project aligns with Public Infrastructure: Utilities and Transportation section of the 2025 Comprehensive Plan to make Purcellville a Pedestrian and Bicycle Friendly Town.



Anticipated Project Schedule

Design	Construction	Completion
2021	2023	2024

Capital Improvement Program

Parks and Rec Fund

TITLE: Sue Kane Nature Park Multi-use Trail

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27	
Cash	82,184	-	25,000	57,184	-	-	-	-	57,184
Grant	328,734	-	100,000	228,734	-	-	-	-	228,734
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	410,918	-	125,000	285,918	-	-	-	-	285,918

Planned Uses

Planned Costs		Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
Uses				FY22	FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	-	-	-	-	-	-	-	-	-
Engineering/Design	131,714	-	-	125,000	6,714	-	-	-	-
Construction	279,204	-	-	-	279,204	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-	-
	410,918	-	-	125,000	285,918	-	-	-	-
									285,918

Operating Impact

Operating Impact		Proposed					Total for
	Adopted FY22	FY23	FY24	FY25	FY26	FY27	5-Yr CIP
Operating/Maintenance							
Maintenance	-	-	1,000	1,000	1,000	1,000	4,000

Capital Improvement Program

Governmental Funds

TITLE: Fireman's Field Warning Track

STATUS: Future/Pending Funding **PROJECT RANKING:** N/A

PROJECT MANAGER: Dale Lehnig & Jessica Mehl

PROGRAM DESCRIPTION: This proposal is to replace the existing asphalt warning track in its entirety and the outfield fence at Fireman's Field Baseball Park. During the significant upgrades to the park in 1996, prior to the first Babe Ruth World Series, the old asphalt warning track surface received a thin overlay with a composite material comprised of recycled tires and a binder. Forward now 25 years and the condition of the current warning track is very poor. Numerous areas are worn, torn, or broken in such a manner that causes a significant trip hazard for players. In addition, the existing material used does not allow for the necessary drainage of surface water when it rains. This results in regular flooding of portions of the field, particularly near home plate. This project will improve the drainage for the field to enable games to be played when normally they would be cancelled.

The existing outfield fence has been damaged over the years by fallen tree limbs and wind. Currently, portions of the fence are being propped up by temporary supports to maintain its integrity to allow for ball games to be played.

The useful life of this project is expected to be 15-20 years. This project is dependent upon the receipt of funding from Loudoun County.

OPERATING IMPACT: This project will decrease maintenance efforts at the baseball field.

GOAL ADDRESSED: 2025 Comprehensive Plan

- People and Neighborhoods - residents and visitors of Purcellville will experience and enhanced quality of life that is characterized by excellent education opportunities, outstanding recreational amenities, diverse and affordable housing, and quality social activities and support systems.



Anticipated Project Schedule

Design	Construction	Completion
4th Quarter 2022	1st Quarter 2023	3rd Quarter 2023

Parks and Rec Fund

100

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27	
County Funding	280,000	-	-	280,000	-	-	-	-	280,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	280,000	-	-	280,000	-	-	-	-	280,000

Planned Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
Uses			FY22	FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	-	-	-	-	-	-	-	-
Engineering/Design	-	-	-	-	-	-	-	-
Construction	280,000	-	-	280,000	-	-	-	280,000
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	280,000	-	-	280,000	-	-	-	280,000

1000

Operating Impact	Adopted FY22	Proposed			Total for 5-Yr CIP
		FY23	FY24	FY25	
Operating/Maintenance					
Maintenance	-	-	100	100	100
					400

WATER FUND SUMMARY

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Carryover FY21	Original Budget FY21	Adopted FY22	Proposed				Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
Cash	2,263,742	1,396,890	634,855	-	634,855	100,000	131,997	-	-	231,997	-	231,997
Future Loan	4,249,200	-	-	1,925,000	-	365,000	959,200	1,000,000	-	2,324,200	13,889,600	16,213,800
ARPA	6,296,000	-	-	400,000	816,000	5,480,000	-	-	-	5,480,000	-	5,480,000
VDOT/NVTA	255,075	31,997	-	-	-	127,538	95,540	-	-	223,078	-	223,078
Other	263,004	263,004	-	-	-	-	-	-	-	-	-	-
Total Water Fund	13,327,021	1,691,891	634,855	2,325,000	3,375,855	6,072,538	1,186,737	1,000,000	-	8,259,275	13,889,600	22,148,875

