



CAPITAL IMPROVEMENT PLAN

Background

The City of Johnson City's capital investment program is comprised of two parts: the Capital Improvement Plan (CIP) and the City's current capital projects. Together these represent the city's long-term investment in its facilities and infrastructure, which is broadly defined as the construction or acquisition of fixed assets such as roads, sidewalks, buildings, capital building maintenance, real estate, equipment, culverts, and pipes.

The CIP is a five-year roadmap for the funding of major purchases, construction and renovation projects, and land acquisitions. It is only a plan, not a funding or project authorization mechanism, and is intended to support the community's growth and quality of life through the following:

- Identifying all capital needs anticipated for five years
- Planning, scheduling and implementing capital projects
- Developing revenue plans and policies for funding planned projects
- Estimating the impact of capital projects on the operating budget
- Informing the public about proposed investments

Other routine expenditures such as paving and street resurfacing are not usually included in the CIP unless they represent a substantial investment of funds and are implemented over an extended period. Although these expenditures may be significant, most do not meet the capital project requirements and are more appropriately accounted for in the operating budget. An accurate assessment of these types of expenditures over a multi-year period is necessary for prudent fiscal planning.

The CIP presents an outline of how the City anticipates investing capital funds through project cost and cash flow estimates for a rolling five-year period. As the plan moves forward each year, one year of data is removed and another year is added. Expense and revenue estimates for previously included projects are also adjusted based on current information at the time.

DEVELOPING THE CAPITAL PLAN

The City's capital planning process is an annual effort that begins each fall with departments prioritizing requested projects. Projects originate from many sources including, but not limited to, the Board of Commissioners' Strategic Plan; adopted neighborhood, land use and master plans; staff analysis; resident requests; and community engagement. The City's Budget staff receives



CIP Memorandum

FY 2024 -2028

requests and works with departments to prepare expense and revenue estimates. Once all requests are received, they are reviewed and prioritized based on multiple factors including:

- Promoting the City Commission's four strategic priorities:
 - Economic Vitality
 - Quality of Place
 - Future Ready Infrastructure
 - Excellence in City Government
- Adherence to department goals and objectives
- Urgency of need
- Scope of service
- Community priority and impact
- Financial feasibility

The Budget Department works with the City Manager to develop the CIP, which is presented to the City Commission for review. The initial CIP is refined and projects to be funded in the new fiscal year are selected by the Commission during the budget process. Actual project ordinances are generally adopted by the Commission early in the fiscal year.

IMPLEMENTING THE CAPITAL IMPROVMENT PLAN

The first year of the five-year plan, fiscal year (FY) 2024, will be adopted by the Board of Commissioners during the budget process, while the remaining four years are provided as a plan. The inclusion of a project in those latter years does not guarantee future funding, as needs and priorities may change. This five-year CIP presents a plan for FY 2024 through FY 2028.

Each capital project must be approved by the City Commission. While the CIP includes descriptions of each project as well as financial data regarding planned expenditures and revenues, it does not authorize projects or appropriate funds for them.

Unlike the City's annual operating budget, the ordinances are authorized for the life of the project and do not need to be re-approved each year though they can be amended by the Commission if a project later exceeds the initial budget estimate or is completed under budget.

FUNDING THE CAPITAL IMPROVMENT PLAN



CIP Memorandum

FY 2024 -2028

City staff, including the City Manager and Assistant City Managers, work with the City Commission through a series of budget work sessions for an extensive review of the proposed budget, gathering feedback that informs the development of a draft budget. The draft budget is presented to City Commission for adoption on or before the first Tuesday of May. The City Commission must approve a balanced budget on three readings, one of which must include a public hearing for the community to provide comments, on or before June 30. Once adopted, the budget is in effect from July 1 through June 30.

Capital improvement projects are funded with various sources including the general fund, enterprise funds, debt instruments, and grants. Because the CIP is a plan and not a project authorization or funding process, there are projects in the plan that are not yet fully funded.

IMPACT OF CAPITAL IMPROVMENT ON THE ANNUAL OPERATING BUDGET

In addition to planning for the construction of new projects, the City must also plan for operating expenses related to new facilities proposed in the CIP. Additional personnel, equipment, and facility expenses will be required to operate the new facility. These anticipated expenses are not included on the CIP project pages but are accounted for in the upcoming fiscal year through the City's annual operating budget planning process.



JOHNSON CITY

T E N N E S S E E

CIP FY 2024-2028

EXPENDITURE SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Equipment	5,898	8,461	7,609	10,190	7,447	7,589	41,298
General Facilities	11,910	2,525	2,710	6,070	8,750	750	20,805
Parks & Recreation	17,916	595	1,325	2,574	940	2,200	7,634
Schools	8,641	2,165	2,380	1,300	-	-	5,845
Transportation	28,125	4,150	2,900	62,150	17,150	52,850	139,200
Utilities	41,033	45,500	32,185	26,500	30,725	10,235	145,145
TOTAL	\$113,523	\$63,397	\$49,109	\$108,784	\$65,012	\$73,624	\$359,928

FUNDING SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Economic Development Reserve	-	-	-	-	15,000	-	15,000
Federal - FTA	480	159	199	323	1,011	1,657	3,351
Federal - Grants, FWHA, and Safety-Lu	-	700	-	60,000	-	-	60,700
Fleet Management Fund	534	150	270	250	-	-	670
General Fund	4,767	5,506	8,807	8,107	6,278	5,732	34,432
General Obligation Bond Issue	26,000	-	-	6,570	8,350	2,650	17,570
General Obligation Bond Proceeds	17,841	2,500	-	-	-	-	2,500
Johnson City Schools	45	1,175	380	-	-	-	1,555
Other	27,606	7,221	4,434	749	1,251	50,679	64,335
PEP Bond Issue	-	-	-	1,300	-	-	1,300
PEP Bond Proceeds	2,000	-	-	-	-	-	0
Solid Waste Municipal Fund	531	897	1,455	3,115	896	475	6,840
Solid Waste Regional Fund	413	2,763	-	40	-	479	3,283
State - TDOT	894	22	417	28	89	146	704
Storm Water Fund	950	250	910	1,050	610	720	3,540
Water/Bond Proceeds	12,100	8,000	2,000	-	-	-	10,000
Water/Sewer Bond Issue	9,570	25,100	23,300	20,700	23,100	2,100	94,300
Water/Sewer Fund	9,789	8,950	6,935	6,550	8,425	8,985	39,845
TOTAL	\$113,523	\$63,397	\$49,109	\$108,784	\$65,012	\$73,624	\$359,928



JOHNSON CITY

T E N N E S S E E

EQUIPMENT

SUMMARY OF PROPOSED IMPROVEMENTS (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Communications and Marketing	40	-	-	-	-	-	0
Development Services	90	-	-	38	-	44	82
Facilities Management	53	-	60	65	-	-	125
Fire Department	271	884	803	857	941	259	3,745
Fleet Management	59	-	130	-	-	-	130
Freedom Hall Civic Center	18	60	30	-	-	-	90
Information Technology	-	355	100	1,200	250	200	2,105
Parks & Recreation	329	278	282	225	149	254	1,190
Police	1,146	1,162	1,103	1,057	1,055	983	5,360
Public Works	850	821	1,385	1,177	1,390	1,209	5,982
Public Works - Solid Waste	945	3,661	1,455	3,155	896	954	10,124
Public Works - Stormwater	250	250	610	550	110	220	1,740
Risk Management	-	34	-	-	-	-	34
Transit	570	204	900	1,115	1,855	2,615	6,689
Water/Sewer	1,276	750	750	750	800	850	3,900
TOTAL	\$5,898	\$8,461	\$7,609	\$10,190	\$7,447	\$7,589	\$41,298

FUNDING SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Federal - FTA	480	159	199	323	1,011	1,657	3,351
Fleet Management Fund	59	-	130	-	-	-	130
General Fund	2,696	3,486	4,312	4,033	4,388	3,682	19,903
General Obligation Bond Issue	-	-	-	1,200	-	-	1,200
Other	146	131	134	149	151	79	644
Solid Waste Municipal Fund	531	897	1,455	3,115	896	475	6,840
Solid Waste Regional Fund	413	2,763	-	40	-	479	3,283
State - TDOT	44	22	17	28	89	146	304
Storm Water Fund	250	250	610	550	110	220	1,740
Water/Sewer Fund	1,276	750	750	750	800	850	3,900
TOTAL	\$5,898	\$8,461	\$7,609	\$10,190	\$7,447	\$7,589	\$41,298

COMMUNICATIONS AND MARKETING EQUIPMENT

COMMUNICATIONS AND MARKETING

Truck with Trailer

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Truck with Trailer	40	-	-	-	-	-	0
TOTAL	\$40	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	40	-	-	-	-	-	0
TOTAL	\$40	-	-	-	-	-	\$0

DEVELOPMENT SERVICES NEW VEHICLE REQUESTS

DEVELOPMENT SERVICES

FY 2023 - Requesting a total of three vehicles, one being a new addition and two being a replacement of vehicles we will surplus. We will surplus the 2012 Ford Escape and we request a new Ford Escape. We will surplus 2007 Jeep Liberty and we request a new Ford Escape. We are requesting a new additional vehicle for the Department to use. With the addition of Community Development we are seeing a need for two vehicles in the Planning Department. We are requesting a new Ford Escape.

FY 2026 - Requesting a total of one new vehicle with the surplus of one. We are request a new Chevy or Ford truck and we will surplus a 2014 Ford F-150.

FY 2028 - Requesting a total of one new vehicle with the surplus of one vehicle. We request a new Chevy or Ford truck and we will surplus a 2016 Dodge Ram 1500.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Ford Escape	90	-	-	-	-	-	0
Chevy or Ford Truck	-	-	-	38	-	44	82
TOTAL	\$90	-	-	\$38	-	\$44	\$82

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	90	-	-	38	-	44	82
TOTAL	\$90	-	-	\$38	-	\$44	\$82

FACILITIES MANAGEMENT EQUIPMENT REPLACEMENT

FACILITIES MANAGEMENT

FY 2023 - Replace existing 2007 Ford E250 work van, which has reached its life expectancy, with a new work van. Actual Cost \$52,359.

FY 2025 - Replace existing 2010 Ford E250 work van, which will reach its life expectancy, with a new work van. Estimated Cost \$60,000.

FY 2026 - Add one additional Ford E250 work van to accommodate additional personnel in the department. Estimated Cost \$65,000.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Work Van	53	-	60	65	-	-	125
TOTAL	\$53	-	\$60	\$65	-	-	\$125

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	53	-	60	65	-	-	125
TOTAL	\$53	-	\$60	\$65	-	-	\$125

FIRE DEPARTMENT EQUIPMENT

FIRE DEPARTMENT

FY 24 - Replace 1 Class A Pumper 2002 Pierce Contender (E7) & equipment package (Delivery Dec 2023.) Replace 2 administrative vehicles: 2008 Chevy Impala (high mileage will go to surplus) and 2011 Chevy Impala (high mileage will go to the reserve status.) Replace 2 gear washers. Replace 10 Scott Air Packs. Replace 3 thermal imaging cameras.

FY 25 - Replace 1 Class A Pumper 2007 Sutphen Shield (E5) & equipment package (Delivery Dec 2026.) Replace 2 Gear Washers. Replace 3 thermal imaging cameras. Replace 10 Scott Air Packs.

FY 26 - 1 Class A Pumper for new Station 10 & equipment package (Delivery Dec 2027.) Replace Rescue Extrication Equipment. Replace 2 Gear Washers. Replace 3 thermal imaging cameras. Replace 10 Scott Air Packs.

FY 27 - Replace 1 Class A Pumper 2009 Sutphen Shield (E1) & equipment package (Delivery Dec 2028.) Replacement of Station 7 Breathing Air Compressors. Replace 2 gear washers Replace Rescue Extrication Equipment. Replace 3 thermal imaging cameras. Replace 10 Scott Air Packs.

FY 28 - 1 Fire Prevention Officer Vehicle (New Position.) Replace Rescue Extrication Equipment. Replace 2 gear washers. Replace 3 thermal imaging cameras. Replace 10 Scott Air Packs

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Administrative Vehicles	120	94	-	-	-	-	94
Extrication Equipment	37	-	-	-	-	42	42
Fire Truck - Pumper	-	640	650	660	675	-	2,625
Air Packs	85	90	91	92	93	94	460
Thermal Imaging Cameras	29	30	31	33	33	34	162
Gear Washer	-	30	31	-	-	-	61
Rescue Extrication Equipment	-	-	-	40	41	-	81
Gear Washers	-	-	-	32	33	34	99
Breathing Air Compressors	-	-	-	-	66	-	66
Fire Prevention Officer Vehicle	-	-	-	-	-	55	55
TOTAL	\$271	\$884	\$803	\$857	\$941	\$259	\$3,745

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	271	884	803	857	941	259	3,745
TOTAL	\$271	\$884	\$803	\$857	\$941	\$259	\$3,745

FLEET MANAGEMENT EQUIPMENT

FLEET MANAGEMENT

FY 2025 - Replace 2008 1 ton service truck with 1 1/2 ton service truck (\$130,000)

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
1 1/2 Ton Service Truck	-	-	130	-	-	-	130
Tire Balancer	25	-	-	-	-	-	0
Hybrid Car	34	-	-	-	-	-	0
TOTAL	\$59	-	\$130	-	-	-	\$130

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Fleet Management Fund	59	-	130	-	-	-	130
TOTAL	\$59	-	\$130	-	-	-	\$130

FREEDOM HALL EQUIPMENT

FREEDOM HALL CIVIC CENTER

FY 2024 - Work Truck Replacement - New or used - Stake bed truck or truck with lift gate for moving a material outside the venue (ie garbage, parking barricade, or rebar for marking of parking lots for the 4th, or staging). Current truck is 1989 and is rusting out at the doors. Seat is tapped together for a covering. Snow plow capable would be helpful.

FY 2025 - NISSAN Forklift replacement - NISSAN forklift is in need of replacement. it is a 70's model and does not have a lot of the safety functions for today's needs.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
NISSAN Forklift replacement	-	-	30	-	-	-	30
Work Truck Replacement	-	60	-	-	-	-	60
Floor Scrubber	18	-	-	-	-	-	0
TOTAL	\$18	\$60	\$30	-	-	-	\$90

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	18	60	30	-	-	-	90
TOTAL	\$18	\$60	\$30	-	-	-	\$90

INFORMATION TECHNOLOGY EQUIPMENT

INFORMATION TECHNOLOGY

FY 24 - Replace Firehouse Software

FY 24 & 27 - Voice [VoIP] System/Servers/Informacast/Emergency Responder

FY 24 & 28 - Security and Disaster Recovery (Network Security, CYBER security, firewall, perimeter, and internal risk mitigation, security compliance)

FY 25 & 27 - Network & Wireless Systems upgrades

FY 26 - SAN Replacement (HP Simplivity SAN, 130 TB)

FY 26 - Replace all the data center switches throughout the city

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
VoIP Systems	-	100	-	-	100	-	200
Security & Disaster Recovery	-	200	-	-	-	200	400
Network & Wireless Systems	-	-	100	-	150	-	250
Software Replacement	-	55	-	-	-	-	55
SAN System	-	-	-	900	-	-	900
Data Center Switches	-	-	-	300	-	-	300
TOTAL	-	\$355	\$100	\$1,200	\$250	\$200	\$2,105

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	355	100	-	250	200	905
General Obligation Bond Issue	-	-	-	1,200	-	-	1,200
TOTAL	-	\$355	\$100	\$1,200	\$250	\$200	\$2,105

GOLF EQUIPMENT

PARKS & RECREATION

FY 2024 - Five-unit tow-behind rotary gang mower (replaces 2009 model) - \$20,000 This is the primary rough mower for Pine Oaks, which is pulled behind a tractor. The current unit is 13 years old and experiencing a lot of repairs to keep it running. Three-point hitch fairway verticutter (new) - \$15,000 This machine would "slice" the fairway turf and allow us to spread bermuda-grass sprigs, which would help the overall quality of the golf course. (1) Small Utility Vehicle (new) - \$22,000 These vehicles would come with a dump/cargo bed, and allow is to haul maintenance items more efficiently. The maintenance carts we currently use are old golf carts (2009 models) that were transferred from Buffalo Valley's closing. These current carts only have golf bag racks instead of cargo beds.

FY 2025 - Self-contained fairway mower (NEW) - \$72,000 This new machine would allow us to have two fairway mowing units instead of one. Two units would allow us to mow all of the fairways during the morning hours without getting caught by golfing patrons.

FY 2026 - Riding Greens Mower with verticut accessory (replaces 2009 model) - \$62,000 This would replace a mower that is 13 years old, that has poor cutting quality. We have a 2021 model, but we need two units to be able to get everything mowed prior to early morning tournaments.

FY 2027 - Utility Truckster with dump bed (NEW) - \$28,000 This machine has a hydraulic PTO which would allow us to have a dedicated unit for our sand topdresser to mount on. It would also be used in construction projects.

FY 2028 - Tractor (replaces 1996 model - Buffalo Valley) - \$45,000 This would replace the 30 year-old tractor (age at time of replacement) that we currently use to mow the Buffalo Valley property. Five-unit tow-behind rotary gang mower (replaces a 2012 model - Buffalo Valley) - \$20,000 This would replace the the 15 year old at machine (age at replacement) unit that we currently use to mow the Buffalo Valley property. Trailer 12' (NEW) - \$8,000 We often need a trailer to haul equipment to Buffalo Valley in the case of breakdowns. We currently borrow a trailer from Park Services when that occurs, creating extra driving time and man-hours.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Three-Point Hitch Fairway Verticutter	-	-	15	-	-	-	15
Small Utility Vehicles	-	22	-	-	-	-	22
Semi-Contained Fairway Mower	-	-	65	-	-	-	65
Riding Greens Mower	-	-	-	62	-	-	62
Five-Unit Tow-Behind Rotary Gang Mower	-	20	-	-	-	20	40
Utility Truckster	-	-	-	-	21	-	21
Tractor	-	-	-	-	-	45	45
12' Trailer	-	-	-	-	-	8	8
TOTAL	-	\$42	\$80	\$62	\$21	\$73	\$278

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	42	80	62	21	73	278
TOTAL	-	\$42	\$80	\$62	\$21	\$73	\$278

P&R - EQUIPMENT

PARKS & RECREATION

FY 24: - 3/4 Ton Pick-up 4wd - Repl 2000 ¾ Ton Pickup truck - poor cond. \$48,000
 - 1 Ton Pickup 4dr 4wd - Repl 2002 F350 Dually - poor cond. \$62,000
 - Three (3) - 72" 35hp Zero Turn Mowers - repl - Locations: Liberty Bell Complex/Mowing Crew/Winged Deer Park \$46,350
 - Two (2) - Toro 2030 Infield Groomer - repl- Locations: Liberty Bell Complex/Winged Deer Park \$30,216
 - LitterKat - new - Winged Deer Park \$8,950
 - Stand On Spreader Sprayer - new - Mowing Crew \$12,350
 - Small SUV - repl - 1998 Ford Taurus (out of service) \$30,000

FY 25: - Staff Car - repl of the 2006 Malibu staff car for Park Services \$30,000
 - 1/2 Ton Pick-up with Lift Gate-Repl- 2013 ½ Ton Pickup with lift gate-poor cond. \$40,000
 - Two (2) 1/2 Ton Pick Up - repl - 2006 Colorado that was totaled; repl of 2006 Colorado for surplus \$80,000
 - Two (2) 72" hp Zero Turn Mowers - repl - locations: Willow Springs Park/Kiwanis Park \$30,900
 - Utility Cart - repl - 2012 Gator at Winged Deer Park \$11,350
 - Front End Loader for Tractor - new -Winged Deer Park - currently do not have one. \$8,750

FY 26: - 3/4 Ton Pick-up Truck with Dump Bed - repl - 1998 ¾ Ton Pickup with Dump Bed is out of service \$60,000
 - Staff Car - repl 2007 staff car - Malibu - Athletics \$32,000
 - Two (2) - 1/2 Ton Pick-up Truck - repl - 2011 ½ Ton Pickup - poor cond \$43,000
 - Utility Cart - repl - 2012 Gator with Utility Cart at Liberty Bell Complex \$11,350
 - 72" hp Zero Turn Mowers - repl - 2011 Zero Turn Mower - Winged Deer Park; \$16,800

FY 27: - Two (2) - Staff Car - repl - (2) 2008 Toyota Prius staff cars - Administration \$70,000
 - 1/2 Ton Pick-up Truck 4wd - repl - 2011 ½ Ton Pickup in poor cond \$47,000
 - Two (2) 72" 35hp Zero Turn Mowers - repl - locations: Winged Deer Park and Liberty Bell Complex \$35,200
 - Utility Cart - new - Willow Springs Park \$11,350

FY 28: - Two (2) - 1/2 Ton Pick-up Trucks - repl -1999 ½ ton pickup that is out of service for Nature; repl of 2005 ½ Ton Pickup - poor cond for Kiwanis Park \$101,000
 - Staff Car - repl - 2006 Malibu - at MPCC \$37,500
 - Two (2) 72" 35hp Zero Turn Mowers - repl - locations: Mowing Crew and Winged Deer Park \$30,900
 - Stand on Spreader Sprayer - repl - 2016 stand on spreader sprayer \$12,350

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
3/4 Ton Pick-up(s)	-	48	-	60	-	-	108
1 Ton Pickup 4dr 4wd	45	62	-	-	-	-	62
1/2 Ton Pick-up(s)	55	-	120	43	47	101	311
Zero Turn Mower(s)	104	30	32	17	-	31	110
Infield Groomer	-	45	-	-	-	-	45
LitterKat	-	9	-	-	-	-	9
Spreader Sprayer	10	12	-	-	-	12	24

Small SUV	-	30	-	-	-	-	30
Staff Car(s) - Malibu	-	-	30	32	70	37	169
Utility Cart(s)	10	-	11	11	11	-	34
Front End Loader	-	-	9	-	-	-	9
Triplex Mower	36	-	-	-	-	-	0
Turbine Blower	7	-	-	-	-	-	0
Soccer Goals	25	-	-	-	-	-	0
Public Address Sysytem	20	-	-	-	-	-	0
Walk-In Refrigerator	9	-	-	-	-	-	0
Floor Scrubber	7	-	-	-	-	-	0
TOTAL	\$329	\$236	\$202	\$163	\$128	\$181	\$912

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	329	236	202	163	128	181	912
TOTAL	\$329	\$236	\$202	\$163	\$128	\$181	\$912

POLICE DEPARTMENT VEHICLE AND EQUIPMENT REPLACEMENT

POLICE

FY 2023 - 20 total requested vehicles: Seventeen (17) marked police cruisers, one (1) marked canine cruiser and two (2) unmarked police sedans. These replacements will eliminate all 2013 models, some 2014 models and two 2006 Chevrolet Impalas (8 Patrol/SRO vehicles 10+ years).

FY 2024 - 20 total requested vehicles: Seventeen (17) marked police cruisers, one (1) marked canine cruiser and two (2) unmarked police sedans. These replacements will eliminate remaining 2014 Chevrolet Impalas, four 2008/2011 Impalas and a portion of the 2016 models.

FY 2024 - Office Furniture for Criminal Investigations Division: An additional wing was constructed in 2000 to house CID who are still utilizing the same office furniture purchased new at that time. Wear, tear and damage are prominent.

FY 2025 - 17 total requested vehicles: Fourteen (14) marked police cruisers, one (1) marked canine cruiser and two (2) unmarked police sedans. These replacements will eliminate the remaining 2016 Chevrolet Impalas, five 2012/2013/2014 Impalas and two 2017 Ford Interceptors. All Chevrolet Impalas will be gone from the fleet.

FY 2025 - Firearms Training Simulator: The Department purchased a training simulator 15+ years ago that is no longer properly supported due to technology advancements. The current system cannot be updated and will need to be replaced entirely.

FY 2026 - 18 total requested vehicles: Fifteen (15) marked police cruisers, one (1) marked canine cruiser and two (2) unmarked police sedans. These replacements will eliminate the remaining 2017 Ford Interceptors and two 2018 Ford Interceptors (9 Patrol vehicles with 8+ years).

FY 2027 - 18 total requested vehicles: Fifteen (15) marked police cruisers, one (1) marked canine cruiser and two (2) unmarked police sedans. These replacements will eliminate the remaining 2018 Ford Interceptors and one 2019 Ford Interceptor (8 Patrol vehicles with 8+ years).

