



**TOWN OF ABINGDON, VIRGINIA
TOWN COUNCIL MID-MONTH MEETING
THURSDAY, FEBRUARY 24, 2022 – 2:00 pm
ARTHUR CAMBELL ROOM – TOWN HALL**

DRAFT AGENDA

- A. WELCOME – *Mayor Webb***
- B. ROLL CALL – *Kim Kingsley, Clerk***
- C. PLEDGE OF ALLEGIANCE – *Vice Mayor Donna Quetsch***
- D. APPROVAL OF AGENDA – *Mayor Webb***
- E. NEW BUSINESS**
 - 1. Discussion regarding amendment of Ordinance, 62-61 Paved sidewalks to be kept clean and unobstructed, to allow commercial business an annual sidewalk usage permit. – *Mayana Rice, Director of Community Development*
- F. UNFINISHED BUSINESS**
- G. MISCELLANEOUS BUSINESS AND COMMUNICATIONS FROM TOWN MANAGER**
 - 1. Discussion regarding Capital Improvement Plan – *James Morani, Town Manager and Stephanie Davis, Center for Public Administration and Policy, Virginia Tech*
- H. COUNCIL MEMBER REPORTS**
- I. CLOSED SESSION**
- J. ADJOURN**



MEMO

TO: ABINGDON TOWN COUNCIL

FROM: MAYANA RICE, COMMUNITY DEVELOPMENT DIRECTOR

SUBJECT: REQUEST FOR TOWN COUNCIL TO INITIATE AN ORDINANCE AMENDMENT

PUBLICATION DATE: FEBRUARY 15, 2022

MEETING DATE: FEBRUARY 24, 2022

LOCATION: COUNCIL CHAMBERS, TOWN HALL
133 WEST MAIN STREET, ABINGDON, VA

There has been an increase in the number of requests for “outdoor retail”. Outdoor retail is in the form of sales, advertisement, seating and other encroachments on Town of Abingdon sidewalks. Attached is a visual survey of the downtown businesses and the type of encroachments that are currently occurring

The Town of Abingdon Ordinances do not allow the usage of sidewalks by private businesses.

62-61 Paved sidewalks to be kept clean and unobstructed.

[Code 1985, § 16-2]

(a) The owners and occupants of lots abutting on the streets of the Town shall keep the paved sidewalks in front of their premises free from dirt, filth, trash, snow, ice, wood, coal, barrels, boxes or any other obstruction likely to interfere with the convenience of the public.

The primary concern for unpermitted sidewalk usage comes in the form of accidents (vehicular and pedestrian) and damage to private property that is encroaching into the public sidewalk right of way.

Working together with the Town's engineering, public works, tourism and economic development staff is requesting that the Town Council initiate a Zoning Ordinance Amendment to allow encroachments on the sidewalks, subject to an annual permitting process.

The town's legal counsel has provided the needed language to allow this type of permitting, underlined below:

62-61 Paved sidewalks to be kept clean and unobstructed.

- (a) The owners and occupants of lots abutting on the streets of the Town shall keep the paved sidewalks in front of their premises free from dirt, filth, trash, snow, ice, wood, coal, barrels, boxes or any other obstruction likely to interfere with the convenience of the public. Commercial businesses may use approved portions of sidewalks only upon Town approval of an annual sidewalk usage permit.

In addition, the draft permit application is attached for review. This permit will allow staff the ability to:

1. Ensure adequate width of the sidewalk exists for ADA compliance;
2. Proof of liability coverage for seating and dining;
3. Proof that outdoor alcohol consumption has been permitted.

Staff is suggesting the following fee schedule:

- Sandwich board / Decorative art - \$15 annual fee
- Retail (such as bike rentals and sales) - \$50 annual fee
- Outdoor Dining - \$75 annual fee

SIDEWALK USAGE REGISTRATION 2022

Business Name: _____

Business Address: _____

Business Telephone Number: _____

Business Type: _____

Sidewalk usage (choose all that apply):

DINING SANDWICH BOARD SIGN RETAIL SEATING ART

BUSINESS OPERATOR INFORMATION Will alcohol be served on the sidewalk? Yes No

If YES, ensure signage posted at exit points "NO ALCOHOL BEYOND THIS POINT"

Hours of Operation

Monday _____ to _____

Tuesday _____ to _____

Wednesday _____ to _____

Thursday _____ to _____

Friday _____ to _____

Saturday _____ to _____

Sunday _____ to _____

SIDEWALK USAGE INFORMATION SIGNATURE

With this application, I have submitted:

Proof of an insurance policy, with minimum limits of one million dollars of general liability coverage

A copy of all permits and licenses issued by the county, states, or the city, including but not limited to an ABC permit and business registration

A sworn statement describing any violation by the operator of any laws, regulations, or ordinances relating to the possession, sale, consumption, or transportation of intoxicating beverages or controlled substances during the five (5) years immediately proceeding the date of the permit application.

A site plan that shows at least **four feet of unobstructed space** on the sidewalk, placement of tables, chairs, and other furnishings and applicable barriers required for the sale of alcoholic beverages.

Applicant Signature: _____

Date: _____



Photo 9: White Birch Food & Juice



Photo 17: Greeko's - 217 West Main Street, Abingdon VA, 24210



Photo 20: Same location as Photo 19.



Town of Abingdon, Virginia

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**Draft Capital Improvement Plan
FY2023-2027**

Town of Abingdon, Virginia
Capital Improvement Plan
FY2023-2027

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*Town of Abingdon, Virginia
Capital Improvement Plan
FY2023-2027*

Purpose

The Capital Improvements Program (CIP) is a plan for capital and capital-related expenditures. It is a means of planning for funding these expenditures throughout the Five-Year Financial Plan. Qualifying expenditures under the CIP include facilities, equipment, and vehicles with a project cost greater than \$20,000 and a useful life of more than 10 years.