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Carryover FY21	Original Budget FY22	Adopted FY22	Proposed				Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
Priority Projects												
Hirst Reservoir Improvements	1,990,000	53,950	126,050	1,445,000	1,571,050	365,000	-	-	-	365,000	-	365,000
New Finished Water Storage Tank	3,746,000	-	-	-	416,000	3,330,000	-	-	-	3,330,000	-	3,330,000
WTP to Town Water Main Replacement Ph 1	2,000,000	-	-	400,000	400,000	1,600,000	-	-	-	1,600,000	-	1,600,000
Reservoir to WTP Raw Water Main	2,240,000	-	-	480,000	480,000	-	760,000	1,000,000	-	1,760,000	-	1,760,000
12th Street Water Main Replacement	519,137	63,995	67	-	67	227,538	227,537	-	-	455,075	-	455,075
Consolidated Ground Water Treatment Plant PH 1	600,000	-	50,000	-	50,000	550,000	-	-	-	550,000	-	550,000
F Street Water Main Replacement	365,200	26,268	139,732	-	139,732	-	199,200	-	-	199,200	-	199,200
Hall Ave/O St Water Main Replacement	294,400	25,970	268,430	-	268,430	-	-	-	-	-	-	-
	11,754,736	170,182	584,279	2,325,000	3,325,279	6,072,538	1,186,737	1,000,000	-	8,259,275	-	8,259,275
Completed Projects												
Nature Park Wells & PLC Upgrades	682,733	682,733	-	-	-	-	-	-	-	-	-	-
Tank Painting	753,504	753,504	-	-	-	-	-	-	-	-	-	-
S Nursery Ave Water Main Replacement	136,048	85,472	50,576	-	50,576	-	-	-	-	-	-	-
	1,572,284	1,521,708	50,576	-	50,576	-	-	-	-	-	-	-
Priority Future Projects												
Cooper Springs Raw Water Main	-	-	-	-	-	-	-	-	-	-	1,120,000	1,120,000
Consolidated Ground Water Treatment Plant PH 2	-	-	-	-	-	-	-	-	-	-	1,300,000	1,300,000
Holly Lane Water Main Replacement	-	-	-	-	-	-	-	-	-	-	300,000	300,000
Additional Water Supply	-	-	-	-	-	-	-	-	-	-	1,950,000	1,950,000
	-	-	-	-	-	-	-	-	-	-	4,670,000	4,670,000

WATER FUND SUMMARY

Uses	FY32 and Beyond										Total for 10-Yr CIP
Long-Term Future Projects											
Consolidated Ground Water Treatment Plant PH 3	-	-	-	-	-	-	-	-	-	-	650,000
"A" Street Water Line Loop	-	-	-	-	-	-	-	-	-	-	126,000
Water Treatment Plant Improvements	-	-	-	-	-	-	-	-	-	-	4,600,000
LVSC Water Main Replacement	-	-	-	-	-	-	-	-	-	-	232,100
WTP to Town Water Main Replacement PH 2	-	-	-	-	-	-	-	-	-	-	2,300,000
Springsbury Street Water Main Replacement	-	-	-	-	-	-	-	-	-	-	162,600
E Street Water Main Replacement	-	-	-	-	-	-	-	-	-	-	337,000
Rugby Court Water Main Replacement	-	-	-	-	-	-	-	-	-	-	111,900
G Street Water Main Replacement	-	-	-	-	-	-	-	-	-	-	700,000
	-	-	-	-	-	-	-	-	-	-	9,219,600
Total Water Fund	13,327,021	1,691,891	634,855	2,325,000	3,375,855	6,072,538	1,186,737	1,000,000	-	8,259,275	22,148,875

WATER FUND SUMMARY

Funding Summary

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr-CIP
Cash									
Hirst Reservoir Improvements	180,000	53,950	126,050	-	-	-	-	-	-
Tank Painting	490,500	490,500	-	-	-	-	-	-	-
Nature Park Wells & PLC Upgrades	682,733	682,733	-	-	-	-	-	-	-
S Nursery Ave Water Main Replacement	136,048	85,472	50,576	-	-	-	-	-	-
Consolidated Ground Water Treatment Plant Ph 1	50,000	-	50,000	-	-	-	-	-	-
F Street Water Main Replacement	166,000	26,268	139,732	-	-	-	-	-	-
Hall Ave/O St Water Main Replacement	294,400	25,970	268,430	-	-	-	-	-	-
12th Street Water Main Replacement	264,062	31,998	67	100,000	131,997	-	231,997	-	231,997
	2,263,742	1,396,890	634,855	100,000	131,997	-	231,997	-	231,997
Future Loan									
Hirst Reservoir Improvements	1,810,000	-	1,445,000	365,000	-	-	365,000	-	365,000
Reservoir to WTP Raw Water Main	2,240,000	-	480,000	-	1,000,000	-	1,760,000	-	1,760,000
F Street Water Main Replacement	199,200	-	-	199,200	-	-	199,200	-	199,200
Cooper Springs Raw Water Main	-	-	-	-	-	-	-	1,120,000	1,120,000
Holly Lane Water Main Replacement	-	-	-	-	-	-	-	300,000	300,000
Additional Water Supply	-	-	-	-	-	-	-	1,950,000	1,950,000
Consolidated Ground Water Treatment Plant PH 2	-	-	-	-	-	-	-	1,300,000	1,300,000
Consolidated Ground Water Treatment Plant PH 3	-	-	-	-	-	-	-	650,000	650,000
"A" Street Water Line Loop	-	-	-	-	-	-	-	126,000	126,000
Water Treatment Plant Improvements	-	-	-	-	-	-	-	4,600,000	4,600,000
LVSC Water Main Replacement	-	-	-	-	-	-	-	232,100	232,100
WTP to Town Water Main Replacement Ph 2	-	-	-	-	-	-	-	2,300,000	2,300,000
Springsbury Street Water Main Replacement	-	-	-	-	-	-	-	162,600	162,600
E Street Water Main Replacement	-	-	-	-	-	-	-	337,000	337,000
Rugby Court Water Main Replacement	-	-	-	-	-	-	-	111,900	111,900
G Street Water Main Replacement	-	-	-	-	-	-	-	700,000	700,000
	4,249,200	-	1,925,000	365,000	959,200	1,000,000	2,324,200	13,889,600	16,213,800
ARPA									
New Finished Water Storage Tank	3,746,000	-	416,000	3,330,000	-	-	3,330,000	-	3,330,000
WTP to Town Water Main Replacement Ph 1	2,000,000	-	400,000	1,600,000	-	-	1,600,000	-	1,600,000
Consolidated Ground Water Treatment Plant PH 1	550,000	-	-	550,000	-	-	550,000	-	550,000
	6,296,000	-	816,000	5,480,000	-	-	5,480,000	-	5,480,000
Other									
Tank Painting	263,004	263,004	-	-	-	-	-	-	-
	263,004	263,004	-	-	-	-	-	-	-
VDOT									
12th Street Water Main Replacement	255,075	31,997	-	127,538	95,540	-	223,078	-	223,078
	255,075	31,997	-	127,538	95,540	-	223,078	-	223,078
Water Fund Total	13,327,021	1,691,891	3,375,855	6,072,538	1,186,737	1,000,000	8,259,275	13,889,600	22,148,875