FY 2028 - 17 total requested vehicles: Fifteen (15) marked police cruisers and two (2) unmarked police sedans. These replacements will eliminate the remaining 2019 fleet.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
17 SUV Police Interceptors at \$56,791.00/each	965	965	-	-	-	-	965
1 Canine Police Interceptor at \$56,791.00	57	57	-	-	-	-	57
2 Unmarked Sedans at \$37,000.00/each	74	74	-	-	-	-	74
1 EOD Firing Device at \$34,580.00	35	-	-	-	-	-	0
1 Police Canine at \$15,000.00	15	-	-	15	15	-	30
EOD X-Ray System	-	25	-	-	-	-	25
Office Furniture for Criminal Investigations Division at \$40,500.00/set	-	41	-	-	-	-	41
14 SUV Police Interceptors at \$58,495.00/each	-	-	819	-	-	-	819
1 Canine Police Interceptor at \$58,459.00	-	-	58	-	-	-	58
2 Unmarked Sedans at \$38,110.00/each	-	-	76	76	-	-	152
15 SUV Police Interceptors at \$58,495.00/each	-	-	-	877	-	-	877
1 Canine Police Interceptor at \$58,495.00	-	-	-	58	-	-	58
1 Bomb Suit at \$30,000.00	-	-	-	30	-	-	30
15 SUV Police Interceptors at \$60,250.00/each	-	-	-	-	904	904	1,808
1 Canine Police Interceptor at \$60,250.00	-	-	-	-	57	-	57
2 Unmarked Sedans at \$39,253.00/each	-	-	-	-	79	79	158
Firearms Training Simulator	-	-	150	-	-	-	150
TOTAL	\$1,146	\$1,162	\$1,103	\$1,057	\$1,055	\$983	\$5,360

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	1,000	1,031	969	907	904	904	4,715
Police Drug Fund	146	131	134	149	151	79	644
TOTAL	\$1,146	\$1,162	\$1,103	\$1,057	\$1,055	\$983	\$5,360

PUBLIC WORKS - ENGINEERING, STREET, TRAFFIC EQUIPMENT

PUBLIC WORKS

FY 2024 - Replacements: 2007 1 Ton Utility Truck - 83950 (Traffic) \$85,000. 1999 Jeep Cherokee - 83860 (Traffic) \$30,000. 2007 Tandem Dump Truck - 83706 - (Construction) \$250,000. 2001 Skid Steer - 83901 (Asphalt) \$95,000. 2000 S/A Dump Truck - 83867 (Asphalt) \$175,000. 2006 4 door Mid-Size Truck (82629) \$40,000. 2000 Ford Excursion - 83869 (Engineering) \$60,000. 1997 1-Ton Utility Truck - 83833 (Concrete) \$85,000.

FY 2025 - Replacements: 1998 Paint Truck - 82641 (Traffic) \$325,000. 2007 1-ton utility - 83953 (Concrete) \$85,000. 2005 Asphalt Patch Truck - 83709 (Asphalt) \$300,000. 1988 Motor Grader - 83676 (Construction) \$480,000. 1989 Mowing Tractor - 83716 (ROW) \$100,000. 1996 Skid Steer - 83637 (Landscaping) \$95,000.

FY 2026 - Replacements: 1995 Concrete Curb Machine - 83820 (Concrete) \$550,000. 2001 Jeep Cherokee - 83889 (Engineering) \$42,000. 1986 Track Loader - 83023 (Construction) \$300,000. 2001 1-Ton Pickup - 87343 (Traffic) \$70,000. 2007 1-Ton Utility - 83953 (Concrete) \$90,000. 2011 1-Ton Ex Cab Utility - 83197 (Construction) \$95,000. 1988 Mowing Tractor - 83722 (ROW) \$100,000.

FY 2027 - Replacements: 2007 S/A Dump Truck - 83705 (Asphalt) \$200,000. 2007 Backhoe - 83765 (Asphalt) \$200,000. 1995 Sweeper - 83810 (ROW) \$400,000. 2007 1-Ton Utility - 83962 (Concrete) \$90,000. 1999 Gradall Excavator - 83846 (Construction) \$500,000 .

FY 2028 - Replacements: 1992 Mowing Tractor - 83763 (ROW) \$120,000. 2008 Patch Truck - 83969 (Asphalt) \$325,000. 2010 Pickup w/ Snow Equipment - (Asphalt) \$78,000. 2002 Message Board - 83907 (Traffic) \$25,000. Message Board 83908 (Traffic) - \$25,000. 1990 Arrow Board - 83806 (Traffic) \$10,000. 2010 S/A Dump Truck - 83534 (Asphalt) \$220,000. 2010 S/A Dump Truck - 83532 (Concrete) \$220,000. 2011 1-Ton Diesel 4X4 W/ Salt Equipment (Landscape) \$88,000. 2011 1-Ton Diesel 4X4 W/ Salt Equipment (ROW) \$88,000.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
S/A Dump Truck	350	175	-	-	200	440	815
1-Ton Diesel 4X4 W/ Salt Equipment	-	-	-	-	-	176	176
Large SUV	-	60	-	-	-	-	60
Asphalt Patch Truck	-	-	300	-	-	325	625
Motor Grader	-	-	480	-	-	-	480
Skid Steer	-	95	95	-	-	-	190
Jeep Cherokee	-	-	-	42	-	-	42
Track Loader	-	-	-	300	-	-	300
1-Ton Utility Truck	-	170	85	185	90	-	530
Mowing Tractor	-	-	100	100	-	120	320
Backhoe	-	-	-	-	200	-	200
Sweeper	-	-	-	-	400	-	400
Small SUV	-	30	-	-	-	-	30
Tandem Dump Truck	250	250	-	-	-	-	250
Excavator	-	-	-	-	500	-	500
Pickup Truck w/ Snow Equipment	-	-	-	-	-	78	78
Message Board	-	-	-	-	-	50	50
Arrow Board	-	-	-	-	-	20	20
Mid-Size SUV	-	41	-	-	-	-	41

Paint Truck	-	-	325	-	-	-	325
Concrete Curb Machine	-	-	-	550	-	-	550
Thermo Applicator	25	-	-	-	-	-	0
GPS Rover/Receiver	30	-	-	-	-	-	0
Video Surveillance Cameras	75	-	-	-	-	-	0
3/4 Ton Trucks	120	-	-	-	-	-	0
TOTAL	\$850	\$821	\$1,385	\$1,177	\$1,390	\$1,209	\$5,982

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	850	821	1,385	1,177	1,390	1,209	5,982
TOTAL	\$850	\$821	\$1,385	\$1,177	\$1,390	\$1,209	\$5,982

SOLID WASTE EQUIPMENT REPLACEMENT - REGIONAL FUND

PUBLIC WORKS - SOLID WASTE

Capital Equipment for replacement for Solid Waste. No debt service will be required to cover expenditures.

2023 - Replacement of 1 automated side loading garbage truck for curbside waste in the regional collection area outside of Johnson City. Cost to be \$413,378.00

2024 - Replacement of 5 automated side loading garbage trucks for curbside waste collection in the regional collection area outside City of Johnson City. Estimated cost per unit of \$425,779.00 per unit. Units replaced will be sold as surplus due to age and miles

2024 - Replacement of 1 front loader for commercial waste collection in the regional collection area outside City of Johnson City. Estimated cost per unit of \$415,000.00. Unit replaced will be sold as surplus due to age and miles

2024 - Replacement of 1 rear loader used to collect commercial and residential waste. Estimated cost per unit \$220,100. Unit replaced will be sold as surplus due to age and miles

2026 - Replacement of Ford F 150 pickup. Estimated cost per unit \$40,600. 00. Current unit is year 2016 and will be sold as surplus due to age and miles.

2028 - Replacement of 1 automated front loader for commercial waste collection in the regional collection area outside City of Johnson City. Estimated cost per unit of \$479,200.00. Unit replaced will be sold as surplus due to age and miles

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Automated Side Loaders -5	-	2,128	-	-	-	-	2,128
Commercial Front Loader	-	415	-	-	-	-	415
Rear Loader	-	220	-	-	-	-	220
Ford F-150	-	-	-	40	-	-	40
Automated Front Loader	-	-	-	-	-	479	479
Automated Curbside Vehicle	413	-	-	-	-	-	0
TOTAL	\$413	\$2,763	-	\$40	-	\$479	\$3,283

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Solid Waste Regional Fund	413	2,763	-	40	-	479	3,283
TOTAL	\$413	\$2,763	-	\$40	-	\$479	\$3,283

SOLID WASTE EQUIPMENT REPLACEMENT - SOLID WASTE MUNICIPAL FUND

PUBLIC WORKS - SOLID WASTE

Capital Equipment for replacement at Solid Waste. No debt service will be required to cover expenditures. All replaced units will be sold as surplus due to age, miles or hours.

2023 - 1 addition to fleet due to increased workload and 1 replacement vehicle for vehicle declared total loss. Total cost \$431,742.00 dollars

2023 - Truck parking lot pavement. Cost \$100,00.00

2024 - Replace 2 Front loaders used for commercial waste collection in the City of Johnson City Solid Waste System. Expected cost to be \$427,450.00 per unit.

2024 - Replace 4x4 pickup truck. Expected replacement cost of \$43,000.00.

2025 - Replace 3 Front loaders used for commercial waste and cardboard collection in the City of Johnson City Solid Waste System. Expected cost to be \$440,273.00 per unit.

2025 - Replace Fork Lift used in recycle warehouse. expected cost to be \$40,000.00.

2025 - Replace 1 leaf machine used for collections of leaves in City of Johnson City leaf collection program. Expected cost is \$95,000.00 per unit.

2026 - Replace 5 automated side loaders used to collect residential waste inside the City of Johnson City. Expected cost to be \$451,700 per unit.

2026 - Replace 2 roll off trucks used to collect roll off dumpsters inside Washington County. Expected cost is \$236,000 per unit.

2026 - Replace 1 4x4 flatbed truck used in recycling operations. Expected cost to be \$100,000.

2026 - Replace 1 curbside recycle truck used to collect recycling from City of Johnson City residential curbside recycling program. Expected cost to be \$285,000 per unit.

2027 - Replace 1 Front loader used for commercial waste collection in the City of Johnson City Solid Waste System. Expected cost to be \$467,086.00 per unit.

2027 - Replace 1 roll off truck used to collect roll off dumpsters inside Washington County. Expected cost is \$243,000 per unit.

2027 - Replace skid steer used in recycling transfer station. Expected cost is expected to be \$86,000.00 per unit.

2027 - Replace 1 leaf machine used for collection of leaves in City of Johnson City leaf collection program. Expected cost is \$100,700.00 per unit.

2028 - Replace 1 roll off truck used to collect roll off dumpsters inside Washington County. Expected cost is \$250,000 per unit.

2028 - Replace 1 single axle roll off truck used to collect roll off dumpsters inside Washington County. Truck is utilized on safety sensitive job sites where space is limited. Expected cost is \$225,000 per unit.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Roll off addition and replacement	431	-	-	-	-	-	0
Truck parking lot pavement	100	-	-	-	-	-	0
Commercial Front Loader (2)	-	854	-	-	-	-	854
4x4 pickup	-	43	-	-	-	-	43
Commercial Front Loader (3)	-	-	1,320	-	-	-	1,320
Fork Lift	-	-	40	-	-	-	40
Leaf Machine	-	-	95	-	100	-	195
Automated Side Loaders	-	-	-	2,258	-	-	2,258
Roll off truck (2)	-	-	-	471	-	-	471
Flat Bed	-	-	-	100	-	-	100
Curbside Recycle Truck	-	-	-	285	-	-	285
Commercial Front Loader	-	-	-	-	467	-	467
Roll off truck	-	-	-	-	243	250	493
Skid Steer	-	-	-	-	86	-	86
Single Axle roll of truck	-	-	-	-	-	225	225
TOTAL	\$531	\$897	\$1,455	\$3,115	\$896	\$475	\$6,840

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Solid Waste Municipal Fund	531	897	1,455	3,115	896	475	6,840
TOTAL	\$531	\$897	\$1,455	\$3,115	\$896	\$475	\$6,840

PUBLIC WORKS - STORMWATER EQUIPMENT

PUBLIC WORKS - STORMWATER

FY 2024 - Replacement: 2009 Tandem Axle Dump Truck - 83965 (Stormwater) \$250,000.
2008 Utility Truck - 83961 (Stormwater) \$85,000.

FY 2025 - Replacement: 2008 Gradall Excavator - 83967 (Stormwater) \$525,000.

FY 2026 - Replacement: 2009 Vacuum/Flusher Truck - 83743 (Stormwater) \$550,000.

FY 2027 - Replacement: 2010 Skid Steer - 84301 (Stormwater) \$80,000.

FY 2028 - Replacement: 2010 S/A Dump Truck - 83533 (Stormwater) \$220,000.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Dump Truck	250	250	-	-	-	220	470
Utility Truck	-	-	85	-	-	-	85
Excavator	-	-	525	-	-	-	525
Vacuum/Flusher Truck	-	-	-	550	-	-	550
Skid Steer	-	-	-	-	110	-	110
TOTAL	\$250	\$250	\$610	\$550	\$110	\$220	\$1,740

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Storm Water Fund	250	250	610	550	110	220	1,740
TOTAL	\$250	\$250	\$610	\$550	\$110	\$220	\$1,740

RISK MANAGEMENT VEHICLE REQUEST

RISK MANAGEMENT

Proposed purchase of a SUV as a replacement for the 2006 Chevrolet Impala currently utilized by the department. The Impala has inadequate cargo space to safely accommodate training equipment and materials transported for safety training presentations. The Impala is in fair condition, still has useful life, and could be transferred to another department.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Vehicle	-	34	-	-	-	-	34
TOTAL	-	\$34	-	-	-	-	\$34

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	34	-	-	-	-	34
TOTAL	-	\$34	-	-	-	-	\$34

ELECTRONIC FARE CARD SYSTEM

TRANSIT

Purchase and install a kiosk-style payment system at the transit center. This would allow passengers to purchase/reload monthly, daily, and other transit passes electronically. This project was in the FY 22 budget and CIP. Due to shortages and other issues, it was pushed to FY 23. All federal, state and local funds have been approved. Total federal, state, and local costs are \$75,000.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Electronic Fare Card System	75	-	-	-	-	-	0
TOTAL	\$75	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Federal - FTA	60	-	-	-	-	-	0
State - TDOT	7	-	-	-	-	-	0
General Fund	7	-	-	-	-	-	0
TOTAL	\$75	-	-	-	-	-	\$0

FIXED ROUTE BUSES (APPROX. 30 FT.) REPLACEMENT

TRANSIT

Replace mass transit buses that have met useful FTA life.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Fixed Route bus replacement (approx. 30 ft.) Replace two medium-duty 16 + 2 cutaway buses.	-	-	-	190	-	-	190
Fixed Route buses (approx. 30 ft.) Replace 5 medium-duty 18+2 cutaway buses.	-	-	-	-	1,000	-	1,000
Fixed Route bus replacement (approx. 30 ft.) Replace 3 heavy-duty 24 +2 buses and 3 medium-duty 18 +2 buses.	-	-	-	-	-	1,950	1,950
TOTAL	-	-	-	\$190	\$1,000	\$1,950	\$3,140

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Federal - FTA	-	-	-	161	850	1,657	2,669
State - TDOT	-	-	-	14	75	146	235
General Fund	-	-	-	14	75	146	235
TOTAL	-	-	-	\$190	\$1,000	\$1,950	\$3,140

PARATRANSIT CUTAWAY BUS REPLACEMENT (<30FT)

TRANSIT

Replace cutaway buses that have met useful life. These buses are 8 passengers with 2 wheelchair stations. We have been unable to order these for the past 1.5 years due to shortages and manufacturers not taking any new orders. We received word that some manufacturers are taking orders at this time for FY 23. All federal, state, and local funds have been budgeted and approved.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Paratransit Cutaway Buses (<30ft) Replacement	-	-	95	190	190	-	475
Paratransit Cutaway Buses (<30ft) Replacement. Replace two 8+2 cutaway buses and one 12 + 3 cutaway bus.	285	-	-	-	-	-	0
TOTAL	\$285	-	\$95	\$190	\$190	-	\$475

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
State - TDOT	21	-	7	14	14	-	35
General Fund	21	-	7	14	14	-	35
Federal - FTA	242	-	80	161	161	-	403
TOTAL	\$285	-	\$95	\$190	\$190	-	\$475

PARATRANSIT VEHICLES REPLACEMENT VANS (<30 FT)

TRANSIT

Replace minivans that have met FTA useful life. The manufacturers of these vans were not taking any orders during 2021 and most of 2022. We received word that orders are now being accepted. So we anticipate being able to order and receive these replacement vans during FY 2023. All funds have been approved and are in the budget.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Paratransit Vehicles (<30 ft. vans) Replacement. Replace three light-duty minivans.	210	-	-	-	-	-	0
Paratransit minivan (<30 ft. vans) Replacement	-	79	140	-	-	-	219
TOTAL	\$210	\$79	\$140	-	-	-	\$219

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Federal - FTA	178	59	119	-	-	-	178
State - TDOT	15	10	10	-	-	-	20
General Fund	15	10	10	-	-	-	20
TOTAL	\$210	\$79	\$140	-	-	-	\$219

REPLACE OLDER ONBOARD CAMERA AND DVR SYSTEMS.

TRANSIT

Replace some of the older onboard camera and DVR systems. We will replace systems that met useful life on fixed-route and paratransit vehicles. This project was programmed in the FY 23 budget and CIP but has been moved to FY 24 due to other projects being behind. All federal, state and local funds have been approved. Total cost \$125,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
On-board camera/DVR replacement	-	125	-	-	-	-	125
TOTAL	-	\$125	-	-	-	-	\$125

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Federal - FTA	-	100	-	-	-	-	100
State - TDOT	-	12	-	-	-	-	12
General Fund	-	12	-	-	-	-	12
TOTAL	-	\$125	-	-	-	-	\$125

**STUDENT TRANSPORTATION - LARGE SCHOOL BUS
REPLACEMENT**

TRANSIT

Continue annual replacement plan to ensure buses are replaced according to federal and state regulations.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Student Transportation - Large School Bus Replacement	-	-	525	525	525	525	2,100
TOTAL	-	-	\$525	\$525	\$525	\$525	\$2,100

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	525	525	525	525	2,100
TOTAL	-	-	\$525	\$525	\$525	\$525	\$2,100

**STUDENT TRANSPORTATION - SMALL SCHOOL BUS
REPLACEMENT**

TRANSIT

Continue annual replacement plan to ensure buses are replaced according to federal and state regulations.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Student Transportation - Small School Bus Replacement	-	-	140	210	140	140	630
TOTAL	-	-	\$140	\$210	\$140	\$140	\$630

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	140	210	140	140	630
TOTAL	-	-	\$140	\$210	\$140	\$140	\$630

WATER/SEWER FLEET AND EQUIPMENT REPLACEMENT

WATER/SEWER

Replacement and additions to the fleet and equipment as necessary to provide adequate service. The specific equipment list to be replaced or added is determined annually.

FY23:

Single Axle Dump Truck (2)	\$190,000
Trailers (3)	\$189,000
Extended Cab, 4WD Pick-up (5)	\$177,000
Pick-up Truck (7)	\$204,000
Mid-size SUV 4WD	\$32,500
Tri-Axle Dump Truck (2)	\$320,000
Forklift	\$65,000
Benchtop Spectrophotometer	\$5,500
Plant UTV	\$15,000
Skid Steer Loader	\$78,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Equipment	1,276	750	750	750	800	850	3,900
TOTAL	\$1,276	\$750	\$750	\$750	\$800	\$850	\$3,900

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	1,276	750	750	750	800	850	3,900
TOTAL	\$1,276	\$750	\$750	\$750	\$800	\$850	\$3,900



JOHNSON CITY

T E N N E S S E E

GENERAL FACILITIES

SUMMARY OF PROPOSED IMPROVEMENTS (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Facilities Management	1,685	1,000	30	550	300	-	1,880
Fire Department	8,500	75	1,550	4,200	5,450	-	11,275
Fleet Management	475	150	140	250	-	-	540
Freedom Hall Civic Center	550	60	140	520	2,500	250	3,470
Johnson City Public Library	-	40	50	50	-	-	140
Public Works - Stormwater	700	1,200	300	500	500	500	3,000
Transit	-	-	500	-	-	-	500
TOTAL	\$11,910	\$2,525	\$2,710	\$6,070	\$8,750	\$750	\$20,805

FUNDING SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Fleet Management Fund	475	150	140	250	-	-	540
General Fund	1,235	1,175	1,870	450	-	-	3,495
General Obligation Bond Issue	1,000	-	-	4,870	8,250	250	13,370
Other	8,500	1,200	-	-	-	-	1,200
State - TDOT	-	-	400	-	-	-	400
Storm Water Fund	700	-	300	500	500	500	1,800
TOTAL	\$11,910	\$2,525	\$2,710	\$6,070	\$8,750	\$750	\$20,805

FACILITY IMPROVEMENT - DOWNTOWN IMPROVEMENTS

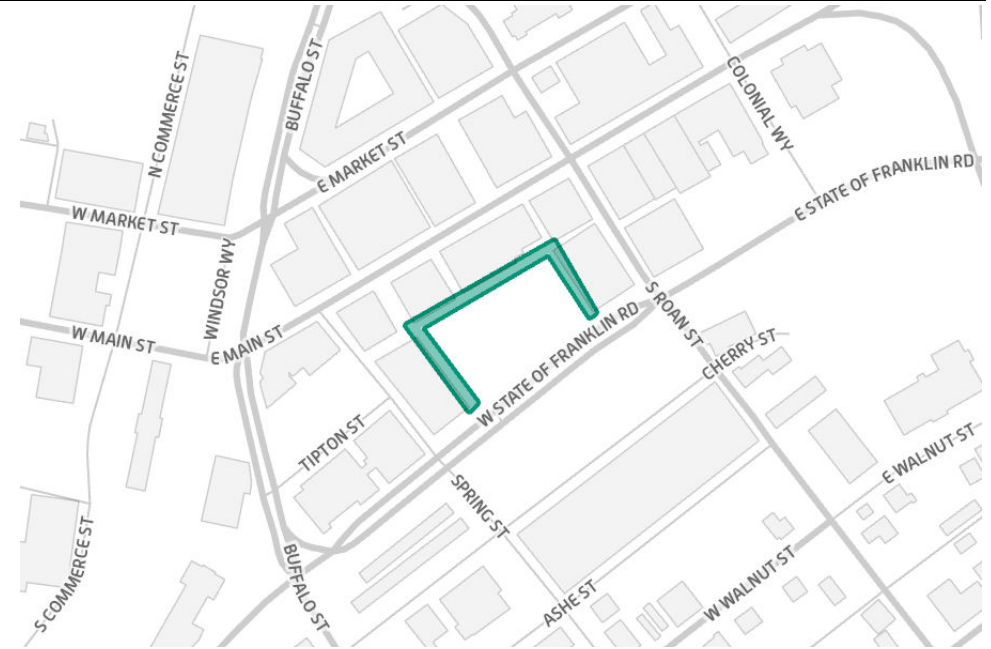
FACILITIES MANAGEMENT

Propose to improve the aging downtown canopy to address roofing issues and public use. Propose to develop a better roofing material and fall protection to provide a pedestrian friendly canopy to allow more safety for fire and emergency egress from adjacent buildings while also improving the aesthetic appearance from the public rights of way:

FY 2025 - Architectural/Engineering for Canopy Restoration - \$30K

FY 2026 - Canopy Restoration - \$300K

FY 2027 - Canopy Restoration - \$300K



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Architectural/Engineering	-	-	30	-	-	-	30
Construction	-	-	-	300	300	-	600
TOTAL	-	-	\$30	\$300	\$300	-	\$630

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	30	-	-	-	30
General Obligation Bond Issue	-	-	-	300	300	-	600
TOTAL	-	-	\$30	\$300	\$300	-	\$630

FACILITY IMPROVEMENTS

The following items are proposed improvements for general facilities only. Other departments (Fire, Police, Water/Sewer, Parks, Freedom Hall, Library, etc.) are expected to provide their own capital improvement requests for the facilities that they occupy:

2024 - Police Jail Office Conversion: The city jail was closed in September, providing 9,000 SF of unoccupied space on the upper level of the municipal building. Renovations will include a combination of new offices and evidence storage rooms.

2026 - ADA Self-Survey Improvements: To perform necessary improvements to various facilities throughout the city for compliance with current ADA requirements.