The Town's Comprehensive Plan guides the CIP, which is a long-term guide for growth and development within the Town. It outlines the Town's goals, objectives, and projection of needs for the next 25 years. The Code of Virginia requires that a CIP be prepared to carry out the policies adopted through the Comprehensive Plan. The CIP performs this function by outlining anticipated projects by year, cost, and recommended funding source. The Town of Abingdon has maintained compliance with capital outlay programs as stated in Section 15.2-2239 of the Code of Virginia as follows:

"A local planning commission may, and at the direction of the governing body shall, prepare and revise annually a capital improvement program based on the comprehensive plan of the locality for a period not to exceed the ensuing five years. The commission shall submit the program annually to the governing body, or to the chief administrative officer or other official charged with preparation of the budget for the locality, at such time as it or he shall direct. The capital improvement program shall include the commission's recommendations, and estimates of the cost of the facilities, including any road improvement and any transportation improvement the locality chooses to include in its capital improvement plan and as provided for in the comprehensive plan, and the means of financing them, to be undertaken in the ensuing fiscal year and in a period not to exceed the next four years, as the basis of the capital budget for the locality. In the preparation of its capital budget recommendations, the commission shall consult with the chief administrative officer or other executive head of the government of the locality, the heads of departments and interested citizens and organizations and shall hold such public hearings as it deems necessary."

The purpose of having a CIP is to assess the Town's existing condition and identify needs that must be addressed to accomplish the planning goals set forth in the Comprehensive Plan. The CIP sets forth needs and priorities to coordinate the development of Town facilities with anticipated revenues, growth, and the community's ability to pay.

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Calendar

This document represents the Town's first formal Capital Improvement Plan and has been a collaborative effort between Virginia Tech, Town staff, and the Town Council. For this first process, the CIP development began in 2021 with significant input and work on the part of the Town staff and Town Council. The calendar proposed below represents a plan for the CIP in future years.

In subsequent years, the Town of Abingdon will develop a calendar that guides the Budget and CIP processes. The development of the CIP is proposed to begin in August and will be completed prior to the start of the operating budget process. During the months of March, April, and May, staff will consider the funding and projects requested for both the budget and CIP. Final adoption of both the operating budget and CIP will be completed in June. Appropriations are available July 1 of the new fiscal year.

August

- CIP forms distributed to Departments

September

- CIP requests due to Finance
- Finance staff compiles CIP project information

October

- Finalize CIP project information

November

- Planning Commission reviews CIP for compliance with the Town's Comprehensive Plan

December

- Town Council reviews CIP

January

- Operating Budget forms distributed to Departments

February

- Operating Budget requests due to Finance
- Finance review of operating budget submissions

March

- Budget work sessions with Town Council
 - Discussion on Budget and CIP
- Advertise proposed tax rates

April

- Budget work sessions with Town Council
 - Discussion on Budget and CIP

May

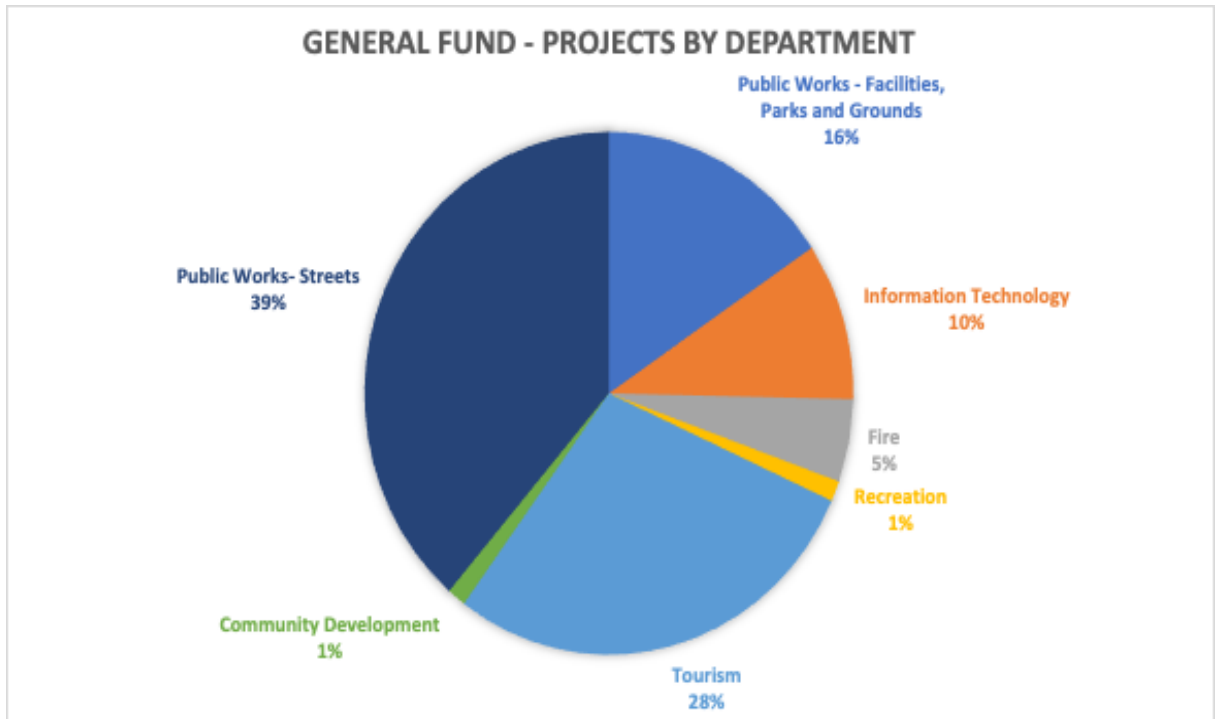
- Budget public hearings

June

- Final Budget and CIP adopted

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General Fund Proposed Project List