Capital Improvement Program

TITLE: Hirst Reservoir Improvements

STATUS: Ongoing **PROJECT RANKING:** 1

PROJECT MANAGER: Dale Lehnig & Andrea Broshkevitch

PROGRAM DESCRIPTION: The Hirst Reservoir was constructed with a multi-level intake structure to allow operators to withdraw water from different levels in the reservoir. This ability gave operators the flexibility to withdraw water with the best quality (least affected by algae or turbidity). Several years ago, the dock leading to the intake structure and the top of the structure became structurally unstable, collapsed and the dock and the top portion of the pipe fell to the bottom of the reservoir. Currently, a simple mesh screen is installed at the top of the intake pipe. Water is always withdrawn from the top portion of the intake; several of the gates and valves in the structure are considered inoperable. Additionally, the sluice gate that would allow operators to remove sediment from the bottom of the reservoir has not been operated for many years and is considered inoperable. This has allowed sediment laden with algae to build up in the reservoir, which further affects the water quality. This project involves the design and installation of a new intake structure and sluice gate to replace the broken and inoperable structures to allow operators to properly manage the reservoir and maximize water quality. It will add storage capacity to the system, but will not increase the yield (GPD) capacity. Asset useful life 25-50 years.

OPERATING IMPACT: No increase in operating costs. Would allow operators the flexibility to withdraw water at various levels to maximize water quality, which could decrease costs for chemicals needed to control taste and odor issues.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.



Anticipated Project Schedule

Design	Construction	Completion
1st Quarter 2021	2nd Quarter 2022	2nd Quarter 2023

Capital Improvement Program**Water Fund****TITLE:** Hirst Reservoir Improvements**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27	
Cash	180,000	53,950	126,050	-	-	-	-	-
New Loan	-	-	-	-	-	-	-	-
Future Loan	1,810,000	-	1,445,000	-	-	-	-	365,000
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	1,990,000	53,950	1,571,050	-	-	-	-	365,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27	
Land/ROW/Legal	-	-	-	-	-	-	-	-
Engineering/Design	280,000	53,950	226,050	-	-	-	-	-
Construction	810,000	-	645,000	-	-	-	-	165,000
Professional Services	-	-	-	-	-	-	-	-
Dredging	900,000	-	700,000	-	-	-	-	200,000
	1,990,000	53,950	1,571,050	-	-	-	-	365,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
	FY23	FY24	FY25	FY26	FY27	
Maintenance	-	500	500	500	500	2,500

Capital Improvement Program

TITLE: New Finished Water Storage Tank **PROJECT RANKING:** High Priority

STATUS: Future

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: A new finished water storage tank was identified as a high priority in the 2021 Water Resources Update. The new elevated water storage is considered a critical project in order to increase the Town's effective storage, which is currently less than recommended by the Virginia Department of Health. The amount of additional storage recommended is \$500,000 gallons. The additional storage will provide drought resiliency, increase the reliability of the water system, provide additional storage for fire flow, and allow for greater flexibility for regular maintenance of the existing water storage tanks. It will further minimize the chances of contamination due to a decrease in water system pressure caused by high usages, drought conditions or water main breaks. A site south of Woodgrove High School has been identified for the location of the new water storage tank. The property is currently owned by Loudoun County, but is expected to be transferred to Town ownership. ARPA funding is anticipated, which must be obligated by October 2024 (FY25)



OPERATING IMPACT: Increased maintenance for the site as well as the tank and appurtenances.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.