FACILITIES MANAGEMENT

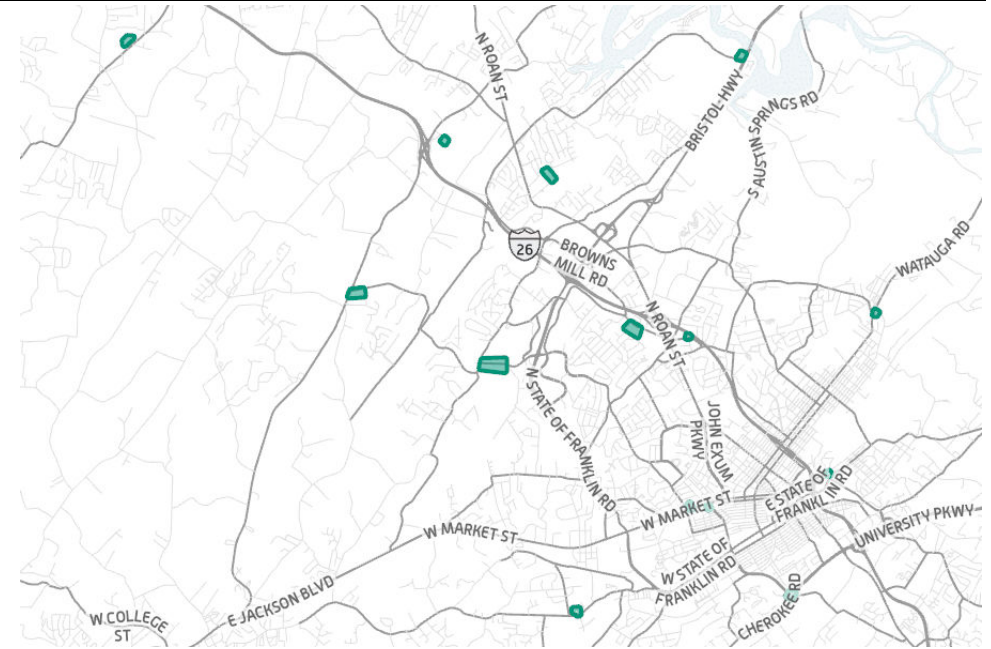
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Keystone Re-roof	-	-	-	-	-	-	0
Municipal Building (Modernization of HVAC Control System)	150	-	-	-	-	-	0
Municipal Building (Partial Roofing, Metal Coping, Paint Ext. Brick Band)	1,000	-	-	-	-	-	0
ADA Self Survey Upgrades and Improvements	-	-	-	250	-	-	250
Municipal Building (Commission Chambers Renovation)	535	-	-	-	-	-	0
Police Jail Office Conversion	-	1,000	-	-	-	-	1,000
TOTAL	\$1,685	\$1,000	-	\$250	-	-	\$1,250

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	685	1,000	-	250	-	-	1,250
General Obligation Bond Issue	1,000	-	-	-	-	-	0
TOTAL	\$1,685	\$1,000	-	\$250	-	-	\$1,250

FIRE DEPARTMENT FACILITY IMPROVEMENTS

FIRE DEPARTMENT

- FY 2023 -
- * Design, Engineer, and Construct Training Facility at Fire Station 7.
 - * Relocation: Design, Engineer and Construct Fire Station 4. Move to city owned property on W. Market Street.
 - * Station Updates: Generators, Entry Systems
- FY 2024 -
- * Construct Post Steel Storage Buildings for Station 8 & 9
- FY 2025 -
- * Purchase Land for Station 10 (New Station Near Indian Trail Middle School)
 - * Remodel Fire Station 7(Constructed 1990)
 - * Renovations of bathrooms/living quarters at Station 5
- FY 2026 -
- * Design, Engineer, and Construct Station 10 (New Station Near Indian Trail Middle School)
- FY 2027 -
- * Relocation: Design, Engineer and Construct Station 3 with Administration Wing (Constructed 1929.)
- FY 2028 - None



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Training Facility	5,000	-	-	-	-	-	0
Fire Station #4	3,000	-	-	-	-	-	0
Station Updates	500	-	-	-	-	-	0
Fire Station #5	-	-	500	-	-	-	500
Fire Station #10	-	-	550	4,200	-	-	4,750
Fire Station #7	-	-	500	-	-	-	500
Fire Station #3	-	-	-	-	5,450	-	5,450
Post Steel Storage Station #8 & #9	-	75	-	-	-	-	75
TOTAL	\$8,500	\$75	\$1,550	\$4,200	\$5,450	-	\$11,275

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ARPA	8,500	-	-	-	-	-	0
General Fund	-	75	1,550	-	-	-	1,625
General Obligation Bond Issue	-	-	-	4,200	5,450	-	9,650
TOTAL	\$8,500	\$75	\$1,550	\$4,200	\$5,450	-	\$11,275

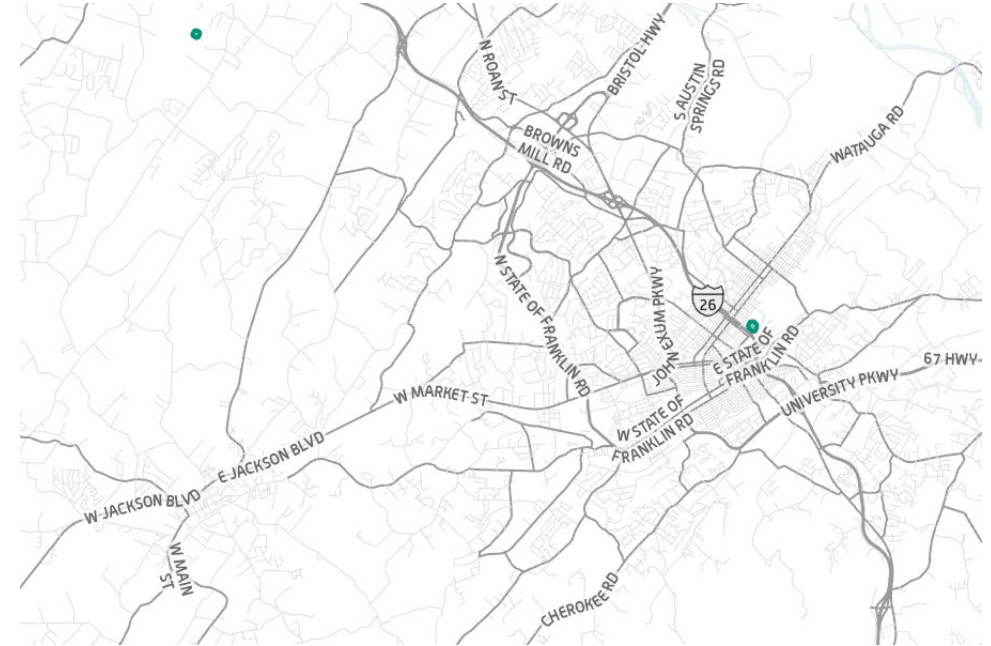
FLEET MANAGEMENT PROJECTS

FLEET MANAGEMENT

FY 2024 - Replace 3 UPS Power Supplies that operate the radio system during a power outage. The UPS Power supplies are 15 years old and are not supported by the manufacturer. (\$150,000)

FY 2025 - Replace Heavy Duty Lift. The 50,000 Pound lift is 20 years old and parts have become obsolete. (\$140,000)

FY 2026 - Rewire Heavy Duty Shop. The Heavy Duty Shop was built in 1974. The shop needs to be rewired for safety concerns. (\$250,000)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
UPS Power Supplies	-	150	-	-	-	-	150
Heavy Duty Lift	-	-	140	-	-	-	140
Rewiring	-	-	-	250	-	-	250
Tank Replacement	475	-	-	-	-	-	0
TOTAL	\$475	\$150	\$140	\$250	-	-	\$540

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Fleet Management Fund	475	150	140	250	-	-	540
TOTAL	\$475	\$150	\$140	\$250	-	-	\$540

FREEDOM HALL

FREEDOM HALL CIVIC CENTER

Constructed in 1974, Freedom Hall is over 45 years old and is in need of a number of major renovations and improvements. Proposed improvements over the next five years include the following:

FY 2024 - * LED Lights - Upper Level- With the LED Changeover the Upper level lighting was removed and has left the area dim.

* Emergency Lights - Upper Level (aisle Lighting) Emergency evacuation Safety issue. should probably be done together. There is no lighting in the upper level for patron to see how to navigate if the power goes out.

FY 2025 - * Basketball Gym has sustained damage over the years. FHCC is renting the gym on a weekly basis for craft fairs, children shows, early voting, volleyball select instruction. Parks and Rec uses the Gym during the summer months for day camp and the schools are using the gym during basketball season for practice. This year alone will see some 150 to 200 days of usage for events to our community.

* Kitchen Hood System: Demolition of 3 existing hood systems and construction of at least 1 new hood system with fire suppression for fryers and open top cooking. Essential for revenue generation for events and alcohol sales.

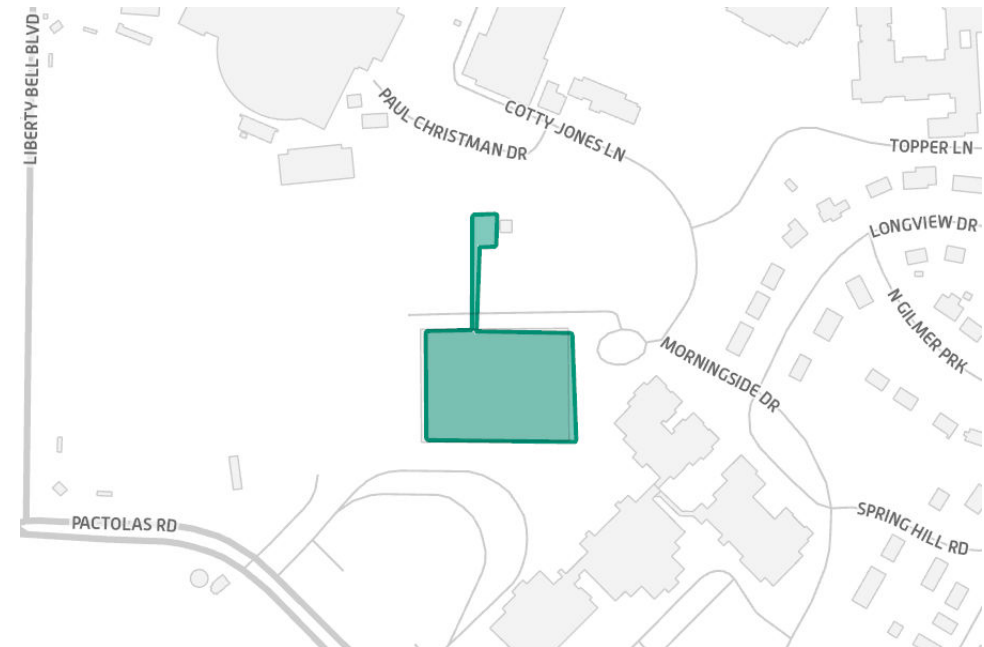
FY 2026-2028 - Building Maintenance Construction (Locker/Dressing Rooms and general restroom for Gym/Pool area) Identified by the master plan consultants as an issue for the building for shows and revenue production.

FY 2026 - * Plaza Renovation which is shared space between Freedom Hall and Liberty Bell Middle School. Uses every day and is a tripping/ safety issue.

* Arena Ceiling Fall Protection System to prevent accidental falls while installing shows in the arena.

FY 2027 - * Sprinkler System for at least lower level that is not open or traveled every day basis. Help cut cost of fire watch for events and improve our safety rating for the building.

* Plumbing is a major issue in the build with breakage and clogged incoming lines. can be done in phases by area.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Skylights	250	-	-	-	-	-	0
Erosion and Brick Retaining Wall	300	-	-	-	-	-	0
Arena Ceiling Fall Protection System	-	-	-	150	-	-	150
LED Lights - Upper Level	-	30	-	-	-	-	30
Plaza Renovation	-	-	-	120	-	-	120

Emergency Aisle Lights - Upper Level	-	30	-	-	-	-	30
(Parking Lot sealing and maintenance)	-	-	-	-	250	-	250
Maintenance Building Construction	-	-	-	-	-	250	250
Plumbing Refurbishment	-	-	-	-	250	-	250
Basketball Aux Gym Floor Refurbishment	-	-	80	-	-	-	80
(Locker/Dressing & public Restroom for Gym/Pool area) Building Maintenance Construction	-	-	-	250	-	-	250
Refurbishment Kitchen Hood System	-	-	60	-	-	-	60
Sprinkler System for at least lower level	-	-	-	-	2,000	-	2,000
TOTAL	\$550	\$60	\$140	\$520	\$2,500	\$250	\$3,470

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	550	60	140	150	-	-	350
General Obligation Bond Issue	-	-	-	370	2,500	250	3,120
TOTAL	\$550	\$60	\$140	\$520	\$2,500	\$250	\$3,470

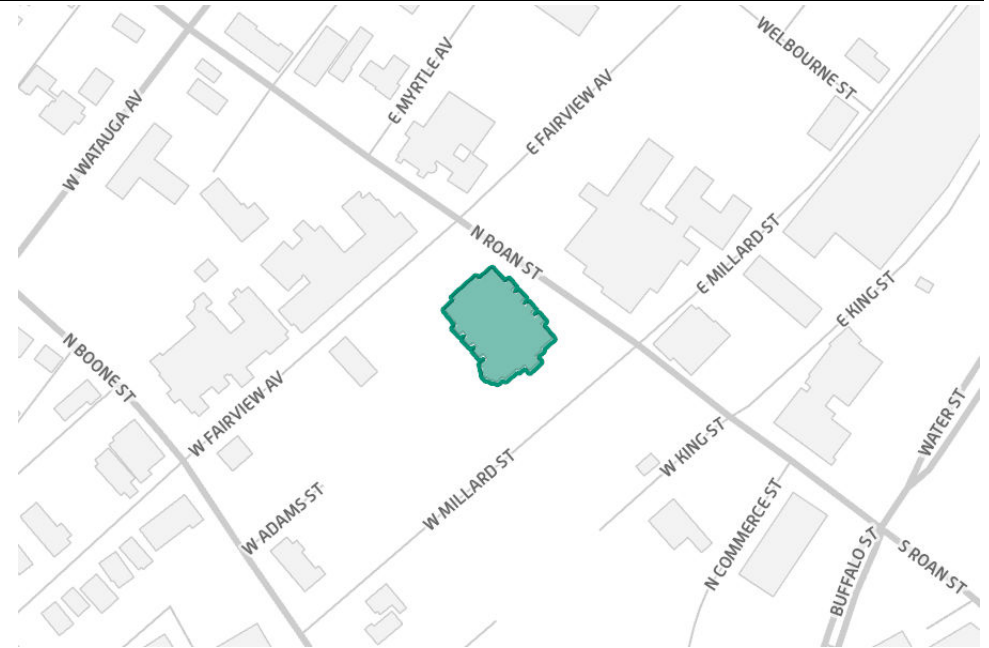
JOHNSON CITY PUBLIC LIBRARY

JOHNSON CITY PUBLIC LIBRARY

FY 24 - The wood flooring in the library has been refinished to the point that there is no longer enough wood remaining to sand and seal. In order to maintain a uniform appearance, wood flooring on both floors should be replaced. We recommend that an RFP be developed that would allow for alternate finishes and materials. There is 4,500 square feet of flooring with an estimated replacement cost of \$8 per square foot.

FY 25 - The library's boiler is nearly 24 years old and is at or near end of life. It needs to be replaced with a more energy efficient system that will save on long term operational costs and reduce the library's overall environmental impacts.

FY 26 - The front steps of the library have suffered from years of use and weathering and are in need of replacement.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Front Steps	-	-	-	50	-	-	50
Interior Floors	-	40	-	-	-	-	40
Boiler	-	-	50	-	-	-	50
TOTAL	-	\$40	\$50	\$50	-	-	\$140

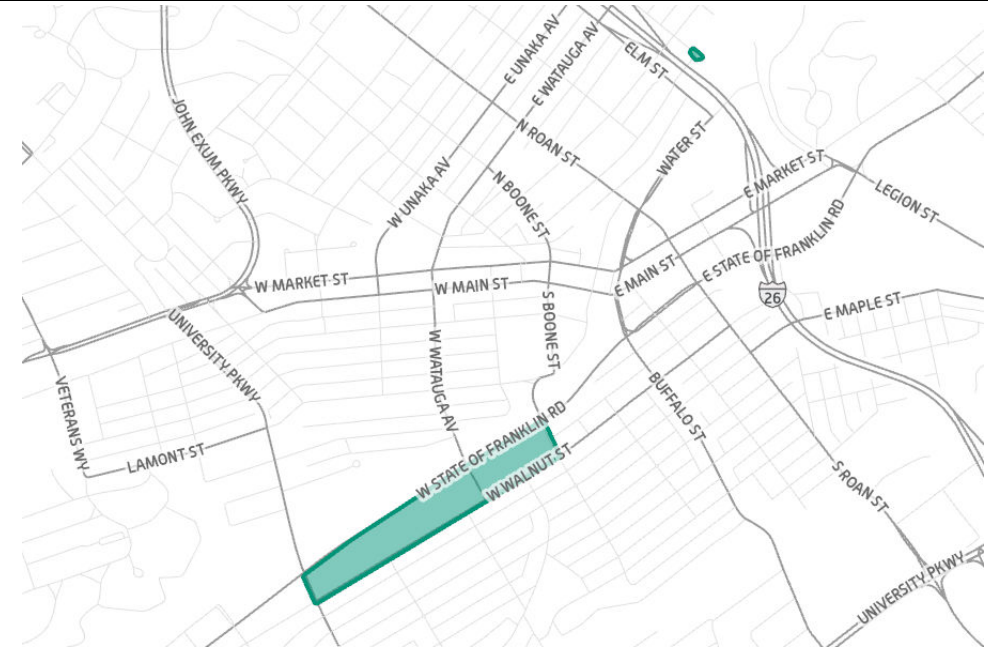
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	40	50	50	-	-	140
TOTAL	-	\$40	\$50	\$50	-	-	\$140

STORM WATER MANAGEMENT IMPROVEMENTS

PUBLIC WORKS - STORMWATER

These projects are entirely funded by the storm water utility fee. All estimates are in present value dollars. The projects are as follows:

- FY 23 - Walnut Street Holding Pond
 - Oakland Avenue Bridge Replacement
 - Buffalo Valley Streambank Credits
- FY 24 - Oakland Ave. Bridge (Construction)
 - Walnut Street Holding Pond
- FY 25 - Oak Street Improvements
- FY 26 - West Davis Park Drainage
- FY 27 - Brush Creek Bridge (Y-Section)
- FY 28 - Brush Creek Bridge #2 (Y-Section)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Walnut Street Holding Pond Construction							
Buffalo Valley Streambank Construction Oakland Avenue Bridge Design	700	-	-	-	-	-	0
Walnut Street Holding Pond Oakland Ave Bridge Construction	-	1,200	-	-	-	-	1,200
Oak Street Drainage Improvements	-	-	300	-	-	-	300
West Davis Park Drainage Improvements	-	-	-	500	-	-	500
Brush Creek Bridge Replacement Construction	-	-	-	-	500	-	500
Brush Creek Bridge #2 Replacement Construction	-	-	-	-	-	500	500
TOTAL	\$700	\$1,200	\$300	\$500	\$500	\$500	\$3,000

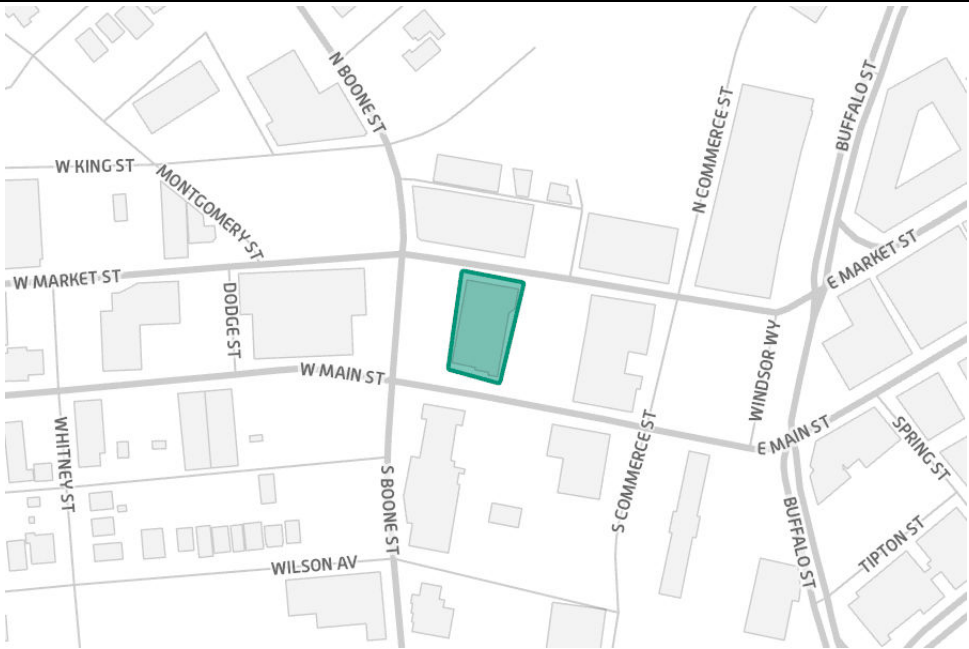
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Storm Water Fund	700	-	300	500	500	500	1,800
Storm Water Bond Proceeds	-	1,200	-	-	-	-	1,200

TOTAL	\$700	\$1,200	\$300	\$500	\$500	\$500	\$3,000
-------	-------	---------	-------	-------	-------	-------	---------

TRANSIT ROOF REPLACEMENT

TRANSIT

The current transit roof was installed in 2005 and has had to have several leaks repaired in recent years and will have met useful life by FY 25.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Roof Replacement	-	-	500	-	-	-	500
TOTAL	-	-	\$500	-	-	-	\$500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
State - TDOT	-	-	400	-	-	-	400
General Fund	-	-	100	-	-	-	100
TOTAL	-	-	\$500	-	-	-	\$500



JOHNSON CITY

T E N N E S S E E

PARKS & RECREATION

SUMMARY OF PROPOSED IMPROVEMENTS (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ADA Improvements	-	-	-	-	-	400	400
Carver Recreation Center - Bleacher Replacement	-	50	-	-	-	-	50
Golf Course Facilities - Pine Oaks	200	-	-	250	225	1,150	1,625
Jacob's Nature Park at Sinking Creek - Restrooms	-	-	-	-	-	70	70
Keefauver Farm Design	-	-	250	250	-	-	500
Kiwanis Park	225	-	-	-	-	-	0
Lighting	-	-	265	680	500	330	1,775
MPCC - Amphitheater Lighting	-	-	90	-	-	-	90
MPCC - Aquatics - Replaster	-	-	-	98	-	-	98
MPCC - Outdoor Restroom	-	-	-	-	40	-	40
Metro-Kiwanis Tennis Courts	-	545	-	-	-	-	545
Pete Zannis Tennis Center	-	-	340	-	-	-	340
Playground Equipment	-	-	300	250	175	250	975
Rotary Park - Play Surface Replacement	-	-	-	216	-	-	216
Skate Park	-	-	-	750	-	-	750
Storage Facilities	-	-	80	-	-	-	80
TVA Credit Union Park	400	-	-	-	-	-	0
Winged Deer Park - Administrative Office - Siding	-	-	-	80	-	-	80
Winged Deer Park Athletic Facilities	17,091	-	-	-	-	-	0
TOTAL	\$17,916	\$595	\$1,325	\$2,574	\$940	\$2,200	\$7,634

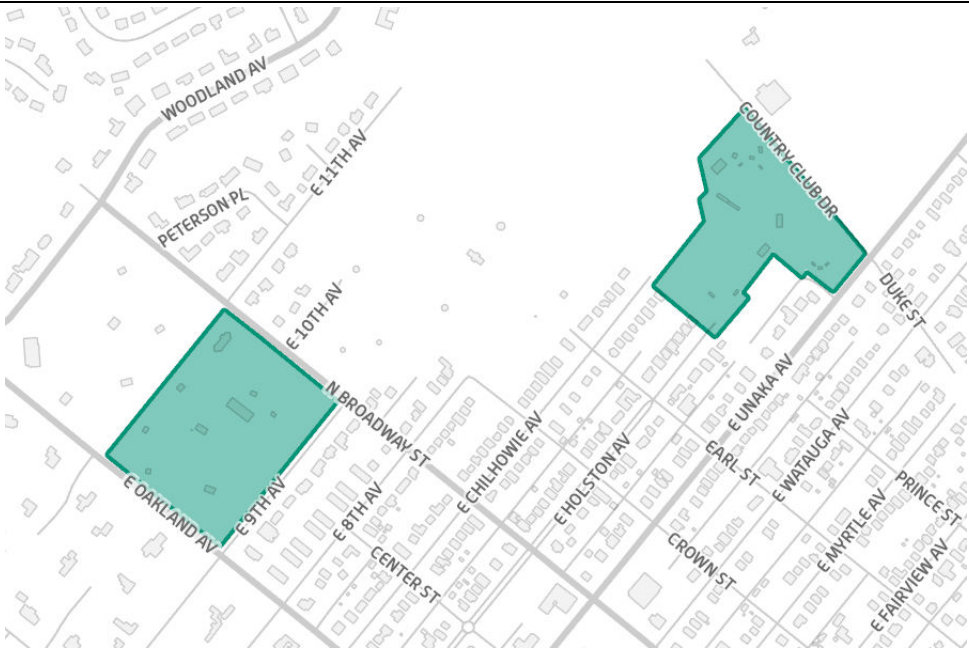
FUNDING SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	400	595	1,325	2,574	840	1,200	6,534
General Obligation Bond Issue	-	-	-	-	100	1,000	1,100
General Obligation Bond Proceeds	17,091	-	-	-	-	-	0
Other	425	-	-	-	-	-	0
TOTAL	\$17,916	\$595	\$1,325	\$2,574	\$940	\$2,200	\$7,634