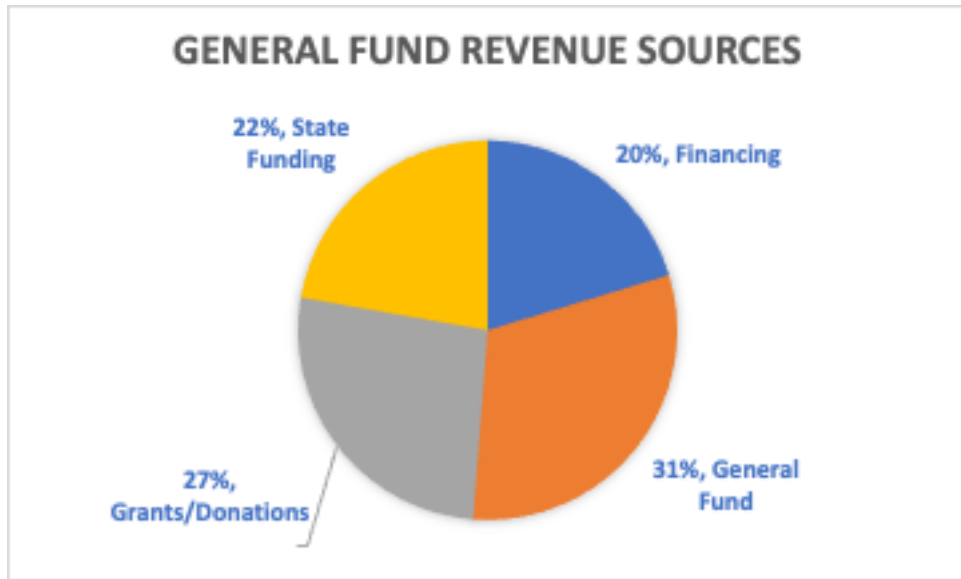
General Fund Capital Improvement Plan - Project Listing							
		FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	Total
Public Works - Facilities, Parks and Grounds							
	Municipal Building Improvements HVAC/Roof/Paint	\$63,500	\$136,500	\$9,500	\$45,000	\$0	\$254,500
	Police Department Building Improvements HVAC/paint	\$20,000	\$17,500	\$10,000	\$25,000	\$0	\$72,500
	306 Depot Square Renovations/Painting	\$20,000	\$20,000	\$0	\$0	\$0	\$40,000
	Arts Depot	\$30,000	\$15,000	\$0	\$0	\$0	\$45,000
	Fields-Penn Exterior and Interior Renovations	\$35,000	\$20,000	\$20,000	\$20,000	\$0	\$95,000
Information Technology							
	Fiber Project for all town buildings	\$110,000	\$75,000	\$60,000	\$85,000	\$0	\$330,000
	P25 Radio Phase 2 expansion Public Safety and Town communications	\$89,000	\$1,200,000	\$0	\$0	\$0	\$1,289,000
Fire							
	3,000 gal Tanker Truck	\$0	\$850,000	\$0	\$0	\$0	\$850,000
Recreation							
	Boiler for pool	\$61,683	\$0	\$0	\$0	\$0	\$61,683
	Center Repaving	\$0	\$147,566	\$0	\$0	\$0	\$147,566
Public Works - Facilities, Parks and Grounds							
	Latture Field Lighting	\$0	\$0	\$408,500	\$0	\$0	\$408,500
	Russell Rd field lighting poles & fixtures	\$0	\$283,980	\$283,980	\$0	\$0	\$567,960
	Restroom - Eberhardt Park on Tanner and Park St.	\$0	\$0	\$61,300	\$0	\$0	\$61,300
	Resurface Courts at N. Church Street	\$0	\$31,500	\$0	\$0	\$0	\$31,500
	Restroom - Landon Park on A Street	\$0	\$0	\$61,300	\$0	\$0	\$61,300
	Restroom - Watauga Parking Lot - Old South Way - Creeper Trail	\$56,200	\$0	\$0	\$0	\$0	\$56,200
	VCT - Engineering Inspection for safety and structural stability	\$60,300	\$0	\$0	\$0	\$0	\$60,300
	VCT - Trestle 1, 2, 3, 5, 6 Repairs	\$203,544	\$203,544	\$162,564	\$130,065	\$130,065	\$829,782
Tourism							
	Pump Skills Track	\$600,000	\$0	\$0	\$0	\$0	\$600,000
	Great Knobs Mountain Bike Park	\$0	\$950,000	\$300,000	\$2,850,000	\$0	\$4,100,000
Community Development							
	Full plan-Way find signage	\$55,000	\$50,000	\$50,000	\$50,000	\$0	\$205,000
Public Works - Street Department							
	Clark Street Sidewalk	\$0	\$0	\$35,000	\$25,000	\$400,000	\$460,000
	Boone Street Sidewalk	\$0	\$161,000	\$1,131,050	\$0	\$0	\$1,292,050
	West Main Street Sidewalk	\$0	\$100,000	\$60,000	\$0	\$450,000	\$610,000
	Green Spring Road Realignment	\$100,000	\$50,000	\$0	\$1,350,000	\$0	\$1,500,000
	Green Spring Road Connector	\$0	\$0	\$100,000	\$950,000	\$0	\$1,050,000
	East Main Street Sidewalk	\$82,000	\$0	\$0	\$0	\$0	\$82,000