Anticipated Project Schedule

Design	Construction	Completion
1st Quarter 2022	4th Quarter 2023	4th Quarter 2024

Water Fund

[illegible]

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	22,000	-	22,000	-	-	-	-	-
Engineering/Design	394,000	-	394,000	-	-	-	-	-
Construction	3,330,000	-	-	3,330,000	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	3,746,000	-	416,000	3,330,000	-	-	-	3,330,000

10

Operating and Maintenance	Adopted FY22	FY23	FY24	Proposed FY25	FY26	FY27	Total for 5-Yr CIP
Operating/Maintenance							
Maintenance	-	-	-	-	-	-	-

Capital Improvement Program

TITLE: WTP to Town Water Main Replacement Ph 1

STATUS: Future **PROJECT RANKING:** 1

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: This project proposes to replace over 5,000 LF of existing cast iron water main that was installed in the 1960's. The existing main is 12"; this project envisions the installation of a larger diameter main to accommodate increased flows to the Town with the construction of the Jeffries well treatment facility. The existing main currently carries about half of the Town's water supply into the Town. A break in this main would diminish the supply to the Town in half. There is an existing 25 ft easement which, with the removal of the original 6-inch main that served the Town, should be sufficient easement - legal and easement/ROW costs should be limited. Estimated useful life of the new pipe is 60 years or more.

OPERATING IMPACT: Decreased maintenance due to new watermain.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.



Anticipated Project Schedule

Design	Construction	Completion
1st Quarter 2022	2nd Quarter 2023	2nd Quarter 2024

Capital Improvement Program

Water Fund

TITLE: WTP to Town Water Main Replacement Ph 1

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
Cash	-	-	-	-	-	-	-
USDA Loan	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-
ARPA Funding	2,000,000	-	400,000	-	-	-	1,600,000
	2,000,000	-	400,000	-	-	-	1,600,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
Land/ROW/Legal	100,000	-	100,000	-	-	-	-
Engineering/Design	500,000	-	300,000	-	-	-	200,000
Construction	1,200,000	-	-	-	-	-	1,200,000
Professional Services	200,000	-	-	-	-	-	200,000
Miscellaneous	-	-	-	-	-	-	-
	2,000,000	-	400,000	-	-	-	1,600,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed			Total for 5-Yr CIP
Maintenance	-	-	-	-	-

Capital Improvement Program

TITLE: WTP to Town Water Main Replacement Ph 1

STATUS: Future

PROJECT RANKING: 1

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: This project proposes to replace over 5,000 LF of existing cast iron water main that was installed in the 1960's. The existing main is 12"; this project envisions the installation of a larger diameter main to accommodate increased flows to the Town with the construction of the Jeffries well treatment facility. The existing main currently carries about half of the Town's water supply into the Town. A break in this main would diminish the supply to the Town in half. There is an existing 25 ft easement which, with the removal of the original 6-inch main that served the Town, should be sufficient easement - legal and easement/ROW costs should be limited. Estimated useful life of the new pipe is 60 years or more.

OPERATING IMPACT: Decreased maintenance due to new watermain.



GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.

Anticipated Project Schedule

Design	Construction	Completion
1st Quarter 2022	2nd Quarter 2023	2nd Quarter 2024

Capital Improvement Program

Water Fund

TITLE: WTP to Town Water Main Replacement Ph I

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
Cash	-	-	-	-	-	-	-
New Loan	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-
ARPA Funding	2,000,000	-	400,000	-	-	-	1,600,000
	2,000,000	-	400,000	-	-	-	1,600,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
Land/ROW/Legal	100,000	-	100,000	-	-	-	-
Engineering/Design	500,000	-	300,000	-	-	-	200,000
Construction	1,200,000	-	-	-	-	-	1,200,000
Professional Services	200,000	-	-	-	-	-	200,000
Miscellaneous	-	-	-	-	-	-	-
	2,000,000	-	400,000	-	-	-	1,600,000

Operating Impact

Operating/Maintenance Maintenance	Adopted FY22	Proposed			Total for 5-Yr CIP
	-	-	-	-	-

Capital Improvement Program

TITLE: 12th Street Water Main Replacement

STATUS: Ongoing **PROJECT RANKING:** 3

PROJECT MANAGER: Dale Lehnig & Jessica Keller

PROGRAM DESCRIPTION: This project will occur as a part of the proposed street and drainage improvements associated with the 12th Street GF CIP project. The project will consist of replacing the existing 4-inch water main between Main Street and G Street with a new 6-inch DIP. The replacement of the waterline was identified in the 2010 Water Distribution System CIP plan.

The 12th Street Improvements were approved for VDOT Revenue Sharing funding, but the watermain improvements are considered a betterment that must be paid through Town funds. Estimated useful life of the new pipe is 60 years or more.



OPERATING IMPACT: Improvement to water quality and reduce potential for a waterline break due to age of the pipe.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.

Anticipated Project Schedule

Design	Construction		Completion
	2019	2nd Quarter 2024	4th Quarter 2025

Capital Improvement Program**Water Fund****TITLE:** 12th Street Water Main Replacement**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27	
Cash	264,062	31,998	67	100,000	131,997	-	-	-	231,997
New Loan	-	-	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-	-	-
Grants-VDOT	255,075	31,997	-	127,538	95,540	-	-	-	223,078
	-	-	-	-	-	-	-	-	-
	519,137	63,995	67	227,538	227,537	-	-	-	455,075

Planned Uses

Capital Projects		Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
Uses					FY23	FY24	FY25	FY26	
Land/ROW/Legal	-	-	-	-	-	-	-	-	-
Engineering/Design	64,062	63,995	67	-	-	-	-	-	-
Construction	455,075	-	-	227,538	227,537	-	-	-	455,075
Professional Services	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-	-
	519,137	63,995	67	227,538	227,537	-	-	-	455,075