ADA IMPROVEMENTS

PARKS & RECREATION

The initial ADA improvements will take place at various parks with some of the improvements done in-house. Example: restrooms, sidewalks, parking areas, buildings and walkways.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ADA - Rotary Park and Lions Park	-	-	-	-	-	400	400
TOTAL	-	-	-	-	-	\$400	\$400

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	-	-	-	400	400
TOTAL	-	-	-	-	-	\$400	\$400

CARVER RECREATION CENTER - BLEACHER REPLACEMENT

PARKS & RECREATION

Bleacher inspection showed that cost to repair was higher than anticipated. Recommend to replace.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Bleachers	-	50	-	-	-	-	50
TOTAL	-	\$50	-	-	-	-	\$50

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	50	-	-	-	-	50
TOTAL	-	\$50	-	-	-	-	\$50

GOLF COURSE FACILITIES - PINE OAKS

PARKS & RECREATION

FY 2023 - Development of Practice Facility (Poles and Netting) - \$200,000

FY 2026 - Main line drainage for entire golf course - \$250,000

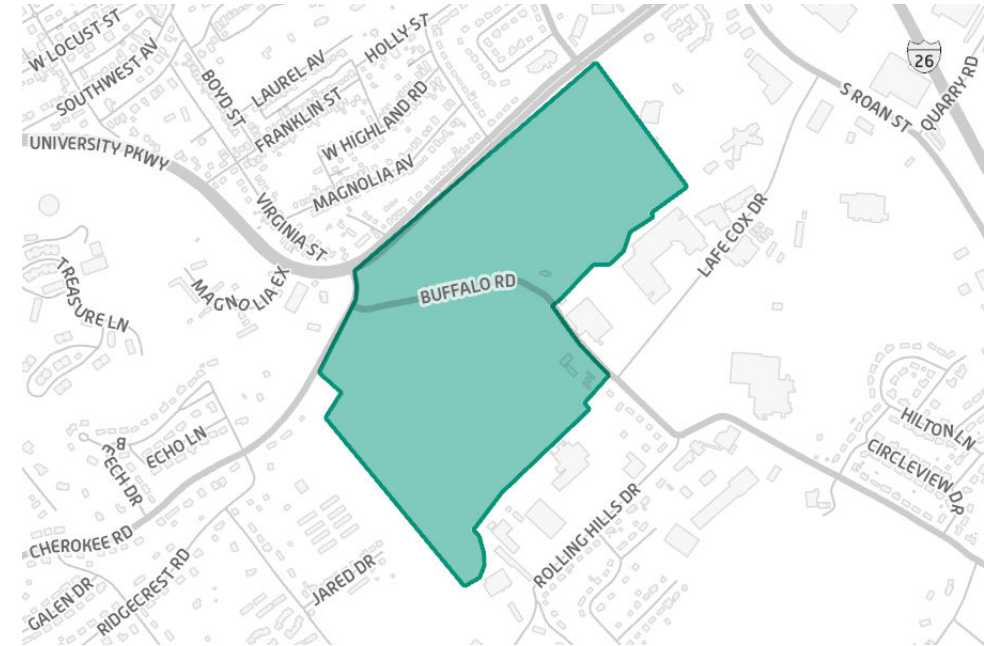
FY 2027 - Maintenance facility improvements (Wash Station, Lift, and fencing) - \$125,000

Design new clubhouse - \$100,000 (Bond)

FY 2028 - Construction and relocation of new Cart Staging Facility - \$150,000

Construction of new clubhouse - \$1,000,000 (Bond)

Beyond 5 years - Converting to sand based greens for improved putting surfaces - \$1,500,000



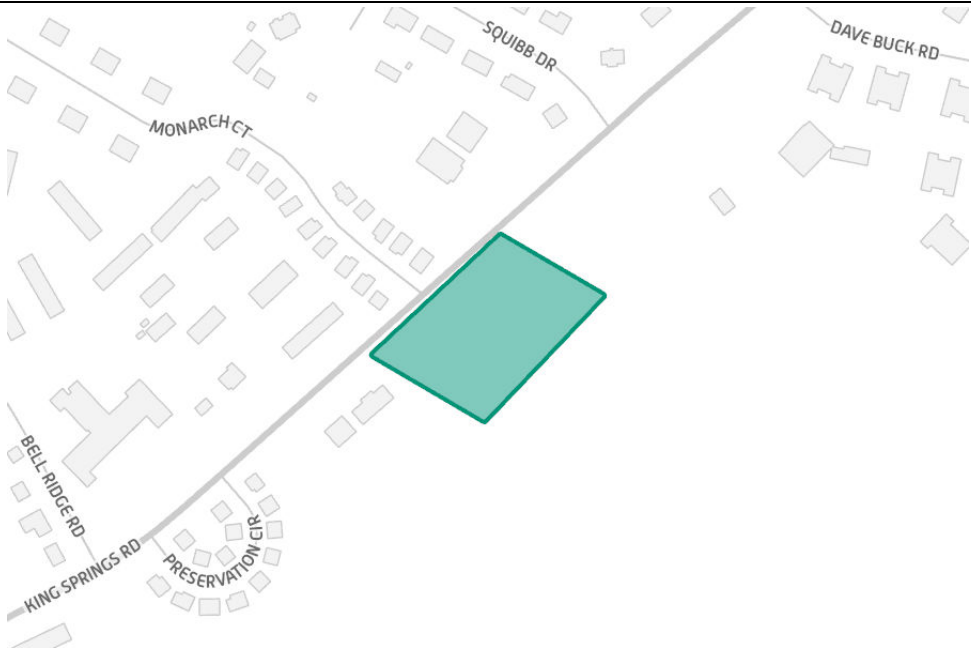
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Development of Practice Facility (Poles and Netting)	200	-	-	-	-	-	0
Design new clubhouse	-	-	-	-	100	-	100
Construction of new clubhouse	-	-	-	-	-	1,000	1,000
Main line drainage for entire golf course	-	-	-	250	-	-	250
Maintenance facility improvements (wash station, lift, and fencing)	-	-	-	-	125	-	125
Construction and relocation of new cart staging facility	-	-	-	-	-	150	150
TOTAL	\$200	-	-	\$250	\$225	\$1,150	\$1,625

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	200	-	-	250	125	150	525
General Obligation Bond Issue	-	-	-	-	100	1,000	1,100
TOTAL	\$200	-	-	\$250	\$225	\$1,150	\$1,625

JACOB'S NATURE PARK AT SINKING CREEK -
RESTROOMS

PARKS & RECREATION

Jacob's Nature Park has grown in popularity for the community. Staff holds classes at this park for children and adults. Currently, portable restrooms are rented to be able to provide facilities. However, those are only available when programs are taking place. This is becoming one of our popular parks for families, restrooms are an important needed component for users.



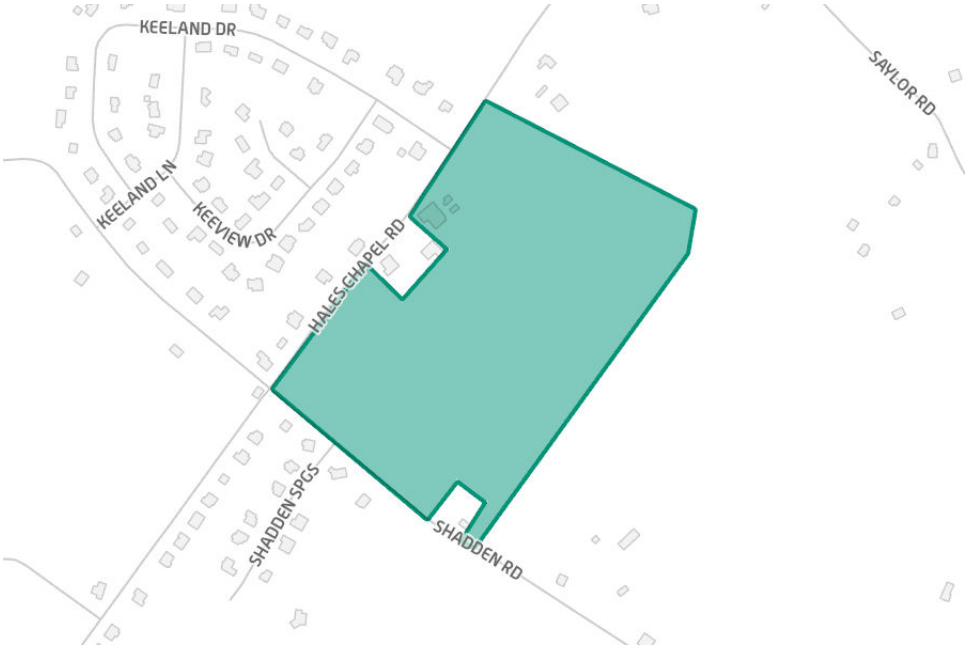
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Restrooms	-	-	-	-	-	70	70
TOTAL	-	-	-	-	-	\$70	\$70

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	-	-	-	70	70
TOTAL	-	-	-	-	-	\$70	\$70

KEEFAUVER FARM DESIGN

PARKS & RECREATION

Engineering and plans for development of Keefauver Farm.



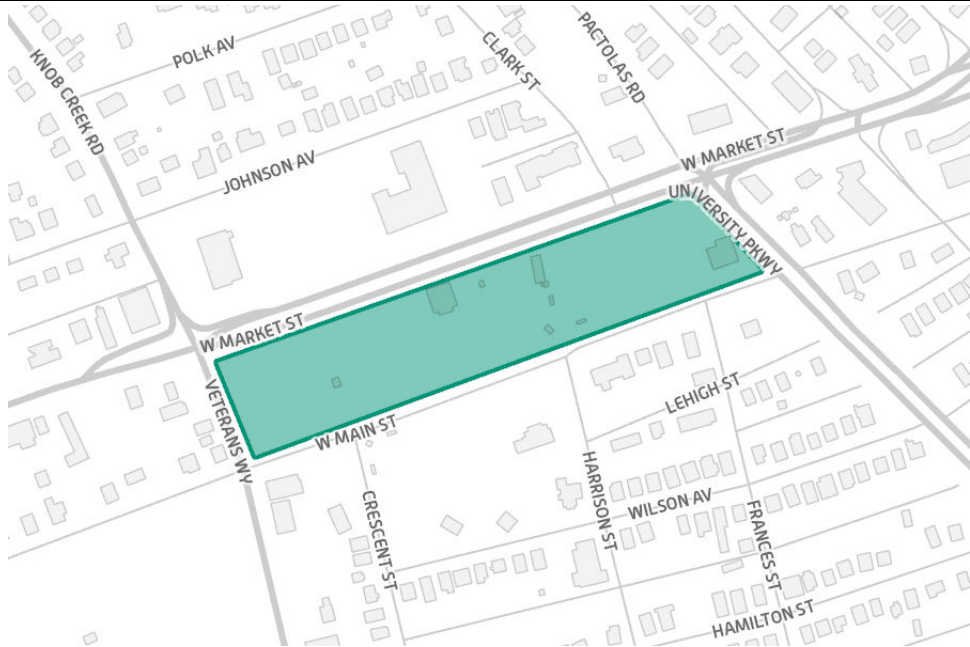
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Phase I Design	-	-	250	-	-	-	250
Phase 2 - Design	-	-	-	250	-	-	250
TOTAL	-	-	\$250	\$250	-	-	\$500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	250	250	-	-	500
TOTAL	-	-	\$250	\$250	-	-	\$500

KIWANIS PARK

PARKS & RECREATION

Demolition of recreation building to be completed in-house.
Construction of pavilion with restrooms.



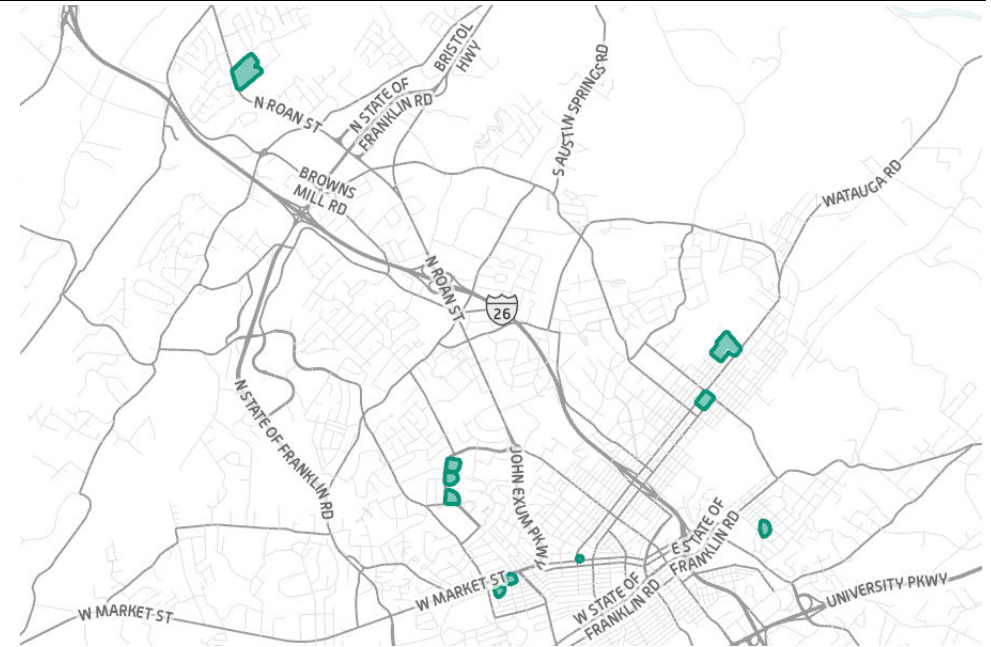
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Construction of pavilion	225	-	-	-	-	-	0
TOTAL	\$225	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	200	-	-	-	-	-	0
Donation - Kiwanis Club	25	-	-	-	-	-	0
TOTAL	\$225	-	-	-	-	-	\$0

LIGHTING

This project addresses the below standard lighting at our existing parks and athletic fields. The new technology with lighting allows us to be more efficient. For example, Metro-Kiwanis is on a "light structured green" system that allows the company to monitor voltage, detect light problems, and correct any problems detected. It also allows remote operations from a telephone or electronic device.

Estimated Useful Life of Improvement: 25 years



PARKS & RECREATION

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Broyles Field - New	-	-	-	-	340	-	340
Arrowood-Mashburn Field at Kiwanis Park - New	-	-	265	-	-	-	265
Roller Field - New	-	-	-	330	-	-	330
Seaver Field - New	-	-	-	350	-	-	350
Keystone (\$40K) and Lions (\$40K) - upgrade	-	-	-	-	80	-	80
Carnegie (\$40K) and Indian Trail (\$40K) - upgrade	-	-	-	-	80	-	80
Arthur Lady Field - New	-	-	-	-	-	330	330
TOTAL	-	-	\$265	\$680	\$500	\$330	\$1,775

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	265	680	500	330	1,775
TOTAL	-	-	\$265	\$680	\$500	\$330	\$1,775

METRO-KIWANIS TENNIS COURTS

PARKS & RECREATION

Five rebuilt - \$100,000 per court
Asphalt surfacing
Replacement fencing - \$45,000



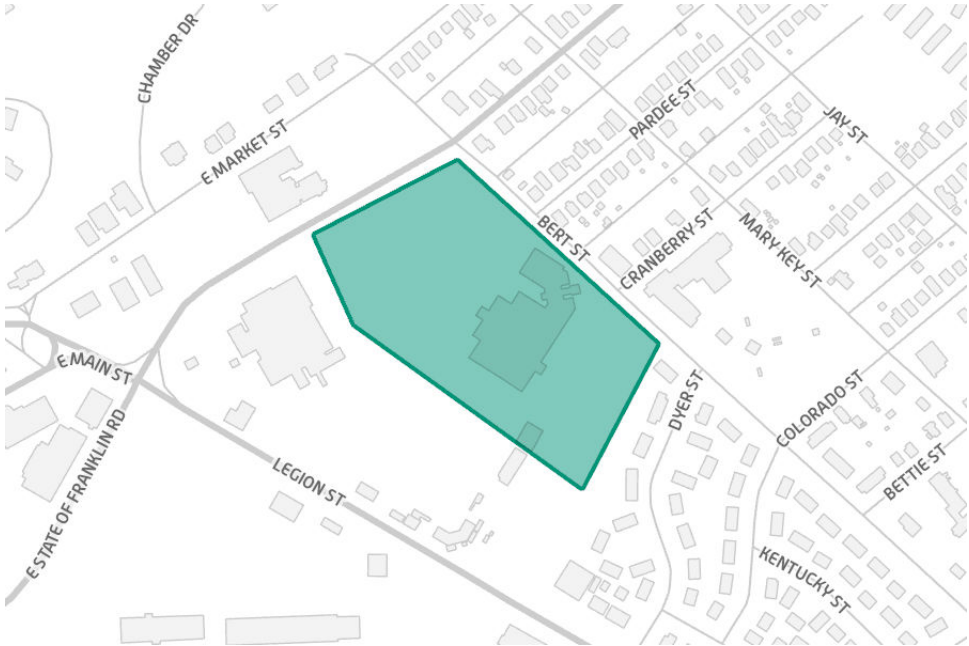
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Five Tennis Courts and fencing	-	545	-	-	-	-	545
TOTAL	-	\$545	-	-	-	-	\$545

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	545	-	-	-	-	545
TOTAL	-	\$545	-	-	-	-	\$545

MPCC - AMPHITHEATER LIGHTING

PARKS & RECREATION

This will assist in hosting events at this location and maximize the use of the amphitheater.



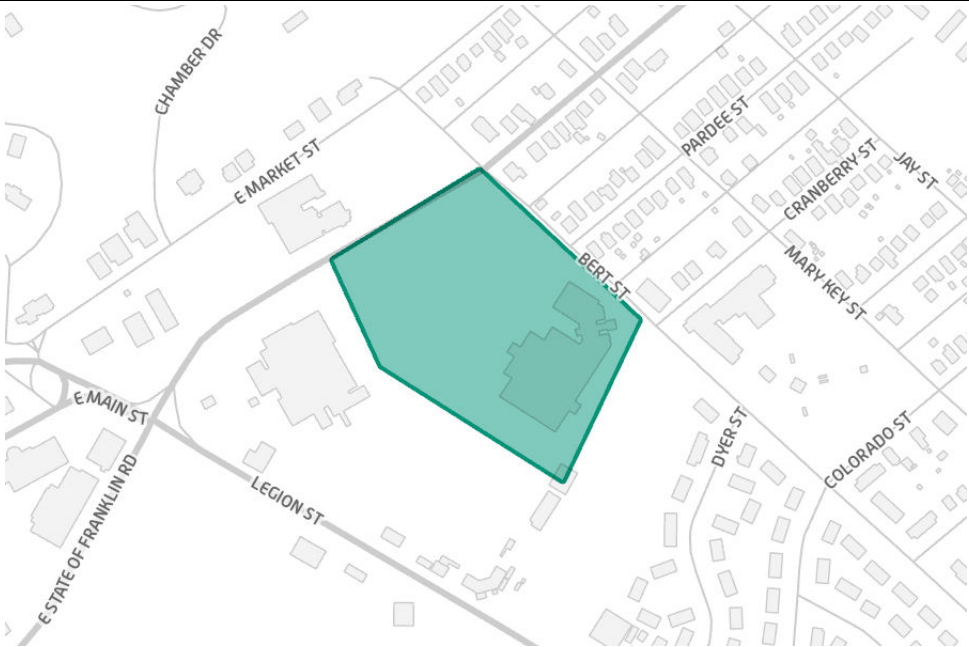
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Lighting	-	-	90	-	-	-	90
TOTAL	-	-	\$90	-	-	-	\$90

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	90	-	-	-	90
TOTAL	-	-	\$90	-	-	-	\$90

MPCC - AQUATICS - REPLASTER

PARKS & RECREATION

Pool plaster has reached it useful life. The recommendation is to replaster the pools with Hydrazzo Plaster which provides a 10 year warranty. The cost for the two therapy pools is approximately \$35,000 and the lap pool cost is approximately \$58,000.



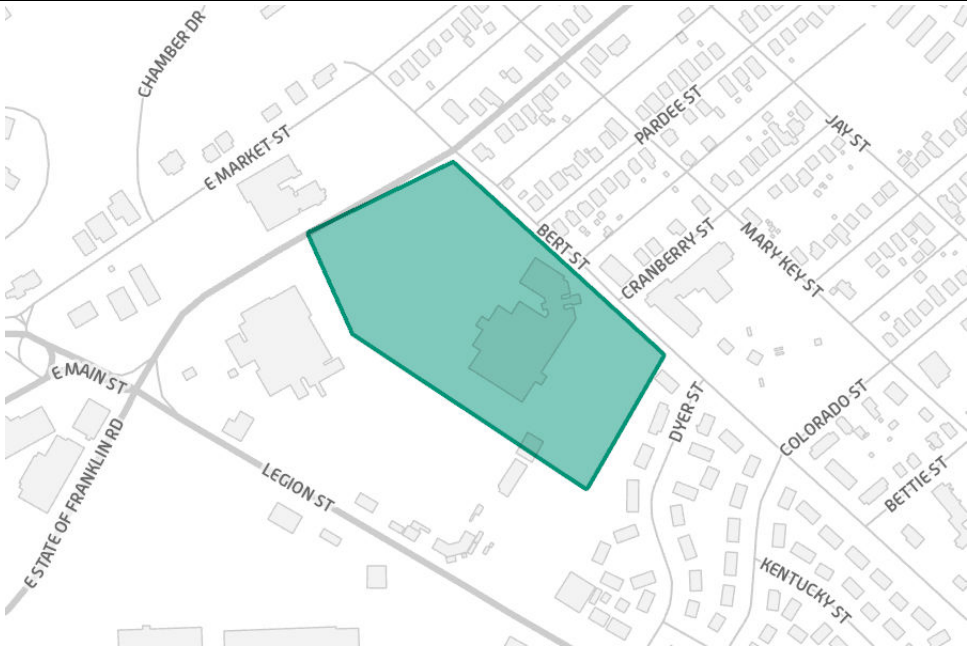
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
MPCC Pool	-	-	-	98	-	-	98
TOTAL	-	-	-	\$98	-	-	\$98

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	-	98	-	-	98
TOTAL	-	-	-	\$98	-	-	\$98

MPCC - OUTDOOR RESTROOM

PARKS & RECREATION

Due to the increased outdoor amenities located at MPCC such as Bert Street Music, 12 new pickle ball courts and a planned renovation of the memorial garden space, it is recommended that outdoor restrooms be added to accommodate these special events and potential pickle ball tournaments.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Outdoor restroom facility	-	-	-	-	40	-	40
TOTAL	-	-	-	-	\$40	-	\$40

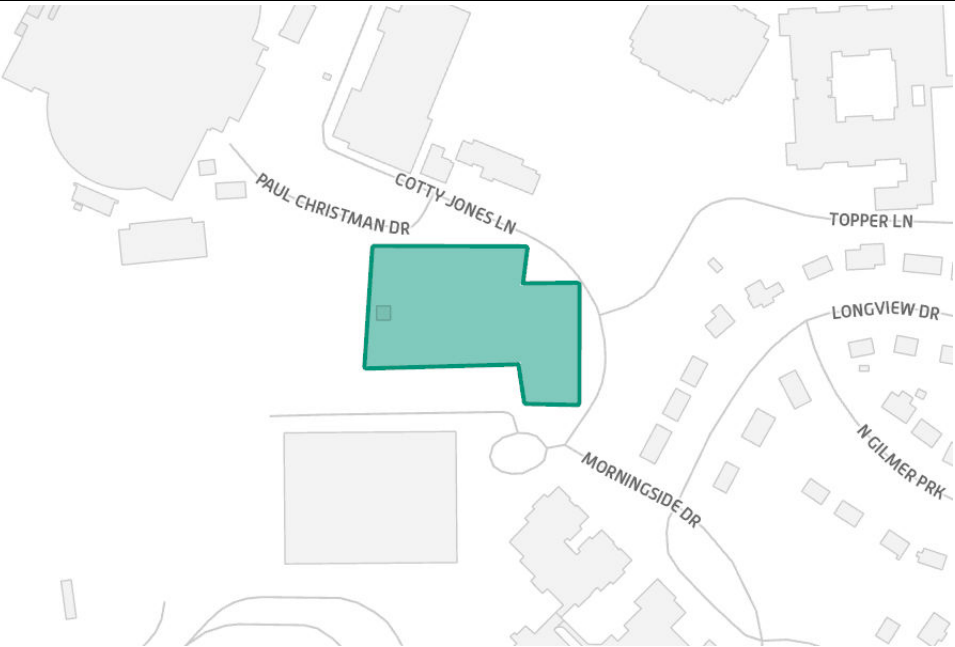
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	-	-	40	-	40
TOTAL	-	-	-	-	\$40	-	\$40

PETE ZANNIS TENNIS CENTER

PARKS & RECREATION

Resurface tennis courts - 14 courts

Replacement of the existing tennis clubhouse. This will include an office, storage area, and restrooms to accommodate recreation programming, Johnson City School system, Mountain Empire Tennis Association and public use.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Construction of Clubhouse	-	-	200	-	-	-	200
Resurface 14 courts	-	-	140	-	-	-	140
TOTAL	-	-	\$340	-	-	-	\$340

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	340	-	-	-	340
TOTAL	-	-	\$340	-	-	-	\$340

PLAYGROUND EQUIPMENT

PARKS & RECREATION

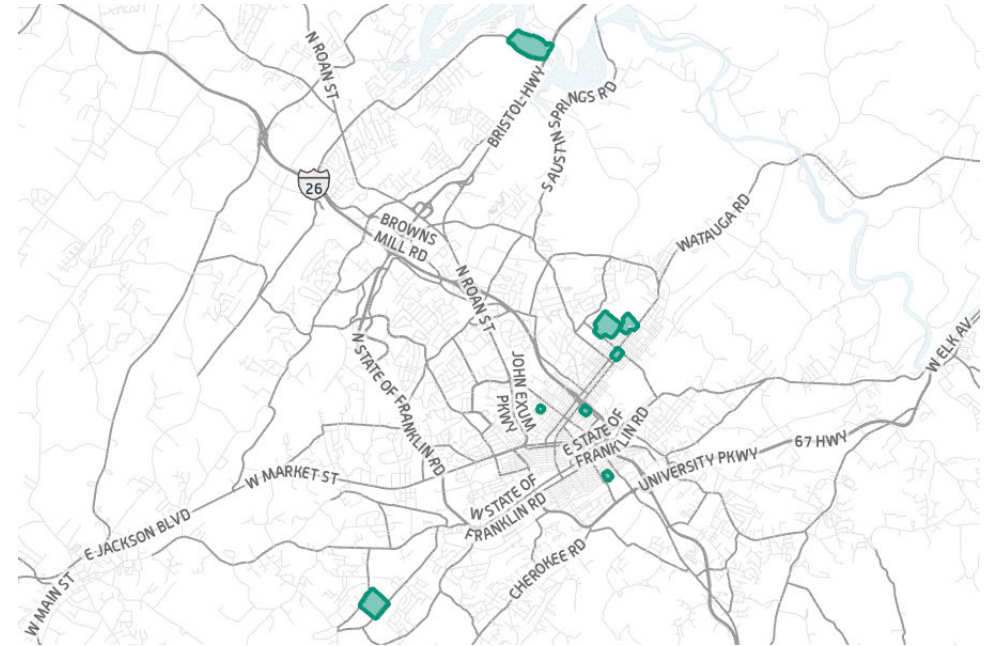
This program will replace or repair deteriorating play equipment and provide small and large-scale enhancements in parks and playgrounds throughout the City. The equipment needs to be replaced or repaired that does not comply with the Consumer Product Safety Commission requirements. This funding will replace and upgrade playground equipment on an annual basis.