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	Replacement of automated trash truck	\$0	\$0	\$315,000	\$0	\$0	\$315,000
	Replacement of existing skidsteer	\$0	\$0	\$0	\$55,000	\$0	\$55,000
	Replacement of Alamo Mower	\$0	\$0	\$0	\$0	\$155,000	\$155,000
	Replacement of Dumptruck	\$0	\$125,000	\$0	\$0	\$0	\$125,000
	Replacement of Quonset hut at town shop	\$0	\$0	\$0	\$137,500	\$0	\$137,500
	Replacement of bed on Sweeper Truck	\$600,000	\$0	\$0	\$0	\$0	\$600,000
	Access Road to Salt bed	<u>\$25,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$25,000</u>
Total		\$2,211,227	\$4,436,590	\$3,068,194	\$5,722,565	\$1,135,065	\$16,573,641

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General Fund Revenue Sources

Revenue Source	Project:	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	Total
Financing							
	Fiber Project for all town buildings	\$110,000	\$75,000	\$60,000	\$85,000	\$0	\$330,000
	P25 Radio Phase 2 expansion Public Safety and Town communications	\$89,000	\$1,200,000	\$0	\$0	\$0	\$1,289,000
	3,000 gal Tanker Truck	\$0	\$550,000	\$0	\$0	\$0	\$550,000
	Replacement of automated trash truck	\$0	\$0	\$315,000	\$0	\$0	\$315,000
	Replacement of Alamo Mower	\$0	\$0	\$0	\$0	\$155,000	\$155,000
	Replacement of Dump truck	\$0	\$125,000	\$0	\$0	\$0	\$125,000
	Replacement of bed on Sweeper Truck	<u>\$600,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$600,000</u>
	Subtotal						\$3,364,000
General Fund							
	Municipal Building Improvements HVAC/Roof/Paint	\$63,500	\$136,500	\$9,500	\$45,000	\$0	\$254,500
	Police Department Building Improvements HVAC/paint	\$20,000	\$17,500	\$10,000	\$25,000	\$0	\$72,500
	306 Depot Square Renovations/Paints	\$20,000	\$20,000	\$0	\$0	\$0	\$40,000
	Arts Depot	\$30,000	\$15,000	\$0	\$0	\$0	\$45,000
	Fields Penn Exterior and Interior Renovation	\$33,000	\$20,000	\$20,000	\$20,000	\$0	\$95,000
	Boiler for Pool	\$61,683	\$0				\$61,683
	Center Repaving	\$0	\$147,566	\$0	\$0	\$0	\$147,566
	Latture Field Lighting	\$0	\$0	\$408,500	\$0	\$0	\$408,500
	Russell Road field lighting poles & fixtures	\$0	\$283,980	\$283,980	\$0	\$0	\$567,960
	Restroom - Eberhardt Park on Tanner and Park St.	\$0	\$0	\$61,300	\$0	\$0	\$61,300
	Restroom - Landon Park on A Street	\$0	\$31,500	\$0	\$0	\$0	\$31,500
	Restroom - Landon Park on A Street	\$0	\$0	\$61,300	\$0	\$0	\$61,300
	Restroom - Watauga Parking Lot - Old South Way - Creeper Trail	\$56,200	\$0	\$0	\$0	\$0	\$56,200
	VCT - Engineering Inspection for safety and structural stability	\$60,300	\$0	\$0	\$0	\$0	\$60,300
	VCT - Trestle 1, 2, 3, 5, 6 Repairs	\$203,544	\$203,544	\$162,564	\$130,065	\$130,065	\$829,782
	Pump Skills Track	\$120,000	\$0	\$0	\$0	\$0	\$120,000
	Full plan-Way find signage	\$55,000	\$50,000	\$50,000	\$50,000	\$0	\$205,000
	Boone Street Sidewalk	\$0	\$32,200	\$226,210	\$0	\$0	\$258,410
	Green Spring Road Realignment	\$100,000	\$50,000	\$0	\$1,350,000	\$0	\$1,500,000
	East Main Street Sidewalk	\$30,000	\$0	\$0	\$0	\$0	\$30,000
	Replacement of Quonset hut at town shop	\$0	\$0	\$0	\$137,500	\$0	\$137,500
	Access Road to Salt bed	\$25,000	\$0	\$0	\$0	\$0	\$25,000
	Replacement of existing skidsteer	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$55,000</u>	<u>\$0</u>	<u>\$55,000</u>
	Subtotal						\$5,124,001

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Grants/ Donations							
	3,000 gal Tanker Truck	\$0	\$300,000	\$0	\$0	\$0	\$300,000
	Great Knobs Mountain Bike Park	<u>\$0</u>	<u>\$950,000</u>	<u>\$300,000</u>	<u>\$2,850,000</u>	<u>\$0</u>	<u>\$4,100,000</u>
	Subtotal						\$4,400,000
State Funding							
	Pump Skills Track	\$480,000	\$0	\$0	\$0	\$0	\$480,000
	Clark Street Sidewalk	\$0	\$0	\$35,000	\$25,000	\$400,000	\$460,000
	Boone Street Sidewalk	\$0	\$128,800	\$904,840	\$0	\$0	\$1,033,640
	West Main Street Sidewalk	\$0	\$100,000	\$60,000	\$0	\$450,000	\$610,000
	Green Spring Connector	\$0	\$0	\$100,000	\$950,000	\$0	\$1,050,000
	East Main Street Sidewalk	<u>\$52,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$52,000</u>
	Subtotal						\$3,685,640
Total		\$2,211,227	\$4,436,590	\$3,068,194	\$5,722,565	\$1,135,065	\$16,573,641

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Facilities Maintenance

Project:

HVAC updates and improvements

Description:

This project, which is funded through the general fund, is a five-year plan to replace/update the HVAC system in the municipal building. This project includes replacing thermostats, office units, and parts in the chiller. This project also provides for the replacement of the roof and repainting of the whole building. This project is funded over the next five years, as the project is divided into different annual sections.