Operating Impact

Operating/Maintenance Maintenance	Adopted FY22	Proposed					Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27	
	-	-	-	500	500	500	1,500

TITLE: Consolidated Ground Water Treatment Plant PH 1

STATUS: Ongoing

PROJECT RANKING: 7

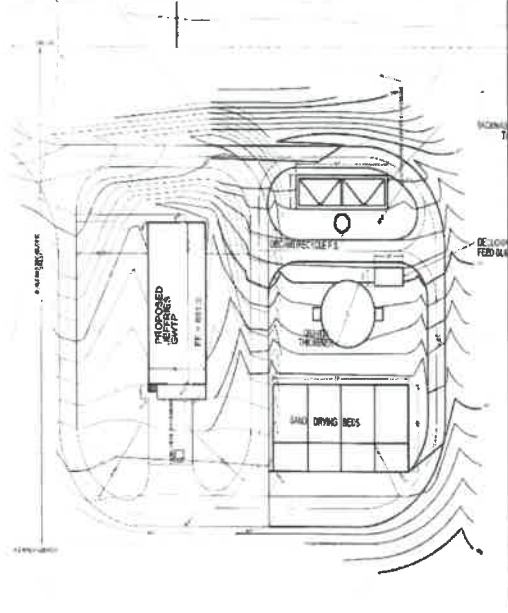
PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: This project involves the construction of a well filter building to provide treatment to the Aberdeen and Jeffries wells. This project is expected to be completed in phases, to construct the well filter building and then the filters and water mains to bring the Aberdeen wells on as additional water supply is needed. This project will involve approval from both the Virginia Department of Health and Loudoun County's Department of Building & Development. This project replaces the consolidated well treatment facility that had been designed for the Aberdeen property. All estimates are budgetary and will be refined with additional engineering. Estimated useful life of the asset is 30-40 years.

OPERATING IMPACT: New preventative maintenance program will need to be developed. Operating costs increased due to additional chemicals, electricity, manpower. Increased costs are budgetary estimates and will be refined with engineering.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.



Anticipated Project Schedule

Design	Construction	Completion
1st Quarter 2022	1st Quarter 2023	4th Quarter 2023

Capital Improvement Program

Water Fund

TITLE: Consolidated Ground Water Treatment Plant PH 1

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
			FY22	FY23	FY24	FY25	FY26	FY27	
Cash	50,000	-	50,000	-	-	-	-	-	-
New Loan	-	-	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-	-	-
ARPA Funding	550,000	-	-	550,000	-	-	-	-	550,000
	-	-	-	-	-	-	-	-	-
	600,000	-	50,000	550,000	-	-	-	-	550,000

Planned Uses

Planned Uses		Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
Uses					FY23	FY24	FY25	FY26	FY27	
Land/ROW/Legal	-	-	-	-	-	-	-	-	-	
Engineering/Design	100,000	-	50,000	50,000	-	-	-	-	50,000	
Construction	500,000	-	-	500,000	-	-	-	-	500,000	
Professional Services	-	-	-	-	-	-	-	-	-	
Miscellaneous	-	-	-	-	-	-	-	-	-	
	600,000	-	50,000	550,000	-	-	-	-	550,000	

Operating Impact

Operating Impact							
Operating/Maintenance	Adopted FY22	Proposed					Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27	
Maintenance	-	-	-	-	-	-	-

Capital Improvement Program

TITLE: F Street Water Main Replacement

STATUS: Ongoing **PROJECT RANKING:** 6

PROJECT MANAGER: Dale Lehnig & Joshua Goff

PROGRAM DESCRIPTION: This project is for the replacement of approximately 1,000 LF of 4-inch water main with new 6-inch water main. The existing water main has had one break during the past year. The F Street water main replacement was recommended for completion for the years 2015-2019 in the "Water Distribution System Capital Improvements Plan", October 2010, due to the advancing age of the pipe and to improve fire flow capabilities in the area. Estimated useful life of the new pipe is 60 years or more.



OPERATING IMPACT: Operating costs may decrease since this is the replacement of an older line that is prone to breaks.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.

Anticipated Project Schedule

Design	Construction	Completion
2nd Quarter 2019	2nd Quarter 2024	4th Quarter 2024

Capital Improvement Program**Water Fund****TITLE:** F Street Water Main Replacement**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27
Cash	166,000	26,268	139,732	-	-	-	-
New Loan	-	-	-	-	-	-	-
Future Loan	199,200	-	-	199,200	-	-	199,200
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	365,200	26,268	139,732	199,200	-	-	199,200

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	46,800	-	46,800	-	-	-	-
Engineering/Design	46,800	26,268	20,532	-	-	-	-
Construction	215,000	-	49,000	166,000	-	-	166,000
Professional Services	56,600	-	23,400	33,200	-	-	33,200
Miscellaneous	-	-	-	-	-	-	-
	365,200	26,268	139,732	199,200	-	-	199,200

Operating Impact

Operating Impact		Proposed					Total for
	Adopted FY22	FY23	FY24	FY25	FY26	FY27	5-Yr CIP
Operating/Maintenance							
Maintenance	-	-	-	500	500	500	1,500

Capital Improvement Program

TITLE: Hall Ave/O St Water Main Replacement

STATUS: Ongoing **PROJECT RANKING:** 6

PROJECT MANAGER: Dale Lehnig & Joshua Goff

PROGRAM DESCRIPTION: This project is for the replacement of approximately 1,000 LF of 4-inch water main with new 6-inch water main. The existing water main has had two breaks during the past year. Additionally, a new (by-right) subdivision is proposed for the west side of Hall Avenue; a new main would provide a more reliable connection for the subdivision. The O Street water main replacement was recommended for completion for the years 2015-2019 in the "Water Distribution System Capital Improvements Plan", October 2010, due to the advancing age of the pipe and to improve fire flow capabilities in the area. Estimated useful life of the new pipe is 60 years or more.