Fiscal Year 2025 - Willow Springs (\$300)

Fiscal Year 2026 - Paul Christman (\$50), Powell Square (\$75), Langston (\$125)

Fiscal Year 2027 - Lions Park (\$175)

Fiscal Year 2028 - Winged Deer Park Lakefront - Phase I (\$250)



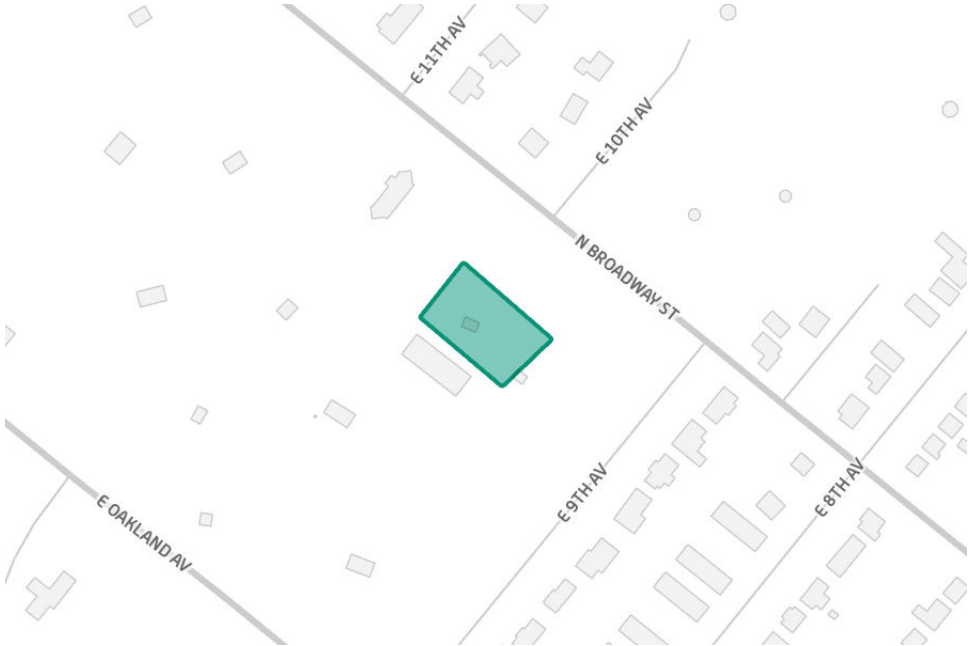
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Winged Deer Park Lakefront - Phase I	-	-	-	-	-	250	250
Winged Deer Park Lakefront Phase II	-	-	-	-	-	-	0
Willow Springs Park	-	-	300	-	-	-	300
Paul Christman (\$50); Powell Square (\$75); Langston (\$125)	-	-	-	250	-	-	250
Lions Park	-	-	-	-	175	-	175
TOTAL	-	-	\$300	\$250	\$175	\$250	\$975

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	300	250	175	250	975
TOTAL	-	-	\$300	\$250	\$175	\$250	\$975

ROTARY PARK - PLAY SURFACE REPLACEMENT

PARKS & RECREATION

The artificial turf on the playground at Rotary Park is showing significant wear and tear. The average life span of this artificial turf is approximately 8 years old.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Play Surface Replacement	-	-	-	216	-	-	216
TOTAL	-	-	-	\$216	-	-	\$216

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	-	216	-	-	216
TOTAL	-	-	-	\$216	-	-	\$216

SKATE PARK

PARKS & RECREATION

Construct an outdoor public skate park for all ages.

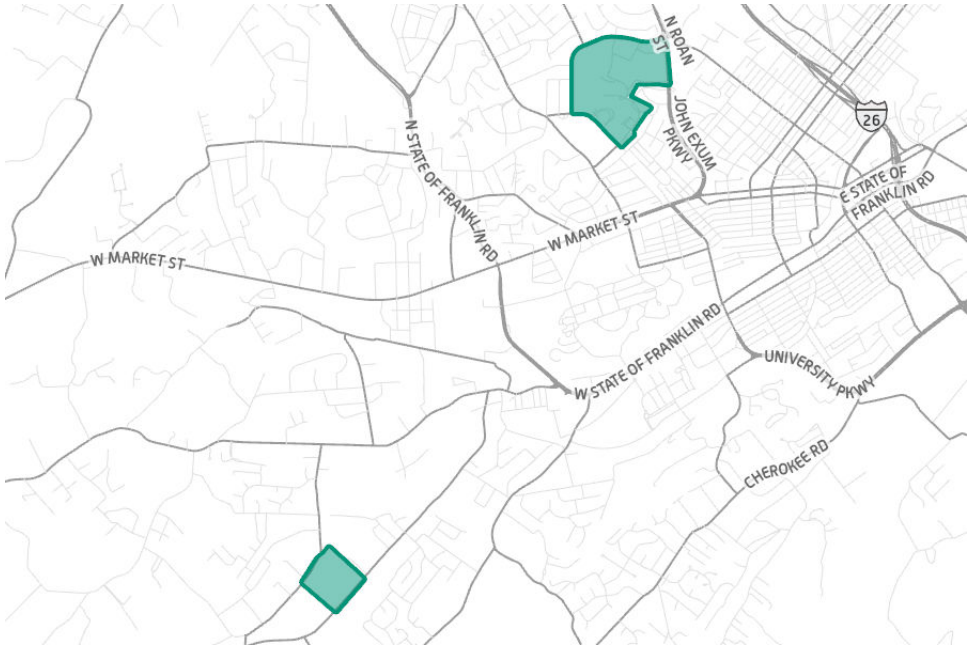
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Skate Park	-	-	-	750	-	-	750
TOTAL	-	-	-	\$750	-	-	\$750

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	-	750	-	-	750
TOTAL	-	-	-	\$750	-	-	\$750

STORAGE FACILITIES

PARKS & RECREATION

Maintenance and equipment storage facilities at Willow Springs Park and Liberty Bell Complex.



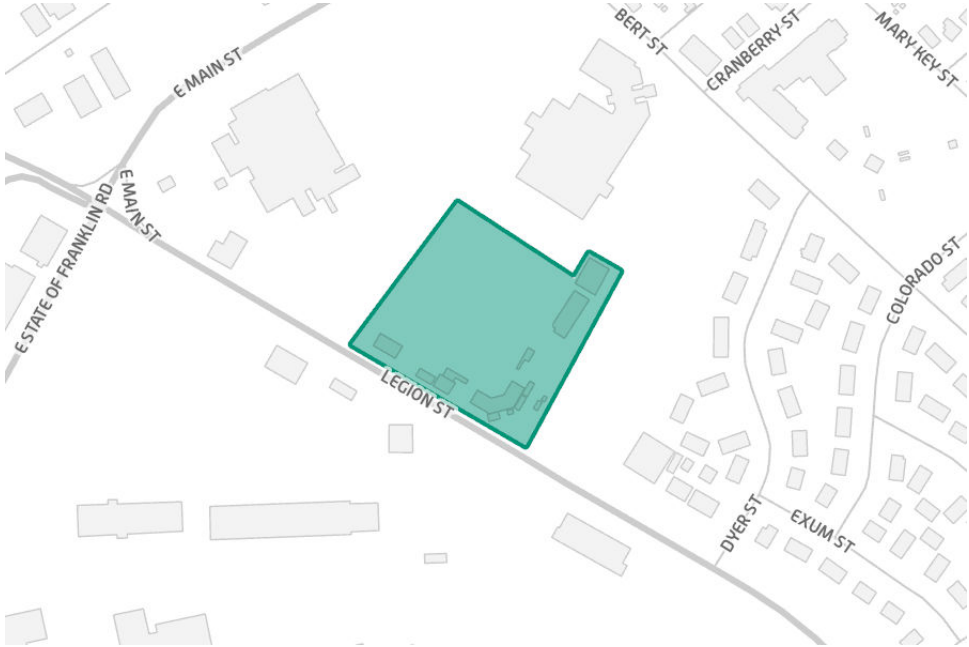
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Storage facilities	-	-	80	-	-	-	80
TOTAL	-	-	\$80	-	-	-	\$80

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	80	-	-	-	80
TOTAL	-	-	\$80	-	-	-	\$80

TVA CREDIT UNION PARK

PARKS & RECREATION

Sandblasting, re-painting by a lead based company and structures and walkways improvements.



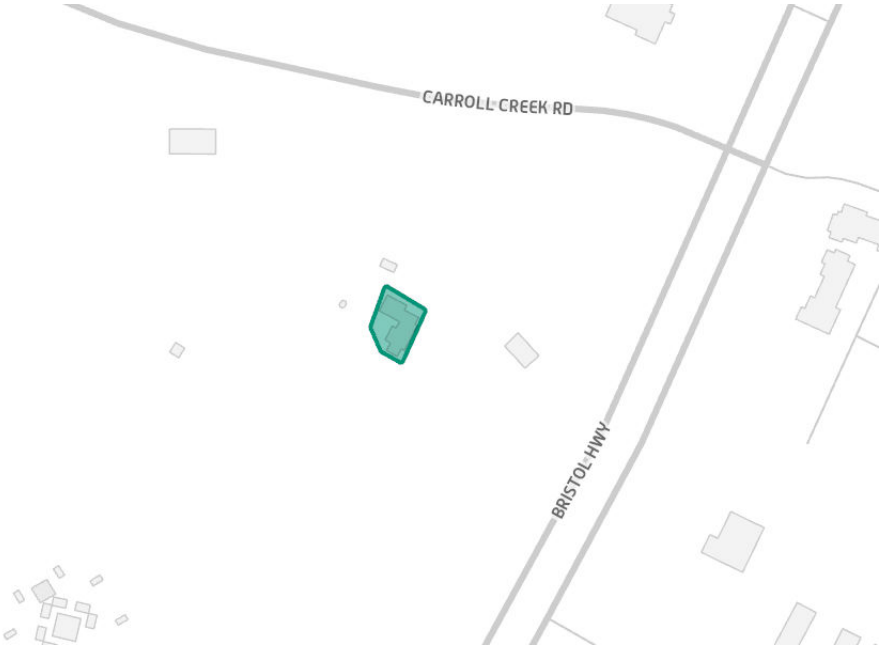
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
TVA Credit Union improvements	400	-	-	-	-	-	0
TOTAL	\$400	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ARPA	400	-	-	-	-	-	0
TOTAL	\$400	-	-	-	-	-	\$0

WINGED DEER PARK - ADMINISTRATIVE OFFICE - SIDING

PARKS & RECREATION

The siding on the WDP administrative office is in need of replacement. It is discolored and showing signs of rot in areas.



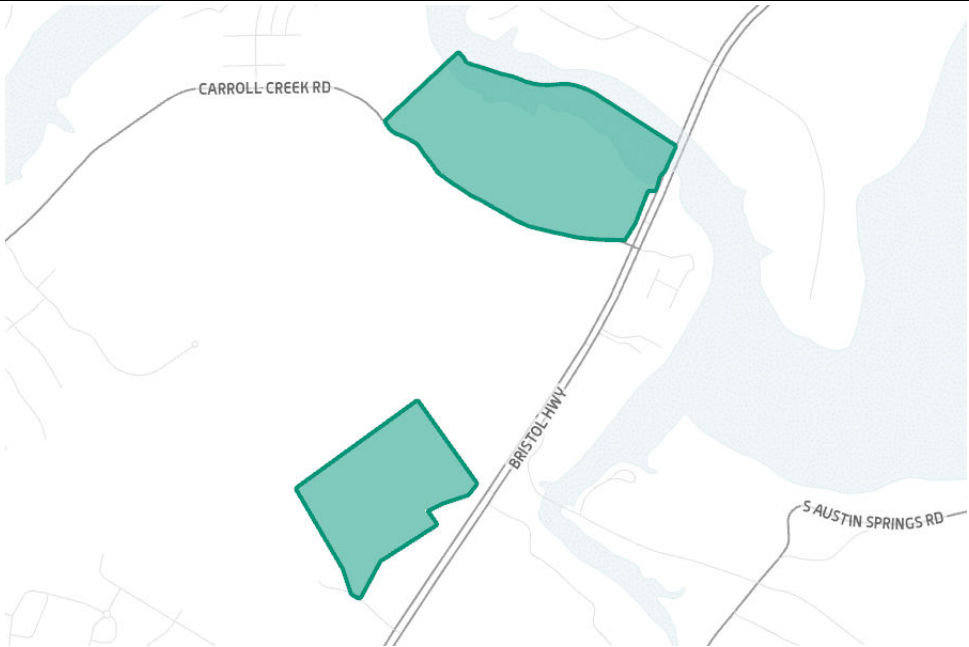
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Siding on Administrative Office	-	-	-	80	-	-	80
TOTAL	-	-	-	\$80	-	-	\$80

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	-	80	-	-	80
TOTAL	-	-	-	\$80	-	-	\$80

WINGED DEER PARK ATHLETIC FACILITIES

PARKS & RECREATION

This project includes the development of 4 synthetic diamond fields on the acquired 37 acres adjacent to Winged Deer Park and 2 rectangular fields (full synthetic). This also includes a maintenance and officials building.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Construction of athletic complex expansion	17,091	-	-	-	-	-	0
TOTAL	\$17,091	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Obligation Bond Proceeds	17,091	-	-	-	-	-	0
TOTAL	\$17,091	-	-	-	-	-	\$0



JOHNSON CITY

T E N N E S S E E

SCHOOLS

SUMMARY OF PROPOSED IMPROVEMENTS (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Athletic Facility Maintenance	261	-	-	-	-	-	0
Elementary HVAC Replacements	1,560	-	-	-	-	-	0
Elementary School Additions	2,000	-	-	-	-	-	0
Middle School Comparability Study - Indian Trail Improvements	-	-	-	300	-	-	300
SHHS Bathroom Renovations	-	500	-	-	-	-	500
SHHS Guard Building	25	75	-	-	-	-	75
SHHS Science Classroom Renovations	4,500	1,490	-	-	-	-	1,490
SHHS Trade Building	-	-	2,000	-	-	-	2,000
School Clinics Renovations	275	-	-	-	-	-	0
Securing School Building Foyers	20	100	380	-	-	-	480
Towne Acres Elementary New School	-	-	-	1,000	-	-	1,000
TOTAL	\$8,641	\$2,165	\$2,380	\$1,300	-	-	\$5,845

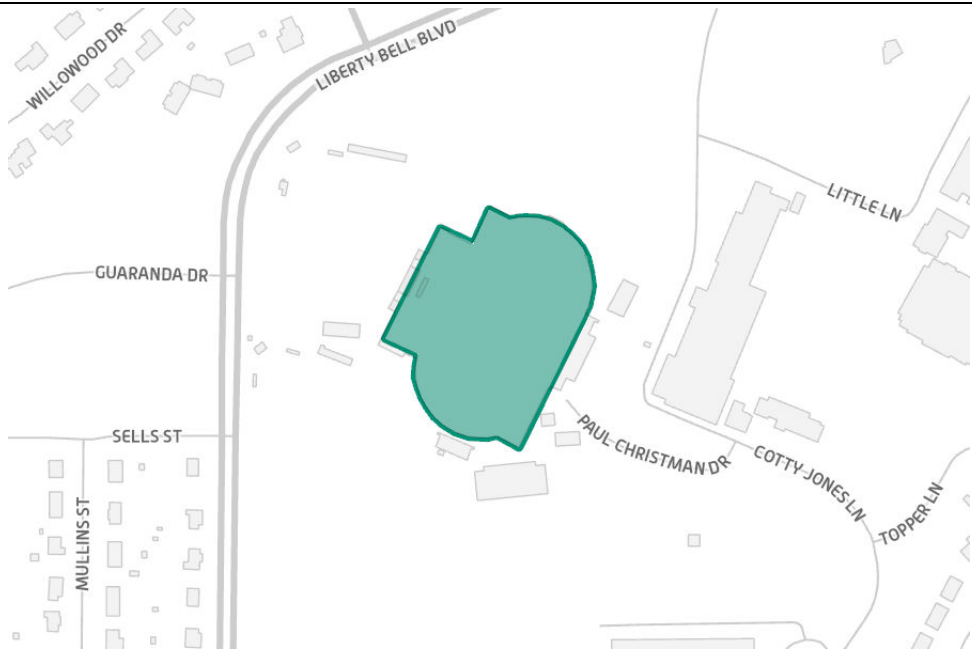
FUNDING SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	261	-	-	-	-	-	0
Johnson City Schools	45	1,175	380	-	-	-	1,555
Other	6,335	990	2,000	-	-	-	2,990
PEP Bond Issue	-	-	-	1,300	-	-	1,300
PEP Bond Proceeds	2,000	-	-	-	-	-	0
TOTAL	\$8,641	\$2,165	\$2,380	\$1,300	-	-	\$5,845

ATHLETIC FACILITY MAINTENANCE

JOHNSON CITY SCHOOLS

Replace SHHS track



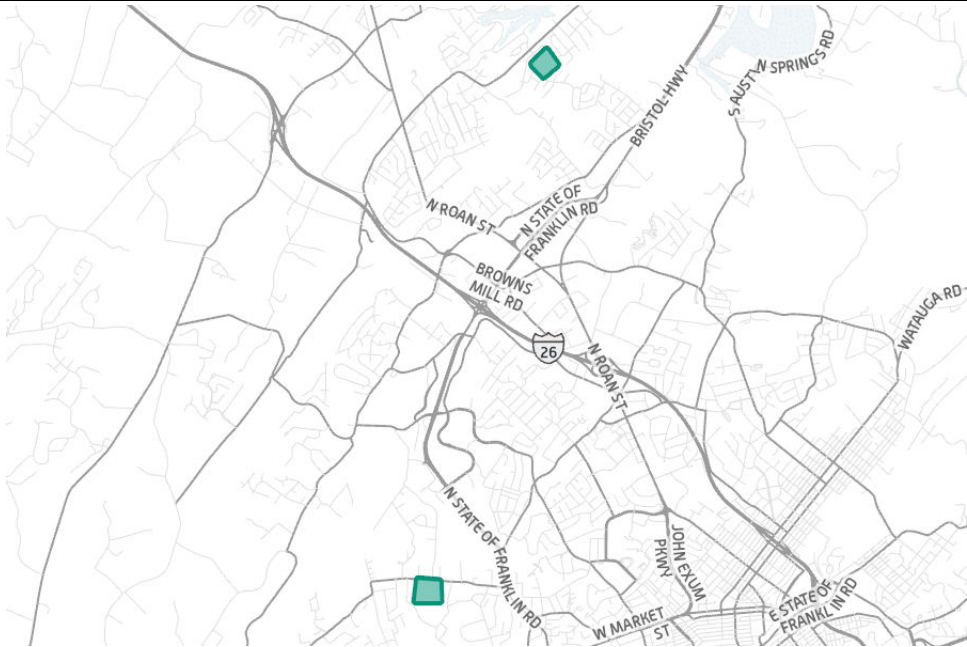
Expenditure Allocation (in \$000s)		Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
SHHS Track		261	-	-	-	-	-	0
TOTAL		\$261	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)		Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund		261	-	-	-	-	-	0
TOTAL		\$261	-	-	-	-	-	\$0

ELEMENTARY HVAC REPLACEMENTS

JOHNSON CITY SCHOOLS

Replace the HVAC systems at Lake Ridge and Woodland Elementary Schools



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
HVAC Replacements	1,560	-	-	-	-	-	0
TOTAL	\$1,560	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ESSER 3.0 Grant Funds	1,560	-	-	-	-	-	0
TOTAL	\$1,560	-	-	-	-	-	\$0

ELEMENTARY SCHOOL ADDITIONS

JOHNSON CITY SCHOOLS

Additional Classrooms added to Lake Ridge Elementary, South Side Elementary, and Woodland Elementary Schools.

FY 2022 - South Side Elementary. Woodland Elementary
FY 2023 - Lake Ridge Elementary



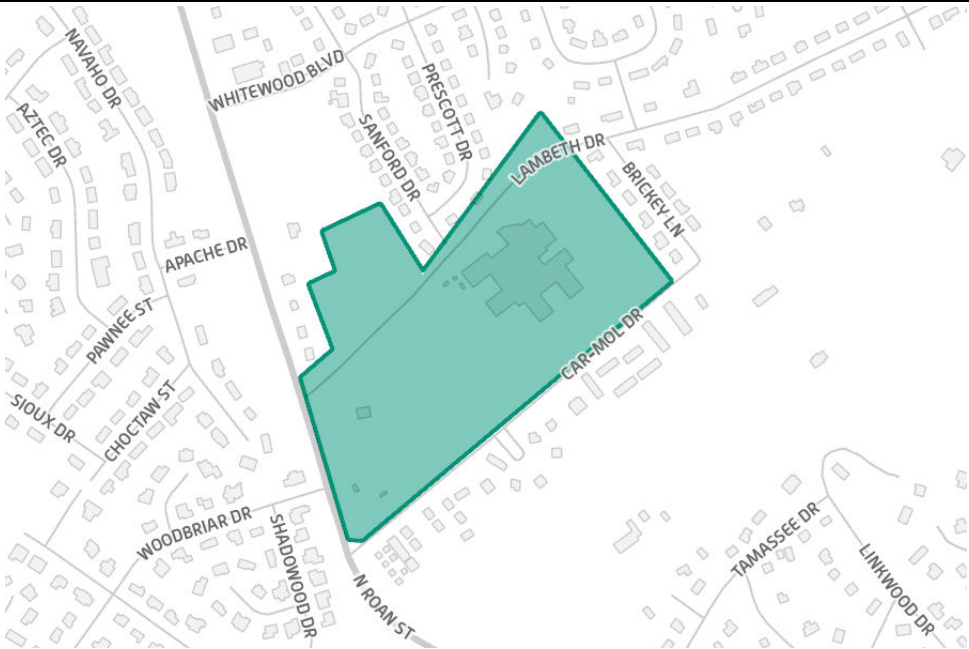
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Lake Ridge Elementary Design & Construction	2,000	-	-	-	-	-	0
TOTAL	\$2,000	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
PEP Bond Proceeds	2,000	-	-	-	-	-	0
TOTAL	\$2,000	-	-	-	-	-	\$0

MIDDLE SCHOOL COMPARABILITY STUDY - INDIAN TRAIL IMPROVEMENTS

JOHNSON CITY SCHOOLS

Indian Trail remaining items identified in the Middle School Comparability Study that need to be addressed at Indian Trail
FY 26 - Track \$300,000



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Track	-	-	-	300	-	-	300
TOTAL	-	-	-	\$300	-	-	\$300

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
PEP Bond Issue	-	-	-	300	-	-	300
TOTAL	-	-	-	\$300	-	-	\$300

SCHOOL CLINICS RENOVATIONS

JOHNSON CITY SCHOOLS

Renovations needed in Nurse's clinic space at each school.