Project:

HVAC and interior renovations for Police Department:

Description:

This project, which is funded through the general fund, is a five-year plan to replace/update the HVAC system and renovate the interior of the police department at 425 West Main St. This project will include sheet rocking and painting of the interior of the building. The HVAC update will contain the updates to the entire system. This project also includes the replacement of the membrane on the roof of the police station.

Project:

Exterior Renovations of Train Station

Description:

This project, which is funded through the general fund, involves exterior repainting and window glazing at 306 Depot Square.

Project:

Tile Exterior of Improvements for Arts Depot

Description:

This project renovates the Art Depot's exterior located at 314 Depot Square. Renovations will begin on this project in 2021 and will see planned completion by the year 2024. Funding for this project has been broken up into separate years as design and construction may take place in different years.

Project:

Field-Penn Re-Pointing Brick, back sidewalk, landscape

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Description:

This project is the renovation of the Penn Field located at 208 West Main St. This project composes the relandscaping of the park, the fixing of the back sidewalk, and the repointing of the brick. This project is funded over the next five years as renovations are spread out over the funding cycles.

Information Technology

Project:

Fiber Infrastructure Build-out Expansion

Description:

This project involves the building out of fiber services within all town buildings. This project is being funded through the general fund and is expected to provide more cost-effective and efficient use of technologies within the municipal government. Currently, the government leases most of the phone and data service equipment and this project will lower the costs of these services with more of the fiber infrastructure being owned in-house.

Project:

P25 Phase 2 Expansion Public Safety and Town Communications

Description:

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This project, which is being funded through the general fund, involves the expansion of the safety radio system that the town operates. This project is in accordance with the town's master plan and will help with the integration and communication of public safety officials within the town and the surrounding jurisdictions.

Fire Department

Project:

Replace Rescue Engine and Tanker with a New 3,000 Gallon Tanker

Description:

This project funds the replacement of the fire department's reserve tanker truck that is six years past its expected life expectancy. The purchase of the new vehicle will allow the fire department to have modern equipment that will be easier to perform maintenance on help the town reach its goal of being self-sufficient and

Coomes Recreation Center

Project:

Trane Indoor Pool Boiler Replacement Project

Description:

This project includes the removal and replacement of the water heater for the Coomes Recreation Center pool. This project will allow for adequate water temperatures to provide a safe environment for lap swimming along with recreation swim opportunities for the community. Swimming pools used for competitive swimming must maintain a temperature of 77 to 82 degrees Fahrenheit. This project can be completed within 30 days of the contract being signed with the contractor. This project is being funded through the general fund.

Project:

Coomes Recreation Center Parking Lot Repaving Project

Description:

Funded through the general fund this project will include the repaving of the Coomes Recreation Center parking lot to provide a safe environment for citizens and employees. ADA requires a detectable warning system when exiting a sidewalk. There is currently a need for 22 truncated dome structures on existing sidewalks. Paving the area behind the center will provide safety for patrons that walk this perimeter who cannot access the trail. Currently, it is a hazard with loose gravel connecting the back roadway to the existing sidewalk system.

Parks and Outdoor Recreation

Project:

Replace wooden lighting poles and lighting fixtures with LED at Latture Field

Description:

This project will replace wooden lighting poles and lighting fixtures with LED at Latture Field. This project will be funded through the general fund. There are a number of maintenance issues including rotting wooden poles, pole breaks and pole replacement. This project is expected to be finished in 2024.

Projects:

Replace wooden lighting poles and lighting fixtures with LED at Ray Petty and Foster DeBose Fields.

Description:

This project, funded through the general fund, involves the replacement of 12 wooden light poles at Ray Petty and Foster DeBose Fields with new LED light poles. The current wooden light poles are showing signs of rot, and one pole has already been replaced. This project will involve the replacing of lights at Petty Field by fall 2023 and the lights at Debose Field 2024. The replacing of current lights with LED lights will also allow the town to cut the cost of using field lights.

Project:

The Building of Permanent Restroom at Eberhardt Park

Description:

Funded through the general fund, this project involves the building of a prefabricated CXT concrete restroom at Eberhardt Park. This project is being undertaken to provide adequate public restrooms for the community. This project is also in line with the town's comprehensive plan 2040.

Project:

N. Church Street Tennis Court Resurface

Description:

This project, funded through the general fund, resurfaces the tennis courts at N. Church Street due to cracks and confusion from multiple lines on the court for tennis and picketball. This project will begin in the fall of 2022.

Project:

Permanent Restroom at Landon Boyd Park

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Description:

Funded through the general fund, this project involves the building of prefabricated CXT concrete restrooms at Landon Park. This project is being undertaken to provide adequate public restrooms for the community. This project is also in line with the town's comprehensive plan 2040.

Project:

Permanent Restroom at Watauga Parking Lot

Description:

This project will install a prefabricated CXT concrete restroom at Watauga Parking lot Old South Way, Creeper Trail. This project is being undertaken to provide adequate public restrooms for the community. This project is also in line with the town's comprehensive plan for 2040.

Project:

Creeper Trail Trestle Inspections for Trestles 8-15

Description:

This project, funded through the general fund, provides for an engineering inspection for the safety and structural stability of the Virginia Creeper Trail. This project is being completed to provide safe facilities and amenities to promote pedestrians, riding, and pedaling along the Virginia Creeper Trail. This project is estimated to take 3-5 months to complete.

Project:

Virginia Creeper Trail Trestle Repairs

Description:

This project replaces trestles 1, 2, 3, 4, 5, and 6 along the Virginia Creeper Trail. Funding for this project is coming from the general fund and available ARPA funds. This project is being completed in accordance with the Town of Abingdon's Comprehensive plan 2040 and is being completed to provide safe facilities and amenities to promote pedestrian, riding, and pedaling along the Virginia Creeper Trail. This project is estimated to take 3-5 years to complete.