OPERATING IMPACT: Operating costs may decrease since this is the replacement of an older line that is prone to breaks.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.
- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.

Anticipated Project Schedule

Design	Construction	Completion

Capital Improvement Program**Water Fund****TITLE:** Hall Ave/O St Water Main Replacement**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27		
Cash	294,400	25,970	268,430	-	-	-	-	-	
New Loan	-	-	-	-	-	-	-	-	
Future Loan	-	-	-	-	-	-	-	-	
ARPA Funding	-	-	-	-	-	-	-	-	
	294,400	25,970	268,430	-	-	-	-	-	

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	-	-	-	-	-	-	-	-
Engineering/Design	38,300	25,970	12,330	-	-	-	-	-
Construction	219,300	-	219,300	-	-	-	-	-
Professional Services	36,800	-	36,800	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	294,400	25,970	268,430	-	-	-	-	-

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed					Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27	
Maintenance	-	500	500	500	500	500	2,500

WASTEWATER FUND SUMMARY

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
				FY23	FY24	FY25	FY26	FY27		
Cash	2,231,210	1,172,575	793,365	265,270	-	-	-	-	-	265,270
Future Loan	275,000	-	-	-	-	-	-	275,000	1,659,360	1,934,360
ARPA	500,000	-	500,000	-	-	-	-	-	-	-
Total Wastewater Fund	3,006,210	1,172,575	1,293,365	265,270	-	-	-	275,000	1,659,360	2,199,630

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr CIP
				FY23	FY24	FY25	FY26	FY27		
Priority Projects										
West End Gravity Sewer	775,010	176,889	384,411	213,710	-	-	-	-	-	213,710
SCADA System Upgrades (WRF & Pump Stations)	500,000	-	500,000	-	-	-	-	-	-	-
12th Street Sewer Rehabilitation	150,000	-	150,000	-	-	-	-	-	-	-
East End Pump Station	329,200	29,200	248,440	51,560	-	-	-	51,560	1,288,360	1,339,920
Valley Industrial Park Pump Station Upgrades	275,000	-	-	-	-	-	-	275,000	-	275,000
	2,029,210	206,089	1,282,851	265,270	-	-	-	540,270	1,288,360	1,828,630
Priority Future Projects										
Sludge Storage Facility	-	-	-	-	-	-	-	-	371,000	371,000
									371,000	371,000
Completed Projects										
LEAP Aeration Upgrade	160,000	149,486	10,514	-	-	-	-	-	-	-
Membrane Replacement	817,000	817,000	-	-	-	-	-	-	-	-
	977,000	966,486	10,514	-	-	-	-	-	-	-
Total Wastewater Fund	3,006,210	1,172,575	1,293,365	265,270	-	-	-	540,270	1,659,360	2,199,630

WASTEWATER FUND SUMMARY

Funding Summary

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for FY23- FY27 CIP	Total for FY28- FY32 CIP	Total for 10-Yr-CIP
Cash									
LEAP Aeration Upgrade	160,000	149,486	10,514	-	-	-	-	-	-
Membrane Replacement	817,000	817,000	-	-	-	-	-	-	-
East End Pump Station	329,200	29,200	248,440	-	-	-	51,560	-	51,560
12th Street Sewer Rehabilitation	150,000	-	150,000	-	-	-	-	-	-
West End Gravity Sewer	775,010	176,889	384,411	-	-	-	213,710	-	213,710
	2,231,210	1,172,575	793,365	-	-	-	265,270	-	265,270
Future Loan									
Valley Industrial Park Pump Station Upgrades	275,000	-	-	-	-	275,000	275,000	-	275,000
Sludge Storage Facility	-	-	-	-	-	-	-	371,000	371,000
East End Pump Station	-	-	-	-	-	-	-	1,288,360	1,288,360
	275,000	-	-	-	-	275,000	275,000	1,659,360	1,934,360
ARPA									
SCADA System Upgrades (WRF & Pump Stations)	500,000	-	500,000	-	-	-	-	-	-
	500,000	-	500,000	-	-	-	-	-	-
Wastewater Fund Total	3,006,210	1,172,575	1,293,365	-	-	275,000	540,270	1,659,360	2,199,630

Capital Improvement Program

Wastewater Fund

TITLE: West End Gravity Sewer

STATUS: Ongoing **PROJECT RANKING:** 1

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: Through an oversizing agreement, the Town has negotiated with the developer of the "Ball property" whereby the developer will construct a pump station to the Town specifications and oversized to handle the flows from the proposed development as well as present and future flows to the location of the existing West End Pump Station (WEPS). The Town will need to abandon the WEPS and construct the gravity sanitary sewer to connect to the sewer constructed by the developer.