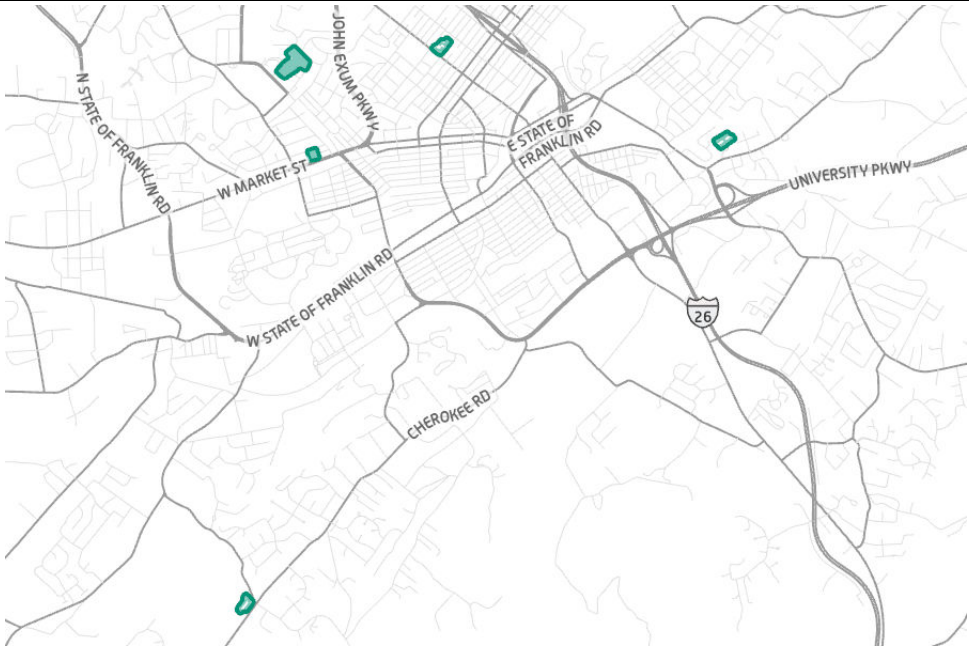
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Construction	275	-	-	-	-	-	0
TOTAL	\$275	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Epidemiology and Laboratory Capacity Grant	275	-	-	-	-	-	0
TOTAL	\$275	-	-	-	-	-	\$0

SECURING SCHOOL BUILDING FOYERS

JOHNSON CITY SCHOOLS

Renovations to School Building Foyer areas to control access to the remainder of the school building. This is the cost of materials. Work to be done by the School Maintenance Department.



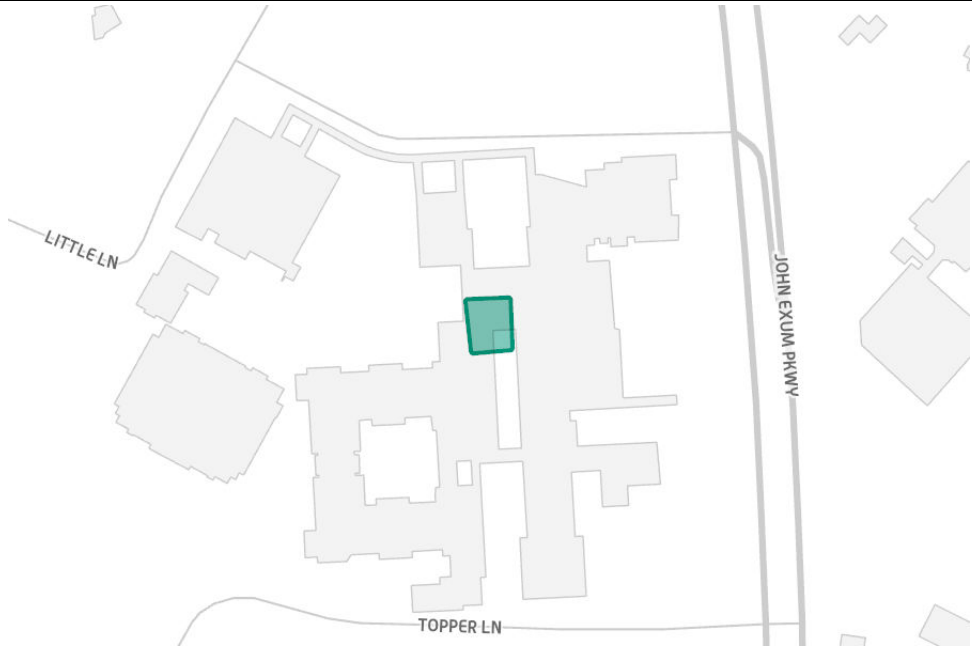
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Materials	20	-	-	-	-	-	0
Materials, Architectural and Engineering	-	100	-	-	-	-	100
Architectural and Engineering, Construction, Materials	-	-	380	-	-	-	380
TOTAL	\$20	\$100	\$380	-	-	-	\$480

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Johnson City Schools	20	100	380	-	-	-	480
TOTAL	\$20	\$100	\$380	-	-	-	\$480

SHHS BATHROOM RENOVATIONS

JOHNSON CITY SCHOOLS

Renovation of student bathrooms



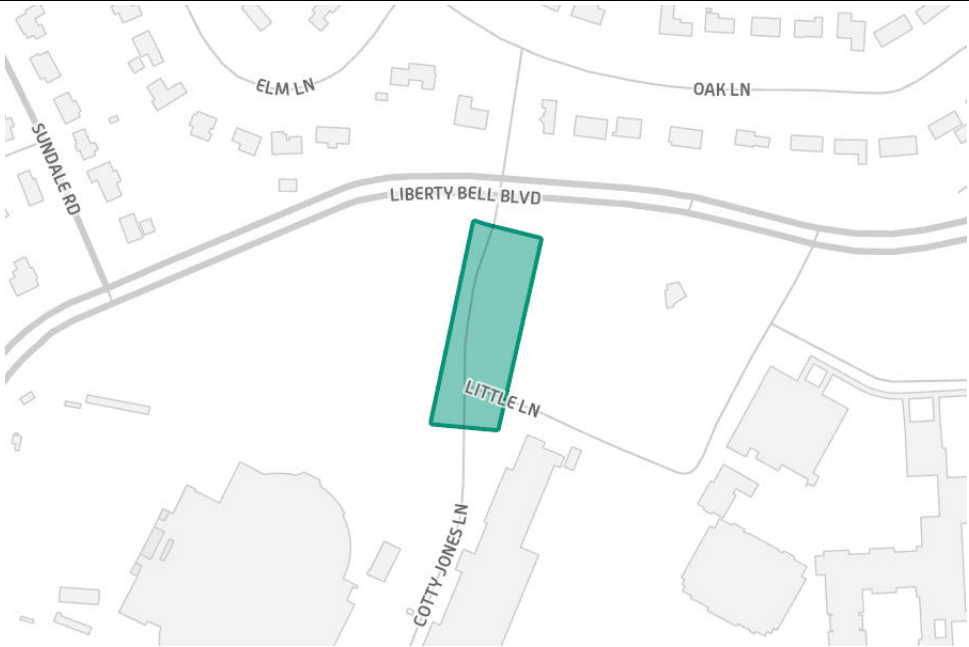
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Architectural and Engineering Construction	-	500	-	-	-	-	500
TOTAL	-	\$500	-	-	-	-	\$500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ESSER Grant Funds and General Purpose School Fund	-	500	-	-	-	-	500
TOTAL	-	\$500	-	-	-	-	\$500

SHHS GUARD BUILDING

JOHNSON CITY SCHOOLS

Installation of portable building and electronic gate for guard on Cotty Jones Lane. Installation of power, heating and cooling, and network access.



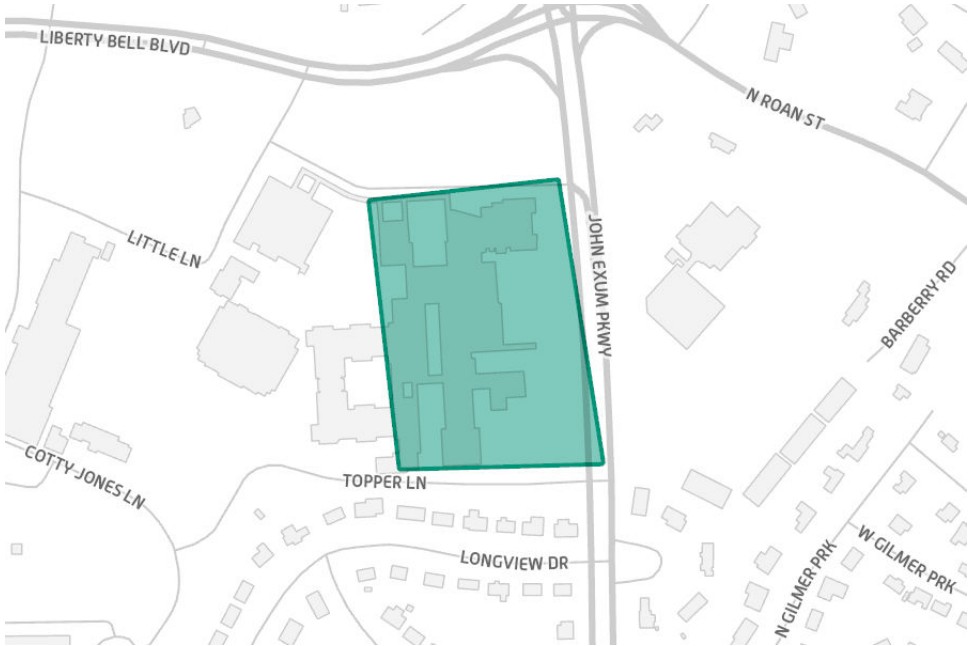
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Construction	25	-	-	-	-	-	0
Purchase of Building/Gate and Construction	-	75	-	-	-	-	75
TOTAL	\$25	\$75	-	-	-	-	\$75

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Johnson City Schools	25	75	-	-	-	-	75
TOTAL	\$25	\$75	-	-	-	-	\$75

SHHS SCIENCE CLASSROOM RENOVATIONS

JOHNSON CITY SCHOOLS

Renovations of 16 classrooms at Science Hill High School Science Classrooms and CDC Suite.



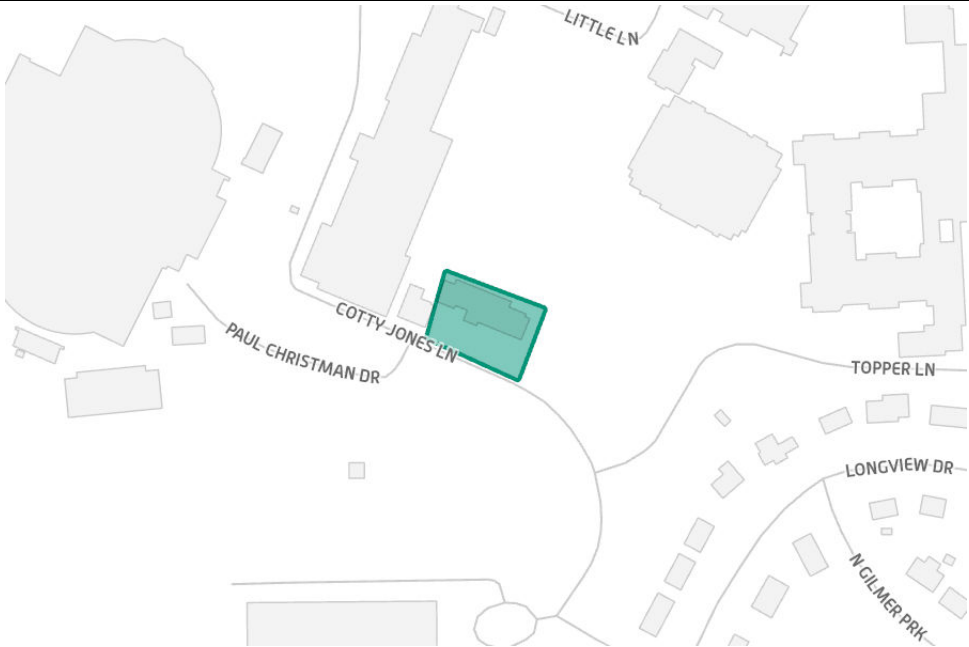
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering & Construction	4,500	1,490	-	-	-	-	1,490
TOTAL	\$4,500	\$1,490	-	-	-	-	\$1,490

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Johnson City Schools	-	1,000	-	-	-	-	1,000
ESSER 3.0 Grant Funds and JC Schools General Purpose School Fund	-	490	-	-	-	-	490
ESSER 2.0 Grant Funds and ESSER 3.0 Grant Funds	4,500	-	-	-	-	-	0
TOTAL	\$4,500	\$1,490	-	-	-	-	\$1,490

SHHS TRADE BUILDING

Complete renovation of SHHS Trade Building. The building has not seen any upgrades/renovations during the SHHS additions/renovations that have been done.

JOHNSON CITY SCHOOLS



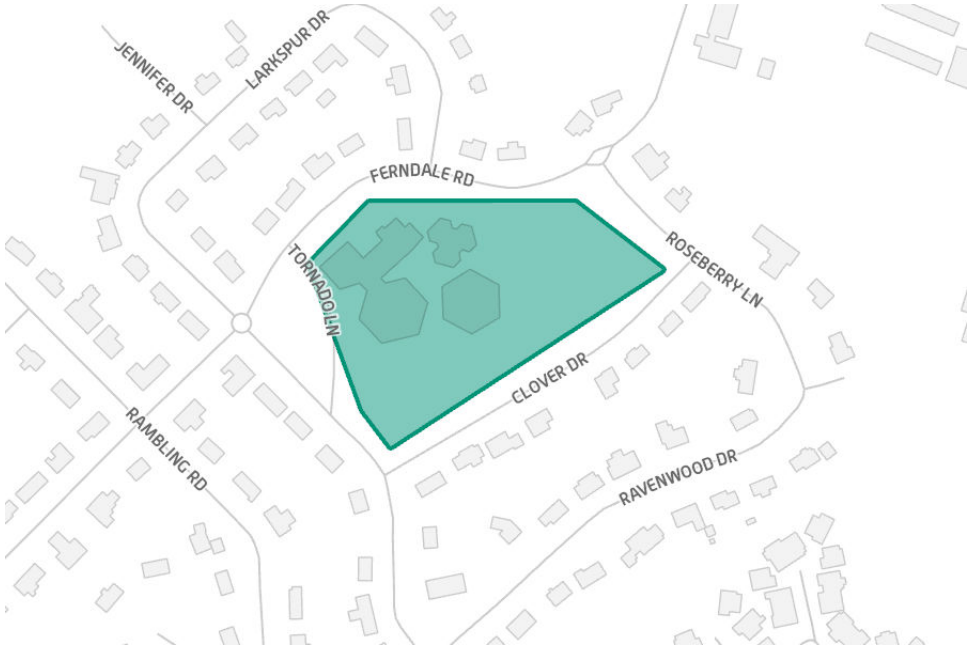
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Architecture and Construction	-	-	2,000	-	-	-	2,000
TOTAL	-	-	\$2,000	-	-	-	\$2,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Pending Grant Funds	-	-	2,000	-	-	-	2,000
TOTAL	-	-	\$2,000	-	-	-	\$2,000

TOWNE ACRES ELEMENTARY NEW SCHOOL

JOHNSON CITY SCHOOLS

Preliminary design and engineering is proposed for the construction of a new Towne Acres Elementary.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Preliminary Design & Engineering	-	-	-	1,000	-	-	1,000
TOTAL	-	-	-	\$1,000	-	-	\$1,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
PEP Bond Issue	-	-	-	1,000	-	-	1,000
TOTAL	-	-	-	\$1,000	-	-	\$1,000



JOHNSON CITY

T E N N E S S E E

TRANSPORTATION

SUMMARY OF PROPOSED IMPROVEMENTS (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ADA Compliance Program	-	-	150	150	150	150	600
Downtown Improvements - Streetscapes	675	100	500	500	500	500	2,100
Major Transportation Improvements	26,500	3,200	1,000	60,000	15,000	50,000	129,200
Sidewalk/Trail Construction	100	150	200	200	200	200	950
State of Franklin Loop Trail	-	-	350	500	500	1,400	2,750
Traffic Signal Installations	850	600	600	600	600	600	3,000
Wayfinding Signage	-	100	100	200	200	-	600
TOTAL	\$28,125	\$4,150	\$2,900	\$62,150	\$17,150	\$52,850	\$139,200

FUNDING SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Economic Development Reserve	-	-	-	-	15,000	-	15,000
Federal - Grants, FWHA, and Safety-Lu	-	700	-	60,000	-	-	60,700
General Fund	175	250	1,300	1,050	1,050	850	4,500
General Obligation Bond Issue	25,000	-	-	500	-	1,400	1,900
General Obligation Bond Proceeds	750	2,500	-	-	-	-	2,500
Other	1,350	700	1,600	600	1,100	50,600	54,600
State - TDOT	850	-	-	-	-	-	0
TOTAL	\$28,125	\$4,150	\$2,900	\$62,150	\$17,150	\$52,850	\$139,200

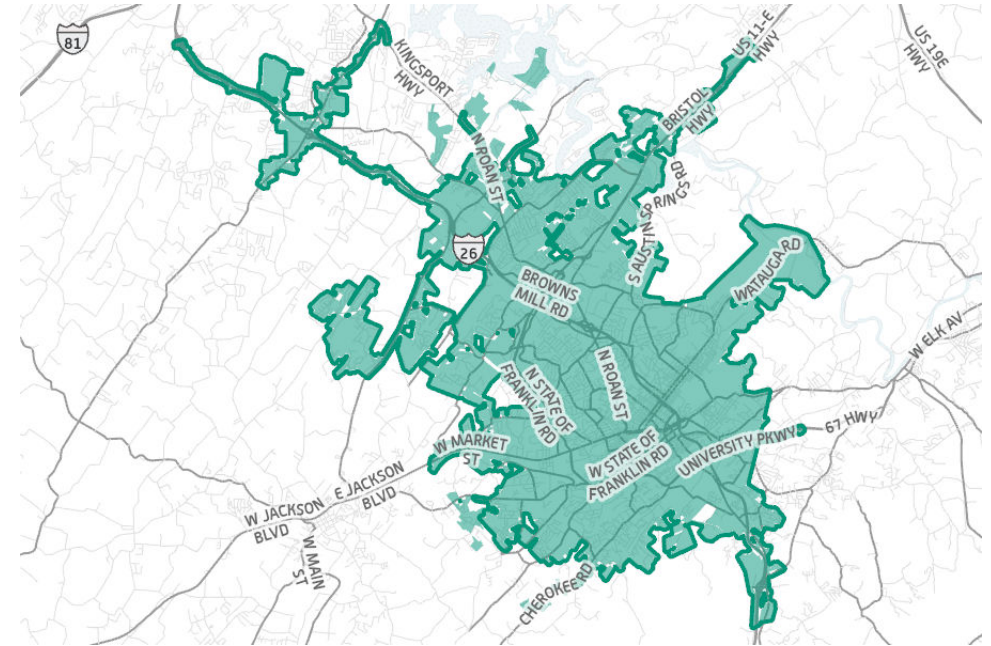
ADA COMPLIANCE PROGRAM

PUBLIC WORKS

This project is intended to bring Johnson City infrastructure into compliance with ADA regulations over a period of time. The sequencing would be as follows:

- 1) Downtown Business District
- 2) Inner city neighborhoods
- 3) Outer city neighborhoods and business districts

A master plan was developed a few years ago which allows for a 30 year implementation period to complete full ADA sidewalk access community wide. These funds are only to begin the process to compliance. It will require far more years of implementation than within this CIP 5-year program. Full cost is approximately \$4 million, or approximately \$150K per year.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Infrastructure Improvements	-	-	150	150	150	150	600
TOTAL	-	-	\$150	\$150	\$150	\$150	\$600

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	150	150	150	150	600
TOTAL	-	-	\$150	\$150	\$150	\$150	\$600

DOWNTOWN IMPROVEMENTS - STREETSCAPES

PUBLIC WORKS

This multi-year project involves expanding on the streetscape enhancements in the downtown area that began in FY 2013. The following details the proposed improvements:

FY 2023 - Crosswalk Lighting - \$600

FY 2023 - Cameras - \$75K

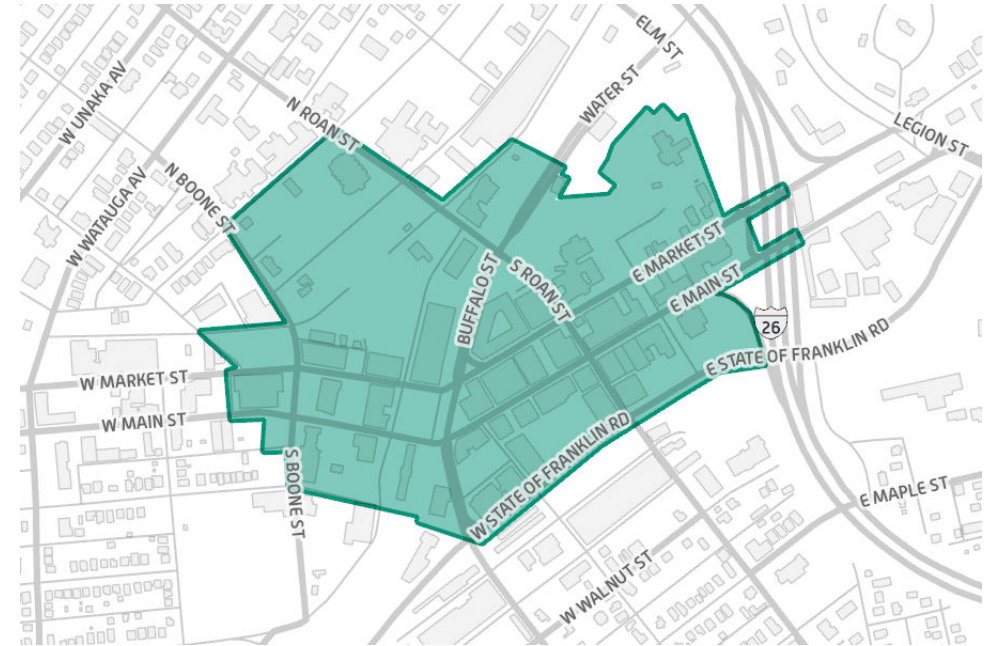
FY 2024 - Boone and Main Parking Lot - \$100K

FY 2025 - Main Street (Buffalo to Roan) - \$500K

FY 2026 - Main Street (Buffalo to Roan) - \$500K

FY 2027 - Market Street (Roan to Division) - \$500K

FY 2028 - Main Street (Roan to Division) - \$500K



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Construction - Cameras	75	-	-	-	-	-	0
Construction - Crosswalk Lighting	600	-	-	-	-	-	0
Construction - Boone/ Main Parking	-	100	-	-	-	-	100
Construction Main Street (Buffalo to Roan)	-	-	500	-	-	-	500
Construction - Main Street (Buffalo to Roan)	-	-	-	500	-	-	500
Construction - Market Street (Roan to Division)	-	-	-	-	500	-	500
Construction - Main Street (Roan to Division)	-	-	-	-	-	500	500
TOTAL	\$675	\$100	\$500	\$500	\$500	\$500	\$2,100

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	75	100	500	500	500	500	2,100
Federal Covid Funds	600	-	-	-	-	-	0
TOTAL	\$675	\$100	\$500	\$500	\$500	\$500	\$2,100

PUBLIC WORKS

W Walnut Street

Oakland/ Mountainview Improvements

Gray Station/ Bobby Hicks Highway (Design)

Gray Station / Bobby Hicks Hwy (ROW)

Gray Station/ Bobby Hicks Hwy (Construction)

FY 28 - Boones Creek Retail Roads (Construction)

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Walnut Street	25,000	-	-	-	-	-	0
Christian Church Design Gray Station/ Bobby Hicks Hwy Design	-	700	-	-	-	-	700

Christian Church ROW Gray Station/ Bobby Hicks Hwy ROW	-	-	1,000	-	-	-	1,000
Christian Church Construction Gray Station/ Bobby Hicks Construction	-	-	-	60,000	-	-	60,000
Innovation Park Infrastructure	-	-	-	-	15,000	-	15,000
Boones Creek Retail Infrastructure	-	-	-	-	-	50,000	50,000
Knob Creek/State of Franklin	750	-	-	-	-	-	0
Knob Creek Bridge	750	-	-	-	-	-	0
Oakland Avenue/Mountainview Road	-	2,500	-	-	-	-	2,500
TOTAL	\$26,500	\$3,200	\$1,000	\$60,000	\$15,000	\$50,000	\$129,200

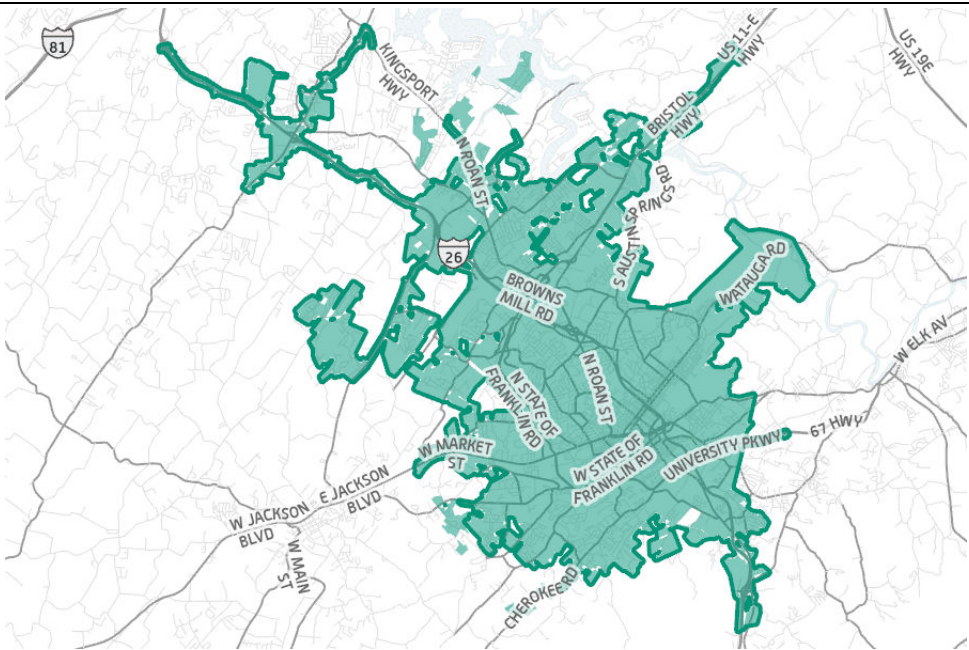
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Obligation Bond Issue	25,000	-	-	-	-	-	0
Federal - Grants, FWHA, and Safety-Lu	-	700	-	60,000	-	-	60,700
STP Funds	750	-	1,000	-	-	-	1,000
Economic Development Reserve	-	-	-	-	15,000	-	15,000
State Sales Tax Proceeds	-	-	-	-	-	50,000	50,000
General Obligation Bond Proceeds	750	2,500	-	-	-	-	2,500
TOTAL	\$26,500	\$3,200	\$1,000	\$60,000	\$15,000	\$50,000	\$129,200

SIDEWALK/TRAIL CONSTRUCTION

The General Plan includes a section on proposed new sidewalk and trail locations. Implementation of that plan should focus on school access, park access, and connectivity to neighborhoods (but not necessarily within individual neighborhoods). To do so emphasizes locations along arterials and collectors, and in the process develops a series of loops, which would eventually overlap. Implementation elements include design, right of way purchase, and construction. Funding is based on \$10/ft. design (private), \$10/ft. right of way, and \$20/ft. in-house construction for sidewalks and \$10/ft. design, \$20/ft. right of way, and \$40/ft. in-house construction for trails.