Tourism

Project:

Mountain Bike Park Skills Pump Track

Description:

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This project, funded through the general fund and ARPA funds, involves the building of a skills pump bike track at The Meadows. This project is being completed to increase the quality of life for residents and to promote Abingdon as a biking community.

Project:

Mountain Bike Park

Description:

This project, funded through the general fund and ARPA funds, involves the building of a mountain bike park at Berry Creek Road. This is being completed to increase the quality of life for residents and to promote Abingdon as a biking community.

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Community Development

Project:

Recreation facility wayfinding

Description:

This project, funded through the general fund, provides for the posting of 8 total signs throughout the community to direct Abingdon visitors to major routes, neighborhoods, and local attractions. The goals for the signs will be safe and easy for anyone to pedal, roll, stroll, or drive on Abingdon's streets through tamed traffic and expanded bicycle and pedestrian facilities. It is intended to develop an attractive wayfinding system and signage plan that is in context with the historic context of the town and pursue implementation.

Project:

Town of Abingdon Master Wayfinding Plan and Implementation

Description:

Funded through the general fund, this project involves a Master sign plan to identify the key wayfinding locations, type of sign, design standards, and installation plan with an annual construction schedule. There are an estimated 25 locations where these signs may be placed. Signage clutter is when there are too many competing signs, and it makes it difficult for the road user to comprehend. The competing signage can cause the rate of accidents to increase as drivers are overwhelmed with the road markings, traffic signals and signs. Having a dedicated wayfinding program will reduce danger, provide for lower maintenance cost through unified upkeep, and create a more attractive community.

Public Works

Project:

Clark Street Sidewalk

Description:

This project extends curb and gutter with sidewalk from Court Street to Whites Mill Road (approximately 1000 Linear Feet of sidewalk). This project is being funded through state and general funds and has the goals of increasing pedestrian traffic, safety, and welfare.

Project:

Boone Street Sidewalk and Infrastructure

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Description:

This project extends curb and gutter with sidewalk from East Main Street to Walden Road (approximately 1500 Linear Feet of sidewalk). This project is being funded through state funds and has the goals of increasing pedestrian traffic, safety, and welfare.

Project:

West Main Street Sidewalk

Description:

This project extends the sidewalk from Patton Street to Holston Street. Funding for this project is coming from the state and general funds. The reasoning for undertaking this project is to increase pedestrian safety and welfare by creating pedestrian mobility. This would also be effective in some access management along the West Main St. corridor.

Project:

Green Spring Road Realignment

Description:

This project realigns Green Spring Rd. to remove the "S" curve and replace the existing culvert with a new RCP box culvert. Upgrade road section with pedestrian facilities. This project is being funded through federal funds and is being completed to increase pedestrian traffic, safety, and welfare. Construction on this project will be completed 18 months from the advertisement of the project' ■ ■

Project:

Green Spring Connector Road

Description:

This project, funded through the general fund and state funding, is designed to connect Green Spring and Cummings Street. This project is being undertaken to Increase pedestrian and motorist safety and welfare. Provide access and alleviate potential congestion at Cook St. and Cummings St. intersection. This project is planned on being completed 9-12 months from advertisement to completion of the project.

Project:

East Main Street Sidewalk (VDOT Project UPC 113768)

Description:

This project extends sidewalk from Dollar General to Existing Sidewalk (approximately 330 Linear Feet of sidewalk). This project is being funded through state funds and will be completed 3 months after the advertisement of the project. This project is being completed to increase pedestrian traffic, safety, and welfare.

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Project:

Automated side arm trash truck

Description:

The replacement of an automated trash truck (2007 model). This project will help the public welfare by helping to ensure reliable solid waste pickup and disposal. The existing automated truck has reached the end of its economic life and is difficult/impossible to find replacement parts due to age. Funding for this project comes from the general fund.

Project:

Bobcat Skidsteer

Description:

The replacement of the existing skidsteer. This machine is used to keep roads and drainage systems working safely. This project is being funded through the general fund. The existing skid steer (2006 model) is reaching the end of its economic life. This piece of equipment is one of the most used town wide.

Project:

Alamo Tractor Replacement

Description:

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This project replaces the 1977 Alamo mower. This mower will be used for regular maintenance of town facilities. Funding for this project comes from the general fund, and the town can expect to see completion on this 2-3 month after the bidding process begins.

Project:

Dump Truck Replacement

Description:

This will replace an existing 1997 model dump truck that has serious rust issues and has reached the age where some parts are no longer available. This project will help in the general repair of the town and snow removal. The funding for this project is coming from the general fund.

Project:

Quonset Hut replacement

Description:

The building needs replacement due to age and deterioration. The funding for the project is coming from the general fund. This project will improve energy costs and working conditions by providing a more insulated building for the public.

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Project:

Sweeper truck bed replacement

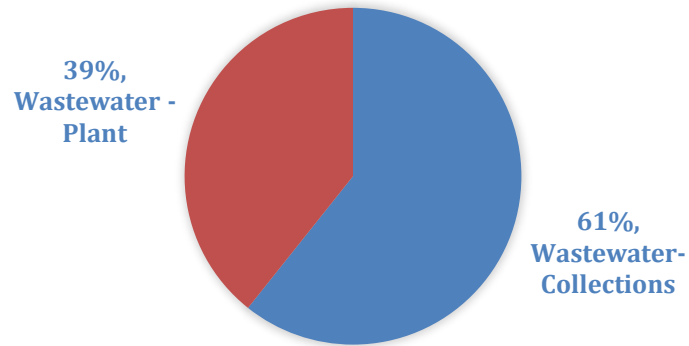
Description:

This project will replace the bed on the sweeper truck with a new one. This project is being completed due to the normal wear and tear on the existing bed. This project is being funded through the general fund.