The new west end gravity sewer and abandonment of the WEPS is ongoing. The new Blue Ridge Estatic pump station is functional. Once the new gravity sewer is installed from the existing WEPS, the WEPS can be abandoned.

Estimated useful life of the new gravity sewer is 60 years.

OPERATING IMPACT: Will require fuel and preventative maintenance for the generator. Overall maintenance is expected to decrease with new pumps and equipment installed in a newly constructed pump station.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the-art technology that promotes environmental protection, conservation and green development.



Anticipated Project Schedule

Design	Construction	Completion
4th Quarter 2018	2nd Quarter 2022	4th Quarter 2022

Wastewater Fund

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
			FY22	FY23	FY24	FY25	FY26	FY27	
Cash	775,010	176,889	384,411	213,710	-	-	-	-	213,710
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	775,010	176,889	384,411	213,710	-	-	-	-	213,710

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
			FY22	FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	108,000	15,123	38,877	54,000	-	-	-	-
Engineering/Design	48,760	47,260	1,500	-	-	-	-	-
Construction	618,250	114,506	344,034	159,710	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	775,010	176,889	384,411	213,710	-	-	-	213,710

Operating Impact	Adopted FY22	Proposed			Total for 5-Yr CIP
		FY23	FY24	FY25	
Operating/Maintenance					
Preventative Maintenance/Electricity	-	500	500	500	500
					2,500

Capital Improvement Program

TITLE: SCADA System Upgrades (WRF & Pump Stations)

STATUS: Future

PROJECT RANKING: High Priority

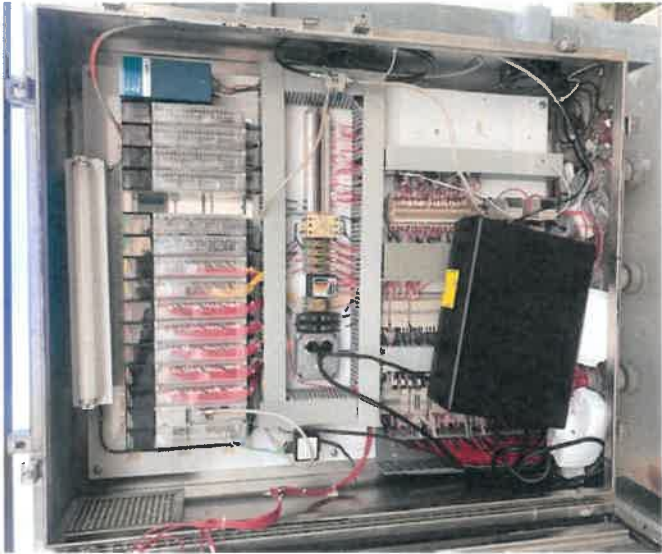
PROJECT MANAGER: Barry Defibaugh

PROGRAM DESCRIPTION: The SCADA (Supervisory Control And Data Acquisition) system at the Basham Simms Water Reclamation Facility was installed with the treatment plant in 2002. Because of new Virginia regulations, additions to the plant were designed to meet a higher level of nitrogen removal. The upgraded plant began operating in 2010, and included some changes to the SCADA, but did not include a full upgrade. As the plant ages, the existing software and hardware have become outdated and parts for repair are difficult to obtain. The upgrade to the SCADA would include upgrades to the latest HMI (Human Machine Interface) software, new PLC (Programming Logic Controllers) & Hardware for the wastewater treatment plant as well as to incorporate five existing pump stations to the SCADA system. This will allow operators to monitor and analyze data for greater efficiency and lessen chances of failures that could cause environmental issues.

OPERATING IMPACT: This upgrade will increase the efficiency of operators and lessen the chance of environmental impacts caused by pump or other equipment failures.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.



Anticipated Project Schedule

Anticipated Project Schedule		
Design	Construction	Completion
4th Quarter 2021	3rd Quarter 2022	2nd Quarter 2023

Capital Improvement Program

Wastewater Fund

TITLE: SCADA System Upgrades (WRF & Pump Stations)

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
				FY23	FY24	FY25	FY26	FY27	
Cash	-	-	-	-	-	-	-	-	-
New Loan	-	-	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-	-	-
ARPA	500,000	-	500,000	-	-	-	-	-	-
	500,000	-	500,000	-	-	-	-	-	-

Planned Uses

Planned Uses									
Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed					Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27		
Land/ROW/Legal	-	-	-	-	-	-	-	-	
Engineering/Design	150,000	-	150,000	-	-	-	-	-	
Construction	280,000	-	280,000	-	-	-	-	-	
Professional Services	70,000	-	70,000	-	-	-	-	-	
Miscellaneous	-	-	-	-	-	-	-	-	
	500,000	-	500,000	-	-	-	-	-	

Operating Impact

Operating Impact		Proposed					Total for 5-Yr CIP
	Adopted FY22	FY23	FY24	FY25	FY26	FY27	
Operating/Maintenance							
Maintenance	-	-	-	-	-	-	-

Capital Improvement Program

Wastewater Fund

TITLE: 12th Street Sewer Rehabilitation

STATUS: Ongoing

PROJECT RANKING: N/A

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: The 12th Street Roadway Improvements project is expected to be under construction in 2023. The sanitary sewer in 12th Street has been identified as having issues that contribute to high inflow and infiltration in the G Street Sewer basin. This project envisions addressing the I/I issues through trenchless technology, in advance of the roadway project.
Estimated useful life of the rehabilitated sewer is 40 years.