- FY 23 - N Roan (S); Oakland Ave (S)
- FY 24 - N Roan (S); S. Roan (S); Southwest ROW (T); Lone Oak ROW (T)
- FY 25 - Oakland (S); Southwest CONST (T)
- FY 26 - Woodland (S); Lone Oak CONST (T)
- FY 27 - Bristol Hwy (S); Carroll Creek DESIGN (T)
- FY 28 - Antioach Rd (S); Carroll Creek DESIGN (T)

PUBLIC WORKS



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
---------------------------------------	----------------------	---------------------	---------	---------	---------	---------	---------------------

Sidewalks	100	-	-	-	-	-	0
Sidewalks - Trails	-	150	200	200	200	200	950
TOTAL	\$100	\$150	\$200	\$200	\$200	\$200	\$950

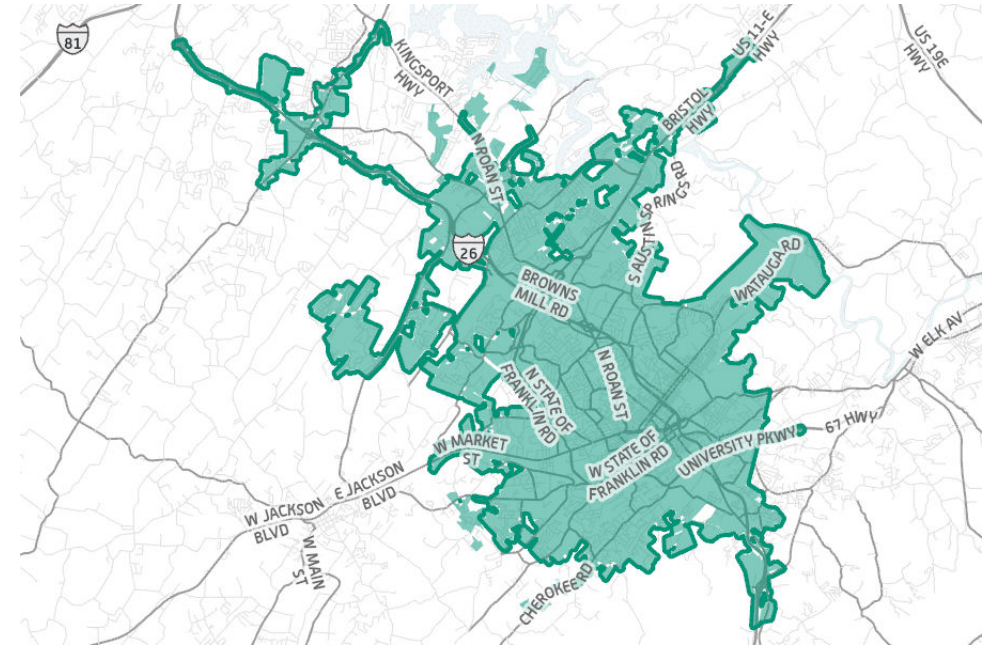
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	100	150	200	200	200	200	950
TOTAL	\$100	\$150	\$200	\$200	\$200	\$200	\$950

STATE OF FRANKLIN LOOP TRAIL

PUBLIC WORKS

This project involves constructing a 25 mile loop trail around Johnson City connecting the following major historic and recreation destinations and various neighborhoods throughout the community, including: 1) Downtown Business District; 2) Tweetsie Trail; 3) Mountain Bike Park; 4) Watauga River; 5) Boone Lake; 6) Rocky Mount; 7) Winged Deer Park; and 8) VA Campus.

FY 25 - Watauga River Extension (design) - \$350K
FY 26 - Watauga River Extension (ROW) - \$500K
FY 27 - Watauga River Extension (ROW) - \$500K
FY 28 - Watauga River Extension (const) - \$1,000K
FY 28 - Boone Lake (design) - \$400K
FY 29 - Boone Lake (ROW) - \$1,000K



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Trail Improvements	-	-	350	500	500	1,400	2,750
TOTAL	-	-	\$350	\$500	\$500	\$1,400	\$2,750

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	-	350	-	-	-	350
General Obligation Bond Issue	-	-	-	500	-	1,400	1,900
General Fund Bond	-	-	-	-	500	-	500
TOTAL	-	-	\$350	\$500	\$500	\$1,400	\$2,750

WAYFINDING SIGNAGE

PUBLIC WORKS

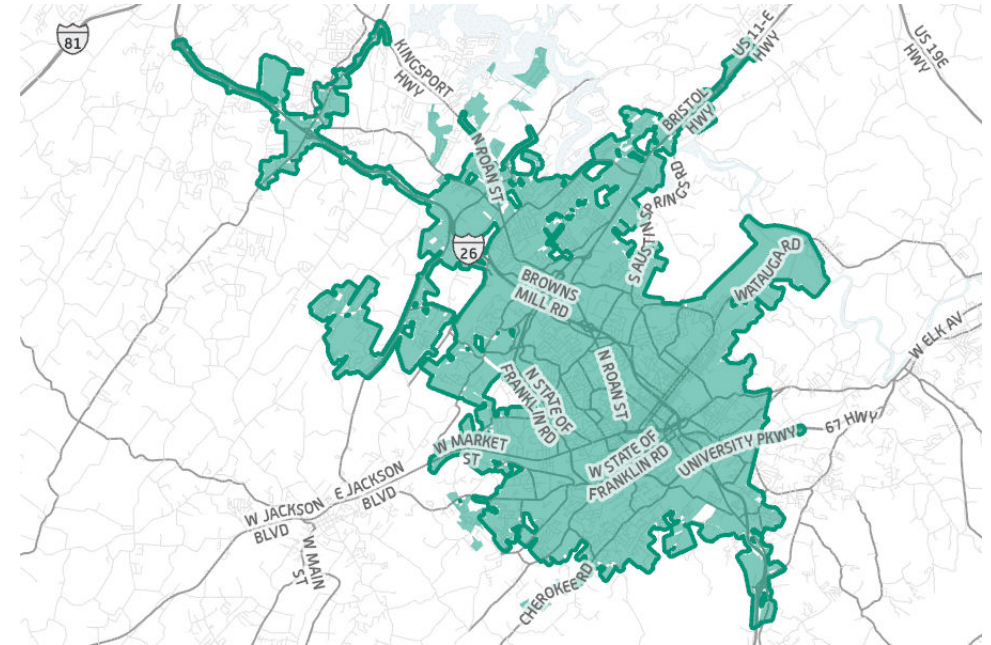
This multi-year project involves expanding on the streetscape enhancements in the downtown area that began in FY 2013. The following details the proposed improvements for upgrading signage in the downtown area.

FY 2024 - Wayfinding Parking Signs

FY 2025 - Wayfinding Traffic Control Signage Walnut Street

FY 2026 - Wayfinding Sign Sevier Street

FY 2027 - Wayfinding Sign Bristol Hwy



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Wayfinding Signage - Parking	-	100	-	-	-	-	100
Wayfinding Signage - Walnut Street	-	-	100	-	-	-	100
Wayfinding Signage - Sevier Street	-	-	-	200	-	-	200
Wayfinding Signage - Bristol Hwy	-	-	-	-	200	-	200
TOTAL	-	\$100	\$100	\$200	\$200	-	\$600

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	100	100	200	200	-	600
TOTAL	-	\$100	\$100	\$200	\$200	-	\$600



JOHNSON CITY

T E N N E S S E E

UTILITIES

SUMMARY OF PROPOSED IMPROVEMENTS (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
1838 Water Transmission Line Outer Loop 7500 LF	100	1,000	900	-	-	-	1,900
1937 Water Booster Station Upgrade	500	-	-	-	-	-	0
2009 Water Pressure Zone Eastward Expansion	500	-	-	-	1,000	600	1,600
Boones Creek Sewer Interceptor Replacement I-26 to B Station- Phase II	3,000	2,050	-	-	-	-	2,050
Brush Creek Sewer Interceptor Replacement - Lower	11,700	2,500	-	-	-	-	2,500
Brush Creek WWTP Phase II Wet Weather Storage	-	-	-	1,500	12,000	-	13,500
Brush Creek WWTP Return & Waste Pump Replacement Including Electrical Hardware	-	300	2,500	1,000	-	-	3,800
Brush Creek Wastewater Treatment Plant Aeration	1,300	-	-	-	-	-	0
Brush Creek Wastewater Treatment Plant Stand-By Power	400	300	-	-	-	-	300
C Station Wastewater Lift Station Replacement	3,000	1,250	-	-	-	-	1,250
Contracted Utility Improvements	500	500	500	500	500	500	2,500
Emergency Preparedness and Security Improvements for Water and Sewer Facilities	75	75	75	75	75	75	375
H Lift Station Replacement and Gravity Sewer Extension	200	3,000	3,000	-	-	-	6,000
Knob Creek Boat Dock Road Lift Station Upgrade	-	1,500	2,000	-	-	-	3,500
Knob Creek Road Realignment & CSX Railroad Utility Improvements	500	1,500	800	-	-	-	2,300
Knob Creek WWTP Phase II Wet Weather Storage	-	-	-	-	1,500	1,500	3,000
Knob Creek WWTP to Brush Creek WWTP Transfer Pumping and Forcemain	-	-	600	6,000	6,000	-	12,600
Knob Creek Wastewater Treatment Plant Aeration Rehabilitation	150	2,800	-	-	-	-	2,800
Miscellaneous Water/Sewer RFC Planning and Engineering Projects	200	200	200	225	350	400	1,375
Parallel Raw Water Transmission Line	-	3,100	2,000	-	-	-	5,100
Parallel Water Transmission Line (7600LF)	-	-	-	1,900	1,900	-	3,800
Regional Sewer Capacity Improvements - Phase III (B Station Force Main)	400	4,000	4,000	-	-	-	8,000

Sanitary Sewer Rehabilitation and Replacement - Root Removal	75	75	100	100	200	200	675
Service Center Relocation and Replacement	7,000	500	500	-	-	-	1,000
Sewer Lift Station Phase Out	500	500	500	500	1,000	1,000	3,500
Sewer Lift Station Rehabilitation	50	50	50	50	50	50	250
Sinking Creek Sewer Lift Station Upgrade	2,000	5,400	-	-	-	-	5,400
Small Diameter Waterline Replacement - 3" or Less	1,000	1,000	1,000	1,000	1,150	1,250	5,400
State of Franklin Rd Sewer Interceptor Replacement I-26 to Hanover Rd	-	-	-	800	700	-	1,500
Tank Rehabilitation and Maintenance	650	700	500	500	500	500	2,700
Technology Plan - Brush Creek & Knob Creek Wastewater Treatment Plant SCADA	70	-	1,500	1,500	-	-	3,000
Technology Plan Implementation - Advanced Meter Infrastructure - Phased Implemenation	150	6,000	6,000	6,000	-	-	18,000
Utility Billing Software Implemenation	-	700	700	200	200	200	2,000
Walnut Street Corridor Utility Improvements	4,000	700	-	-	-	-	700
Washington County Water Line Extensions Project	800	1,300	-	-	-	-	1,300
Wastewater Collection Line Rehabilitation and Replacement	1,000	1,250	1,250	1,250	2,000	2,250	8,000
Water Main Replacement 4"	100	1,100	750	750	900	900	4,400
Water SCADA Upgrade	80	1,500	-	-	-	-	1,500
Water and Wastewater Plant and Facility Improvements	433	400	400	400	450	450	2,100
Water and Wastewater Treatment Plant Architectural and Site Improvements	600	250	360	250	250	360	1,470
Western Water Service Area Upgrades	-	-	2,000	2,000	-	-	4,000
TOTAL	\$41,033	\$45,500	\$32,185	\$26,500	\$30,725	\$10,235	\$145,145

FUNDING SUMMARY (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Other	10,850	4,200	700	-	-	-	4,900
Water/Bond Proceeds	12,100	8,000	2,000	-	-	-	10,000
Water/Sewer Bond Issue	9,570	25,100	23,300	20,700	23,100	2,100	94,300
Water/Sewer Fund	8,513	8,200	6,185	5,800	7,625	8,135	35,945
TOTAL	\$41,033	\$45,500	\$32,185	\$26,500	\$30,725	\$10,235	\$145,145

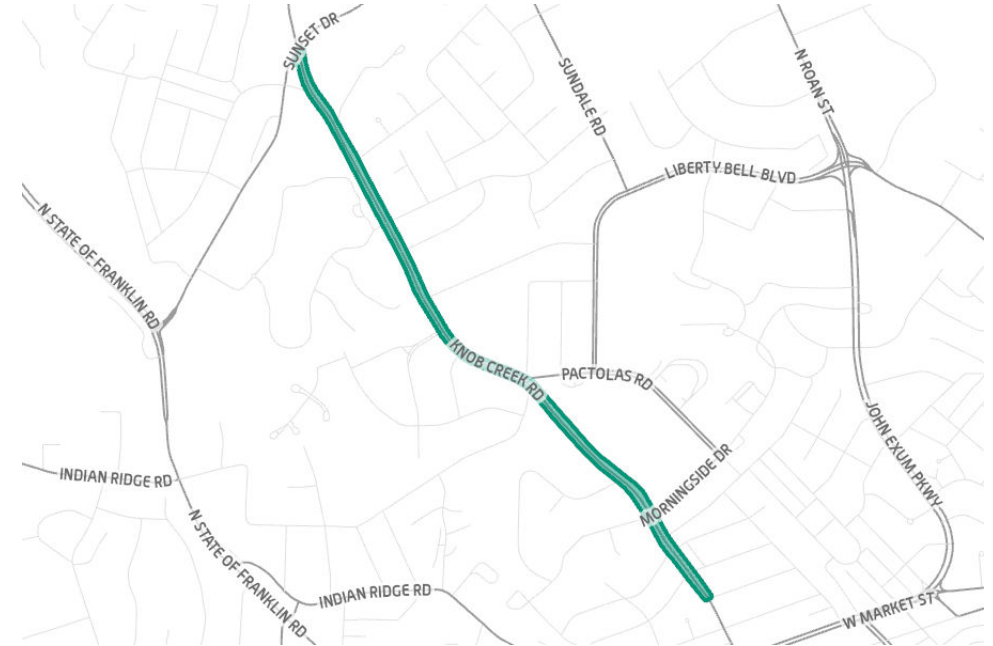
1838 WATER TRANSMISSION LINE OUTER LOOP 7500 LF

WATER/SEWER

Additional 16" water transmission line to the western portion of the city water system for redundancy and flow availability along Knob Creek Road from approximately Polk Avenue to Sunset Drive.
(Not programmed into the 19-22 Capital Plan)

FY24- \$1,000,000 (Finalize Design/ Begin Construction)

FY25- \$900,000 (Complete Construction)



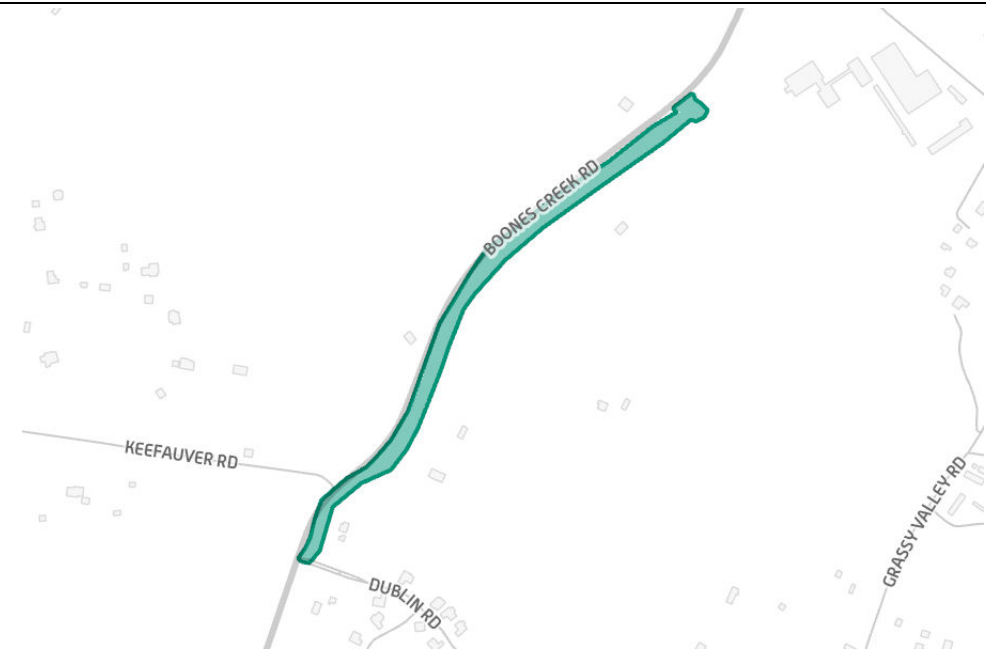
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	100	1,000	900	-	-	-	1,900
TOTAL	\$100	\$1,000	\$900	-	-	-	\$1,900

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	100	-	-	-	-	-	0
Water/Sewer Bond Issue	-	1,000	900	-	-	-	1,900
TOTAL	\$100	\$1,000	\$900	-	-	-	\$1,900

1937 WATER BOOSTER STATION UPGRADE

WATER/SEWER

Upgrade capacity of Water Booster Station in the 1937 pressure zone. Original Stations constructed mid 1990's. Installation of new booster station along Boones Creek Rd near Bright Ridge property with installation of approximately 3500 LF of 16" waterline along Boones Creek Road by force account crews.



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	500	-	-	-	-	-	0
TOTAL	\$500	-	-	-	-	-	\$0

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	500	-	-	-	-	-	0
TOTAL	\$500	-	-	-	-	-	\$0

2009 WATER PRESSURE ZONE EASTWARD EXPANSION

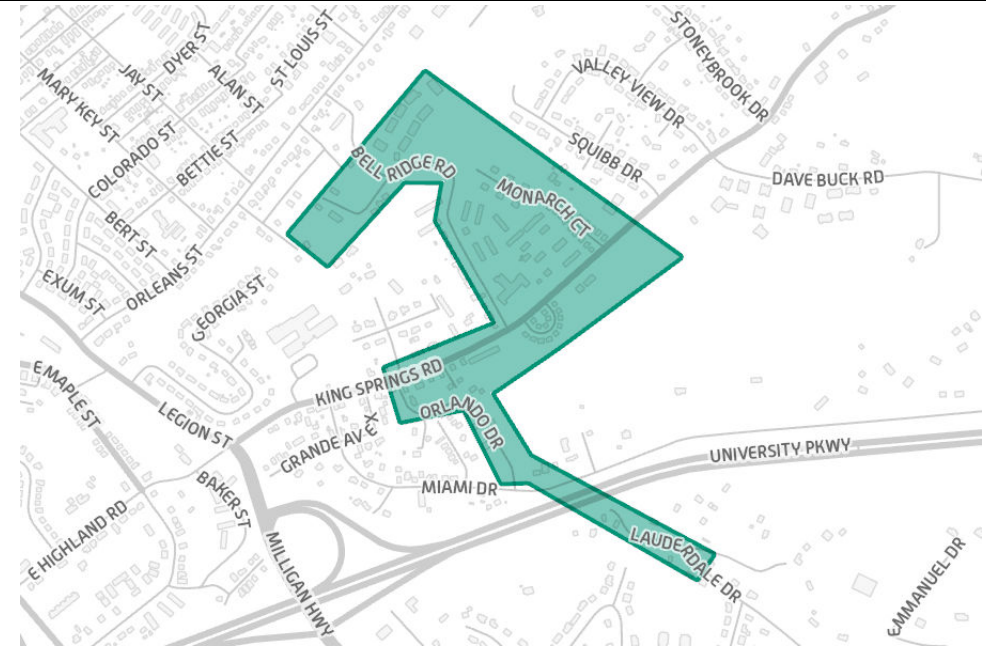
WATER/SEWER

12" Water Transmission Main to reinforce the Southeast portion of the water distribution system, between the 1838 and 2009 water pressure zones to eliminate booster pump stations, increase flow protection and enhance water storage West of Interstate 26.