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**WASTEWATER FUND - PROJECTS BY
FUNCTION**



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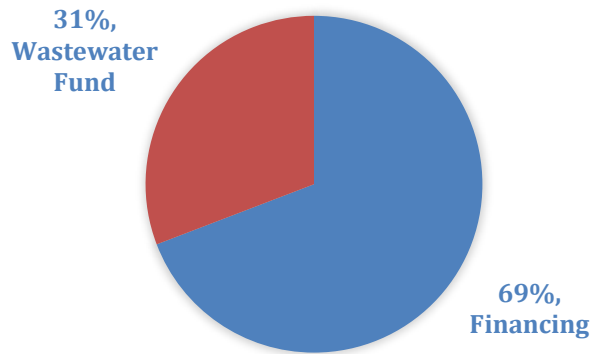
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Wastewater Fund Proposed Project List

Wastewater Fund Capital Improvement Plan - Project Listing							
		FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	Total
Wastewater - Collections							
	Acoustic Tester / CCTV Crawler System	\$0	\$0	\$0	\$145,000	\$0	\$145,000
	Collection System Electrical	\$0	\$0	\$0	\$0	\$300,000	\$300,000
	New Safety Equipment	\$0	\$0	\$150,000	\$0	\$50,000	\$200,000
	Remote Trench Roller Compactor	\$60,000	\$0	\$0	\$0	\$0	\$60,000
	SCADA Upgrades Collections	\$0	\$300,000	\$0	\$0	\$0	\$300,000
	Sewer Upgrades 1/1 from Study	\$600,000	\$1,000,000	\$850,000	\$350,000	\$350,000	\$3,150,000
	Wilson Pump Station Generator & Automatic Transfer System	\$180,000	\$0	\$0	\$0	\$0	\$180,000
Wolf Creek Wolf Creek Wastewater Treatment Plant							
	Aeration Basin and Primary Treatment Plumbing	\$60,000	\$60,000	\$0	\$0	\$60,000	\$180,000
	Ammonia Treatment Equipment	\$0	\$0	\$0	\$0	\$250,000	\$250,000
	DO/ORP,PH Meter Replacements	\$30,000	\$0	\$0	\$30,000	\$0	\$60,000
	Engineering Plans for Plant Upgrade	\$0	\$0	\$165,000	\$0	\$0	\$165,000
	Equipment Repair and Replacement Reserve	\$100,000	\$125,000	\$125,000	\$150,000	\$125,000	\$625,000
	Grease Holding Tank	\$105,000	\$0	\$0	\$0	\$0	\$105,000
	Industrial Line Flow Meters	\$35,000	\$0	\$35,000	\$0	\$35,000	\$105,000
	Primary Digester Maintenance	\$100,000	\$0	\$0	\$0	\$30,000	\$130,000
	Purchase 2nd Tertiary Filter	\$520,000	\$0	\$0	\$0	\$0	\$520,000
	Replace Older Centrifuge	\$0	\$0	\$0	\$0	\$420,000	\$420,000
	SCADA Upgrades WCWRF Plant	\$20,000	\$20,000	\$20,000	\$10,000	\$50,000	\$120,000
	Secondary Clarifiers Overhaul	<u>\$0</u>	<u>\$0</u>	<u>\$125,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$125,000</u>
Total		\$1,810,000	\$1,505,000	\$1,470,000	\$685,000	\$1,670,000	\$7,140,000

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**WASTEWATER FUND REVENUE
SOURCES**



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Wastewater Fund Revenue Sources

Revenue Source	Project:	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	Total
Financing							
	Replace Older Centrifuge	\$0	\$0	\$0	\$0	\$420,000	\$420,000
	Purchase 2nd Tertiary Filter	\$520,000	\$0	\$0	\$0	\$0	\$520,000
	Ammonia Treatment Equipment	\$0	\$0	\$0	\$0	\$250,000	\$250,000
	Sewer Upgrades 1/1 from Study	\$600,000	\$1,000,000	\$850,000	\$350,000	\$350,000	\$3,150,000
	SCADA Upgrades	\$0	\$300,000	\$0	\$0	\$0	\$300,000
	Collection System Electrical	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$300,000</u>	<u>\$300,000</u>
	Subtotal	\$1,120,000	\$1,300,000	\$850,000	\$350,000	\$1,320,000	\$4,940,000
Wastewater Fund							
	Equipment Repair and Replacement Reserve	\$100,000	\$125,000	\$125,000	\$150,000	\$125,000	\$625,000
	Secondary Clarifiers Overhaul	\$0	\$0	\$125,000	\$0	\$0	\$125,000
	Aeration Basin and Primary Treatment Plumbing	\$60,000	\$60,000	\$0	\$0	\$60,000	\$180,000
	Engineering Plans for Plant Upgrade	\$0	\$0	\$165,000		\$0	\$165,000
	Grease Holding Tank	\$105,000	\$0	\$0	\$0	\$0	\$105,000
	Industrial Line Flow Meters	\$35,000	\$0	\$35,000	\$0	\$35,000	\$105,000
	IDO/ORP,PH Meter Repacements	\$30,000	\$0	\$0	\$30,000	\$0	\$60,000
	Primary Digester Maintenance	\$100,000	\$0	\$0	\$0	\$30,000	\$130,000
	SCADA Upgrades	\$20,000	\$20,000	\$20,000	\$10,000	\$50,000	\$120,000
	New Safety Equipment	\$0	\$0	\$150,000	\$0	\$50,000	\$200,000
	CCTV Crawler System	\$0	\$0	\$0	\$145,000	\$0	\$145,000
	Remote Trench Roller Compactor	\$60,000	\$0	\$0	\$0	\$0	\$60,000
	Wilson Pump Station Generator & Automatic Transfer System	<u>\$180,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$180,000</u>
	Subtotal	\$690,000	\$205,000	\$620,000	\$335,000	\$350,000	\$2,200,000
Total		\$1,810,000	\$1,505,000	\$1,470,000	\$685,000	\$1,670,000	\$7,140,000

Wastewater Fund-Wolf Creek Wastewater Treatment Plant

Project:

Purchase of Second Tertiary Filter

Description:

This project provides for the installation of a second Tertiary Filter for the effluent. This filter would provide additional treatment of effluent from the secondary clarifier and be needed in times of high flow. It aids in removing fine solids and other material prior to UV treatment. The second filter will eventually be needed when Washington County begins discharging additional sewage to the plant (Sewer Agreement - April 2019).