OPERATING IMPACT: Decrease in operating costs due to newer lines and decreased inflow and infiltration.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Services - Purcellville will provide its citizens with the highest quality public services and facilities to effectively and equitably meet the public needs.

Anticipated Project Schedule

Design	Construction	Completion

Capital Improvement Program**Wastewater Fund****TITLE:** 12th Street Sewer Rehabilitation**Funding Sources**

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27
Cash	150,000	-	150,000	-	-	-	-
New Loan	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	150,000	-	150,000	-	-	-	-

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed			Total for 5-Yr CIP
			FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal	-	-	-	-	-	-	-
Engineering/Design	-	-	-	-	-	-	-
Construction	150,000	-	150,000	-	-	-	-
Professional Services	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-
	150,000	-	150,000	-	-	-	-

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed					Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27	
Maintenance	-	500	500	500	500	500	2,500

Capital Improvement Program

TITLE: East End Pump Station

STATUS: Ongoing

PROJECT RANKING: 3

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: FY 2018 included a new Generator for the East End Pump Station. A portion of that funding was transferred to the membrane replacement project. A preliminary engineering report (PER) for the East End Pump Station suggests that a replacement facility is the recommended alternative due to its long design life with a pump station that will meet future flows with low operational requirements and aesthetics to match the surrounding area.

An on-site diesel pump was added to the pump station in FY20, which provides redundancy in the event of a pump and power failure. Also in FY20, the old generator broke down. It was difficult to find parts since the generator is old. Staff suggests replacement of the generator in FY21, and has requested our task order consultant to provide specifications for a generator that could be used in a future upgrade to the East End Pump Station. Estimated useful life of a new generator is 20-25 years.



OPERATING IMPACT: Greater efficiency, long design life for the future.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Purcellville will set the regional standard for effective, integrated utility planning and growth management. Water and sewer facilities will be planned and designed to appropriately address desired future land use patterns.

Anticipated Project Schedule

Design	Construction	Completion
1st Quarter 2021	3rd Quarter 2022	1st Quarter 2023

Wastewater Fund

100

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
			FY22	FY23	FY24	FY25	FY26	FY27
Cash	329,200	29,200	248,440	51,560	-	-	-	-
New Loan	-	-	-	-	-	-	-	-
Future Loan	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	329,200	29,200	248,440	51,560	-	-	-	-
				51,560	-	-	-	51,560

Planned Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
Uses			FY22	FY23	FY24	FY25	FY26	FY27
Land/ROW/Legal Engineering/Design Construction	- 45,000 284,200	- 29,200 -	- 15,800 232,640	- - 51,560	- - -	- - -	- - -	- - -
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	329,200	29,200	248,440	51,560	-	-	-	51,560

10

Operating Impact	Adopted FY22	Proposed				Total for 5-Yr CIP
		FY23	FY24	FY25	FY26	FY27
Operating/Maintenance						
Preventative Maintenance/Electricity	-	-	500	500	500	500
						2,000

Capital Improvement Program

TITLE: Valley Industrial Park Pump Station Upgrades

STATUS: Future **PROJECT RANKING:** 4

PROJECT MANAGER: Dale Lehnig

PROGRAM DESCRIPTION: The Mayfair residential and industrial subdivision wastewater flows to the Valley Industrial Park pump station on Hatcher Avenue. Based on modeling, the flows will exceed the firm pumping capacity of the pump station with full development. Improvements suggested by the modeling report are variable frequency drive installation and pump replacement (to include electrical system and generator sizing). Estimated useful life of incremental improvements is 5 - 10 years.



OPERATING IMPACT: Upgrades to pump station will require some annual maintenance increase.

GOAL ADDRESSED: 2025 Comprehensive Plan

- Public Utilities and Transportation - Utility systems will be encouraged to be cost-effective, efficient, and inclusive of state-of-the art technology that promotes environmental protection, conservation and green development.

Anticipated Project Schedule

Design	Construction	Completion

Capital Improvement Program **Wastewater Fund**

TITLE: Valley Industrial Park Pump Station Upgrades

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
Cash	-	-	-	-	-	-	-	-
New Loan	-	-	-	-	-	-	-	-
Future Loan	275,000	-	-	-	-	-	275,000	275,000
	-	-	-	-	-	-	-	-
	275,000	-	-	-	-	-	275,000	275,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/21	Adopted FY22	Proposed				Total for 5-Yr CIP
Land/ROW/Legal	-	-	-	-	-	-	-	-
Engineering/Design	55,000	-	-	-	-	-	55,000	55,000
Construction	220,000	-	-	-	-	-	220,000	220,000
Professional Services	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
	275,000	-	-	-	-	-	275,000	275,000

Operating Impact

Operating/Maintenance	Adopted FY22	Proposed				Total for 5-Yr CIP
Maintenance	-	-	-	-	-	-