Project:

Secondary Clarifiers Overhaul

Description:

This project provides for an overhaul of the secondary clarifiers. Overhauling the two secondary clarifiers would involve rebuilding the final drive, installing covers over the channels to prevent the build-up of algae and coating the concrete with an epoxy or sealant.

Project:

Replace Older Centrifuge

Description:

This project replaces the centrifuge and adds a sludge conveyor to support placement in case of roll-offs.

Project:

Aeration Basin and Primary Treatment Plumbing

Description:

This project replaces aeration blowers and diffusers within the system. This project will also improve the piping in the system as well.

Project:

Engineering Plans for Plant Upgrade

Description:

This project identifies funding in fiscal year 24/25 for the development of engineering plans for a plant upgrade. The process would be for the Town to hire an engineering firm to evaluate the plant for future capacity needs and begin planning for a final upgrade to 6.0 mgd. The plans would involve new aeration basins, second

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influent channel, vortex grit chamber, two turbo blowers for the aeration basins, new high-solids centrifuge, high-flow screening for equalization basin, new pumps in equalization basin, new heat exchanger, new primary clarifiers, break room renovation, SCADA upgrades, controls, electrical and plumbing.

Project:

Grease Holding Tank

Description:

This project will install a new 35,000-gallon mixing tank to hold the grease waste brought into the plant. The tank would be double-walled, heated, have mixer and alarm systems. The storage and mixing of grease would allow haulers to bring in more grease during the month and it can then be slowly metered into the digesters. The town currently has a 6000 gal. pit that is used for grease storage. It only has a mixer in the bottom. The grease is normally pumped to the digester within one-to-two days to free up the space in the pit.

Project:

Industrial Line Flow Meters

Description:

This project funds industrial line flow meters. With more industrial flow scheduled to be pumped to the wastewater plant located in the county, having flow meters installed is essential in tracking the flows from the industrial sites and various locations throughout the system. A total of four flow meters would be installed.

Project:

DO/ORP,PH Meter Replacement

Description:

Many units in the aeration system are not operable, this would provide better control and makes the system more energy efficient.

Project:

Ammonia Treatment Equipment

Description:

This project provides funding for ammonia treatment equipment. The EPA is in the process of amending the Fresh Water Ammonia Criteria for wastewater treatment plants. The new criteria would mean lower permit limits on ammonia. To meet and maintain these lower limits, the plant MAY need additional or new biological treatment equipment installed. This is still to be determined.

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Project:

Primary Digester Maintenance

Description:

This project provides funding to contract a company to clean out the primary digester by removing all of the solids, dewatering and hauling the solids to the compost hill, and disposing of in a roll-off for disposal at landfill. This maintenance is needed every seven years to keep the primary digester from becoming clogged with rags and grease.

Project:

SCADA Upgrades – Waster Water Treatment Plant

Description:

This project provides funding that will update the SCADA system for the plant. SCADA is the Supervisory Control and Data Acquisition and it allows the operators to monitor and control the plant via laptop and remote options. Funding is identified over the five-year capital improvement plan.

Project:

New Safety Equipment

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Description:

This project provides funding for the purchase of new safety equipment related to wastewater operations.

New safety equipment to purchase:

10' Safety Trench Box
12' Safety Trench Box
10' x 10' Manhole Box
Replace Lowboy Hauling Trailer

Project:

CCTV Crawler System

Description:

This project provides funding for the purchase of a new CCTV (Closed Circuit TV) Crawler System which is used to camera and video the sewer lines. The equipment is used for inspections of the sewer lines and to check for any leaks, blockages, etc. The current equipment is 19 years old.

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New CCTV systems with GPS and data uploading capabilities will help in updating ArcGIS system in the future. The purchase of a pole camera helps with MACP inspections and reduces any confined space safety issues.

Project:

Remote Trench Roller Compactor

Description:

The equipment is an ideal tool for confined space applications when the compacting of sewer lines is needed. The remote feature allows the unit to be operated without putting an employee in a dangerous situation.

Project:

Sewer Upgrades from Study

Description:

This project funds sewer upgrades necessary for future capacity needs. Funding is requested over the five-year capital improvement plan and is consistent with the upgrade plan. This project supports the Town's strategic goals.

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Project:

Wilson Pump Station Generator and Automatic Transfer System

Description:

This project provides funding to replace the current generator with a minimum 25 kW three-phase switch enclosure unit. With the upgraded systems, the generators will automatically transfer eliminating any overtime call outs.

Project:

SCADA Upgrades – Pump Stations

Description:

This project will install SCADA on the pump stations and would allow the Collections Department to remotely monitor and operate the pumps. This upgrade will provide the department to see real-time operations but be able to make the necessary changes, review and read alarms.

Project:

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Collection System Electrical

Description:

Repairs will need to be made at the pump stations to meet standards as required by the arc flash study and electrical codes. Also, SCADA will be installed to allow collection system personnel to monitor the station remotely.

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