(Partially programmed into the 19-22 Capital Plan)

FY27- \$1,000,000 (Finalize Next Phase Design/ Begin Construction)

FY28- \$600,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	500	-	-	-	1,000	600	1,600
TOTAL	\$500	-	-	-	\$1,000	\$600	\$1,600

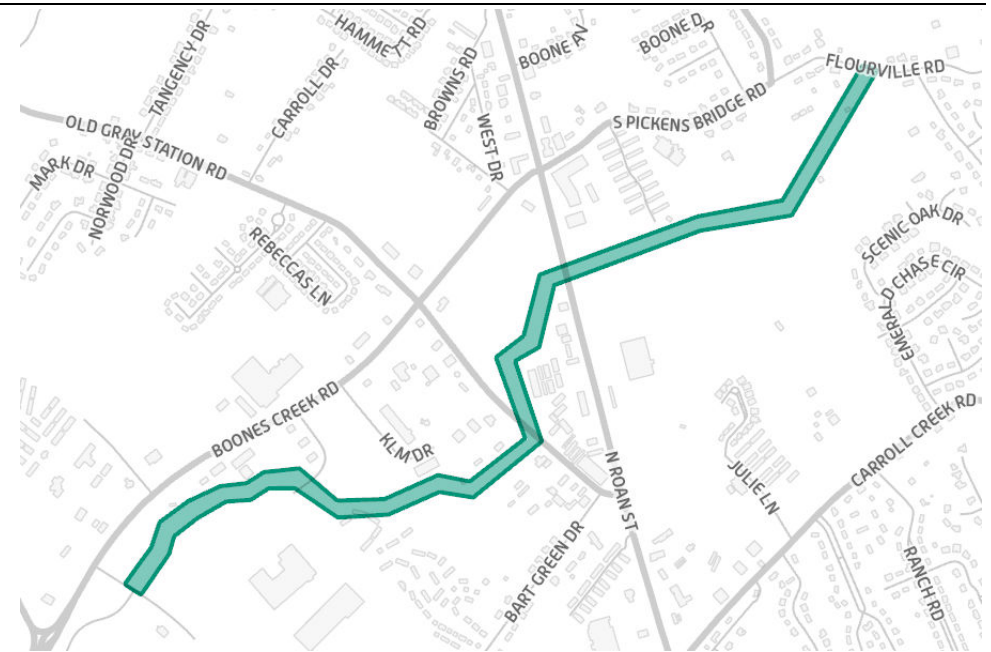
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	500	-	-	-	1,000	600	1,600
TOTAL	\$500	-	-	-	\$1,000	\$600	\$1,600

BOONES CREEK SEWER INTERCEPTOR REPLACEMENT I-26 TO B STATION- PHASE II

WATER/SEWER

Approximately 12,000 LF Replacement of existing gravity sewer interceptor along Boones Creek from I-26 downstream to B Sewer Lift Station. For capacity for future growth.(Programmed into the 19-22 Capital Plan)

FY24- \$2,050,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/ROW/Construction	3,000	2,050	-	-	-	-	2,050
TOTAL	\$3,000	\$2,050	-	-	-	-	\$2,050

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Bond Proceeds	3,000	2,050	-	-	-	-	2,050
TOTAL	\$3,000	\$2,050	-	-	-	-	\$2,050

**BRUSH CREEK SEWER INTERCEPTOR REPLACEMENT -
LOWER**

WATER/SEWER

Replacement of the Lower Brush Creek Sanitary Sewer Interceptor from Broadway to the Brush Creek WWTP of over 21,000 LF. Proposed line will upgrade existing line from 30" to 42".
(Programmed partially into the 13-16 Capital Plan)

FY24- \$2,500,000 (Complete Construction)



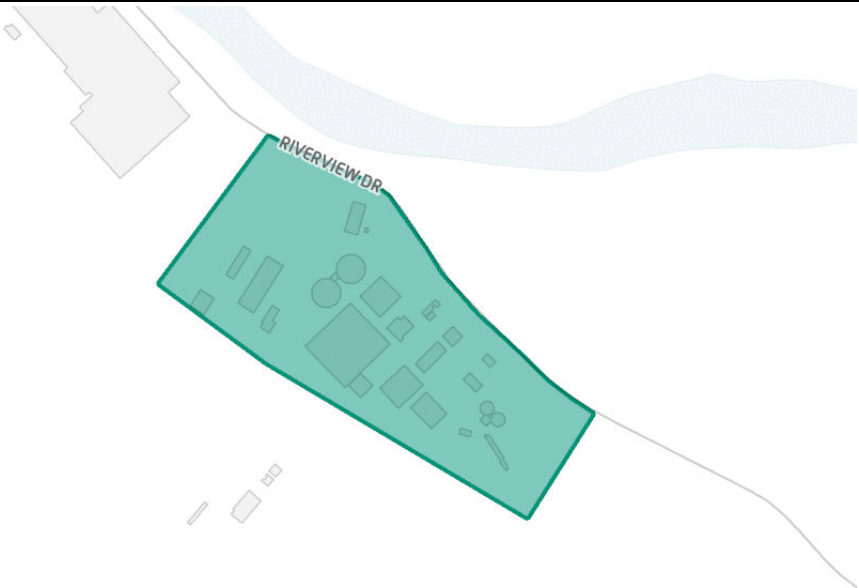
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/ROW/Construction	11,700	2,500	-	-	-	-	2,500
TOTAL	\$11,700	\$2,500	-	-	-	-	\$2,500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Bond Proceeds	400	-	-	-	-	-	0
SRF	2,000	-	-	-	-	-	0
Water/Sewer Fund	2,500	1,500	-	-	-	-	1,500
ARPA	6,800	1,000	-	-	-	-	1,000
TOTAL	\$11,700	\$2,500	-	-	-	-	\$2,500

**BRUSH CREEK WASTEWATER TREATMENT PLANT
AERATION**

WATER/SEWER

New blowers, electrical, and piping at the Brush Creek WWTP to replace 1971 and 1985 aeration equipment which has reached its useful service life.
(Programmed into the 19-22 Capital Plan)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	1,300	-	-	-	-	-	0
TOTAL	\$1,300	-	-	-	-	-	\$0

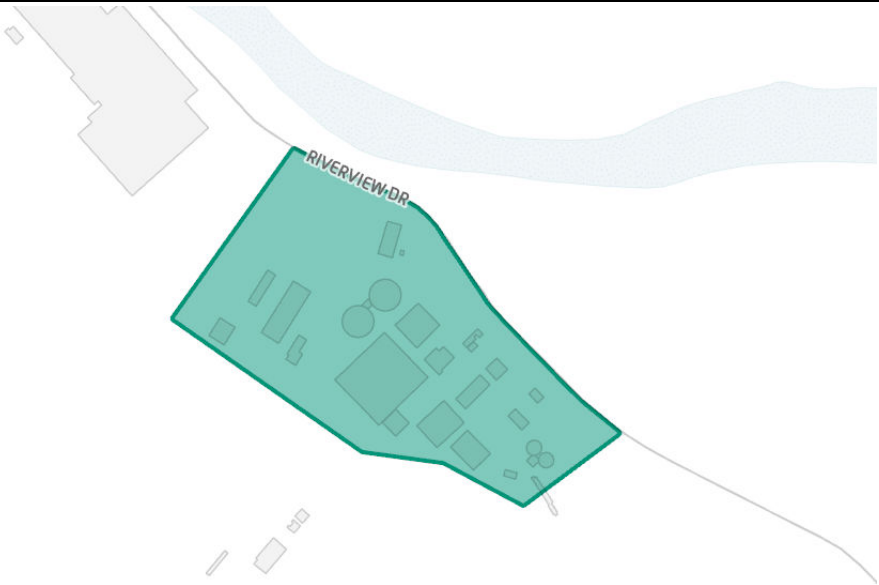
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	1,300	-	-	-	-	-	0
TOTAL	\$1,300	-	-	-	-	-	\$0

**BRUSH CREEK WASTEWATER TREATMENT PLANT
STAND-BY POWER**

WATER/SEWER

Add a standby generator to power all critical operations in case of a prolonged power outage or significant storm event at the Brush Creek Wastewater Treatment Plant.

FY24- \$300,000 (Complete Construction)



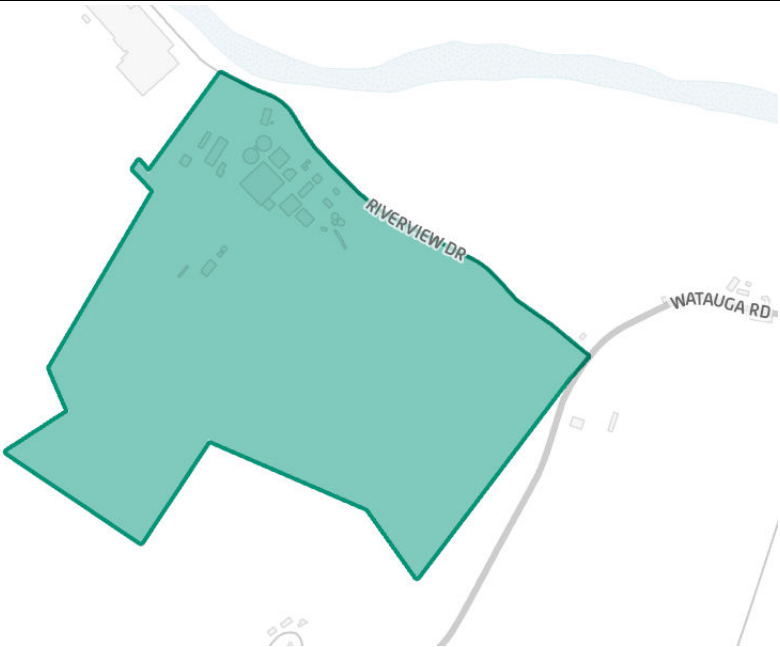
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	400	300	-	-	-	-	300
TOTAL	\$400	\$300	-	-	-	-	\$300

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	150	100	-	-	-	-	100
Grant (FEMA)	250	200	-	-	-	-	200
TOTAL	\$400	\$300	-	-	-	-	\$300

BRUSH CREEK WWTP PHASE II WET WEATHER STORAGE

Additional wet weather storage outside the Brush Creek Wastewater Treatment Plant (WWTP) campus to buffer & store wet weather flows.
(Not programmed into the 19-22 Capital Plan)

FY26- \$1,500,000 (Finalize Design/ Begin Construction)
FY27- \$12,000,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	-	-	-	1,500	12,000	-	13,500
TOTAL	-	-	-	\$1,500	\$12,000	-	\$13,500

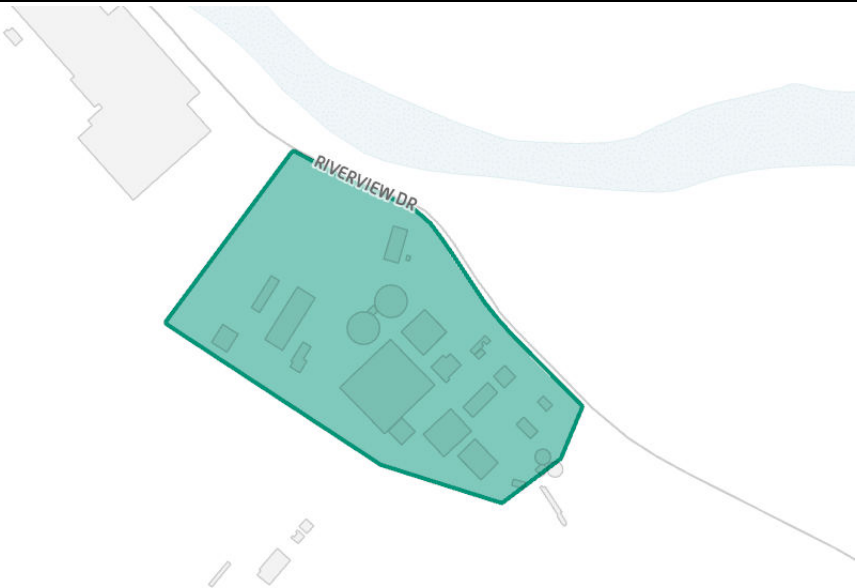
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	-	1,500	12,000	-	13,500
TOTAL	-	-	-	\$1,500	\$12,000	-	\$13,500

**BRUSH CREEK WWTP RETURN & WASTE PUMP
REPLACEMENT INCLUDING ELECTRICAL HARDWARE**

WATER/SEWER

Replacement of the Brush Creek Wastewater Treatment Plant Return and Waste Pump as well as all necessary electrical hardware.
(Not programmed into the 19-22 Capital Plan)

FY24- \$300,000 (Begin Design)
FY25- \$2,500,000 (Finalize Design/ Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	-	300	2,500	1,000	-	-	3,800
TOTAL	-	\$300	\$2,500	\$1,000	-	-	\$3,800

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	300	2,500	1,000	-	-	3,800
TOTAL	-	\$300	\$2,500	\$1,000	-	-	\$3,800

C STATION WASTEWATER LIFT STATION REPLACEMENT

WATER/SEWER

Replacement of existing wastewater lift station near Reedy Creek, located off of Boring Chapel Road that was originally installed in the 1970's.
(Programmed into the 19-22 Capital Plan)

FY24- \$1,250,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	3,000	1,250	-	-	-	-	1,250
TOTAL	\$3,000	\$1,250	-	-	-	-	\$1,250

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	-	-	-	-	0
Water/Bond Proceeds	3,000	1,250	-	-	-	-	1,250
TOTAL	\$3,000	\$1,250	-	-	-	-	\$1,250

CONTRACTED UTILITY IMPROVEMENTS

These projects consist of water & sewer improvements for local road improvements, and annexation areas. This work will be primarily contracted out vs force account delivered.

This is a recurring project for each successive fiscal year.

WATER/SEWER

[illegible][illegible]

**EMERGENCY PREPAREDNESS AND SECURITY
IMPROVEMENTS FOR WATER AND SEWER FACILITIES**

WATER/SEWER

Additional emergency preparedness equipment for water booster stations, sewer lift stations, and other facilities in the system.
Auxiliary power, backup pumping equipment, mobile temporary equipment, etc. is intended to be purchased with this budgeted expense.
Improvement of security for water/sewer facilities including: water treatment plants, raw water intakes, water booster stations, sewer treatment plants, sewer pumping stations, water storage tanks, warehouse, and offices.
Includes equipment and facility improvements necessary to better protect both personnel and facilities, such as fencing, barriers, etc.
This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Equipment	75	75	75	75	75	75	375
TOTAL	\$75	\$75	\$75	\$75	\$75	\$75	\$375

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	75	75	75	75	75	75	375
TOTAL	\$75	\$75	\$75	\$75	\$75	\$75	\$375

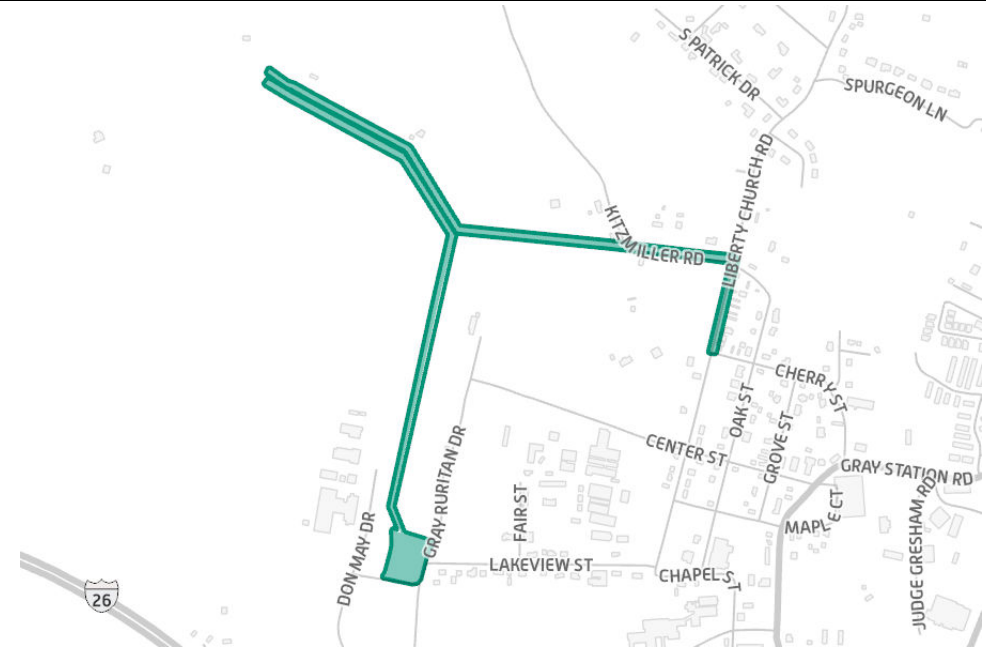
H LIFT STATION REPLACEMENT AND GRAVITY SEWER EXTENSION

WATER/SEWER

Replace existing sewer lift station for additional capacity within the R1E Sewer Basin to include 4,600 Linear Feet of 18-inch gravity interceptor, and approximately 5,300 linear feet of 12-inch force main.
(Not programmed in the 19-22 Capital Plan)

FY24- \$3,000,000 (Finalize Design/ Begin Construction)

FY25- \$3,000,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
H Lift Station Replacement and Gravity Sewer Extension	200	3,000	3,000	-	-	-	6,000
TOTAL	\$200	\$3,000	\$3,000	-	-	-	\$6,000

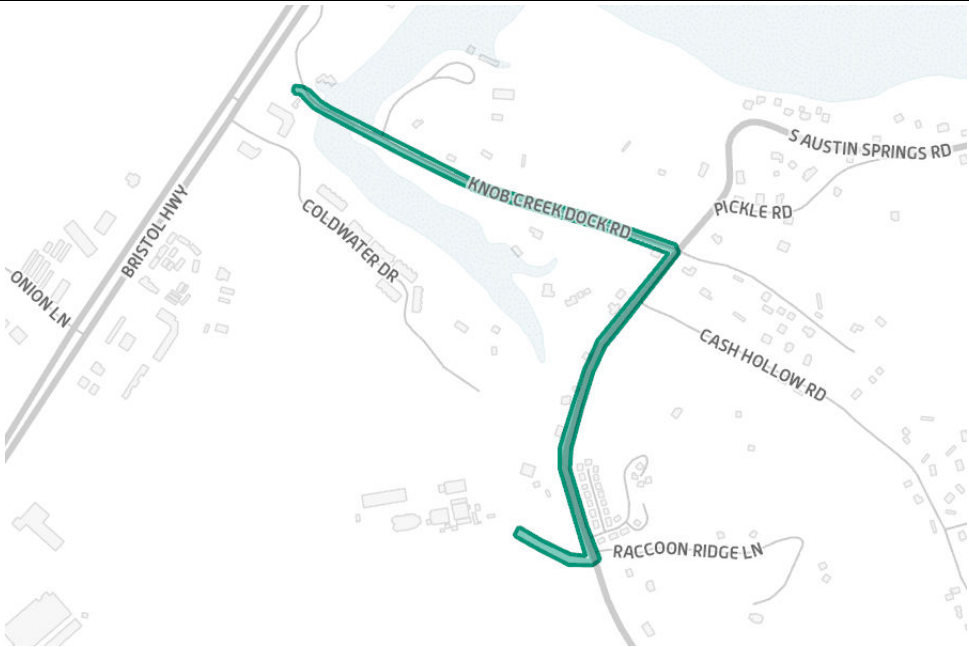
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	200	3,000	3,000	-	-	-	6,000
TOTAL	\$200	\$3,000	\$3,000	-	-	-	\$6,000

NOB CREEK BOAT DOCK ROAD LIFT STATION UPGRADE

WATER/SEWER

Upgrade existing sewer lift station for additional capacity in Knob Creek sewer basin.
(Not programmed into the 19-22 Capital Plan)

FY24- \$1,500,000 (Finalize Design)
FY25- \$2,000,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	-	1,500	2,000	-	-	-	3,500
TOTAL	-	\$1,500	\$2,000	-	-	-	\$3,500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	1,500	2,000	-	-	-	3,500
TOTAL	-	\$1,500	\$2,000	-	-	-	\$3,500

Knob Creek Road Realignment & CSX Railroad Utility Improvements

WATER/SEWER

Improvements to be coordinated with road and bridge construction

*16" water line Knob Creek Rd

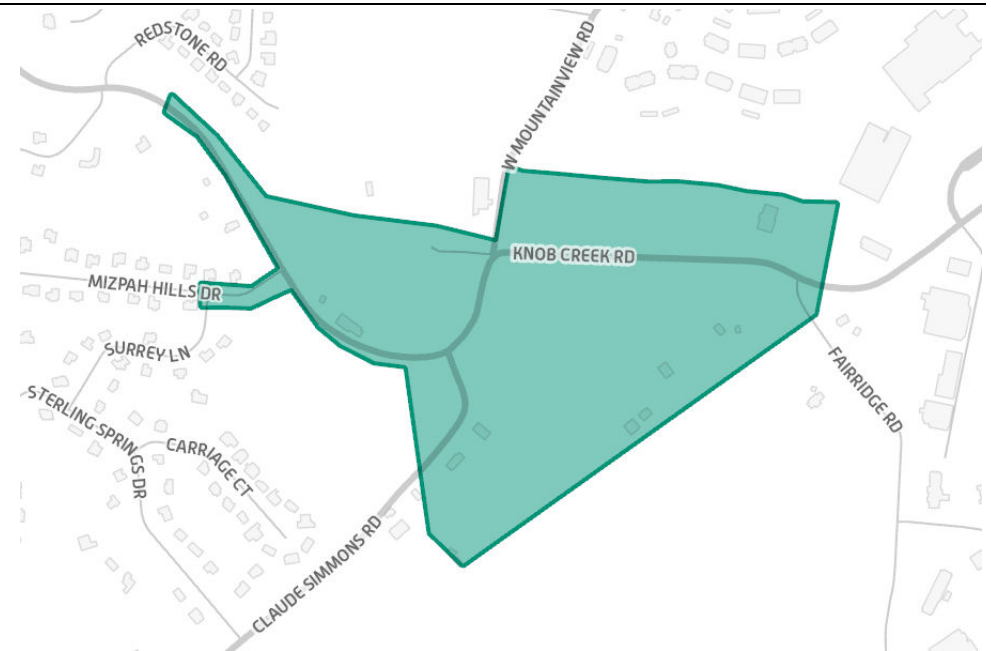
*Sell's Farm Lift Station Phase Out

*Stone Ridge Sewer Lift Station Phase Out (Phase I Improvements in Construction Zone)

(Programmed into the 19-22 Capital Plan)

FY24- \$1,500,000 (Begin Construction)

FY25- \$800,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	500	1,500	800	-	-	-	2,300
TOTAL	\$500	\$1,500	\$800	-	-	-	\$2,300

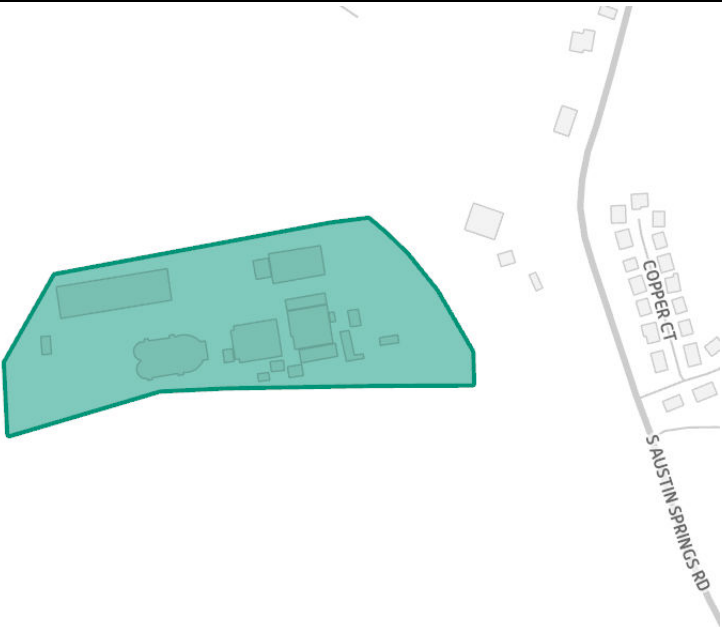
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	500	1,500	800	-	-	-	2,300
TOTAL	\$500	\$1,500	\$800	-	-	-	\$2,300

**NOB CREEK WASTEWATER TREATMENT PLANT
AERATION REHABILITATION**

WATER/SEWER

Rehabilitation of the Knob Creek Wastewater Treatment Plant (WWTP) 1971
aeration system to supplement future plant loadings.
(Programmed into the 19-22 Capital Plan)

FY24- \$2,800,000 (Finalize Design/ Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	150	2,800	-	-	-	-	2,800
TOTAL	\$150	\$2,800	-	-	-	-	\$2,800

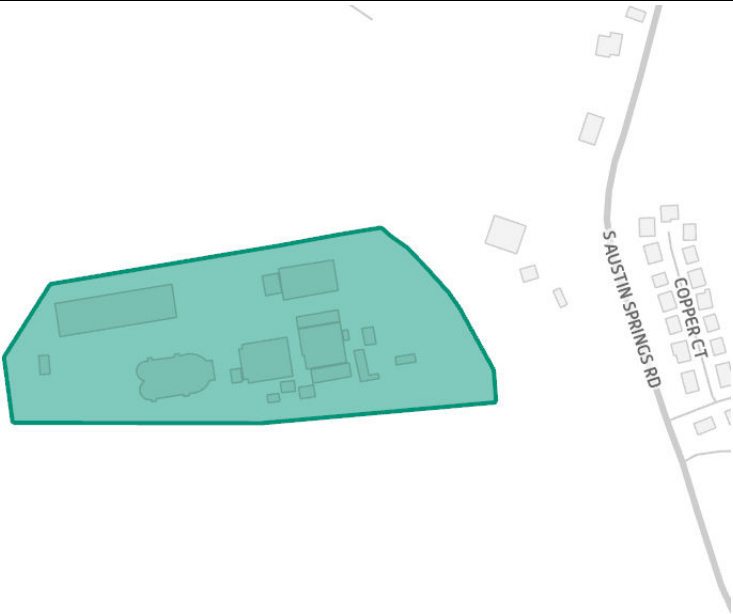
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	150	2,800	-	-	-	-	2,800
TOTAL	\$150	\$2,800	-	-	-	-	\$2,800

NOB CREEK WWTP PHASE II WET WEATHER STORAGE

WATER/SEWER

Onsite storage for wet weather control at the Knob Creek WWTP.
(Not programmed into the 19-22 Capital Plan)

FY27- \$1,500,000 (Finalize Design/ Begin Construction)
FY28- \$1,500,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Design	-	-	-	-	1,500	-	1,500
Engineering/ Construction	-	-	-	-	-	1,500	1,500
TOTAL	-	-	-	-	\$1,500	\$1,500	\$3,000

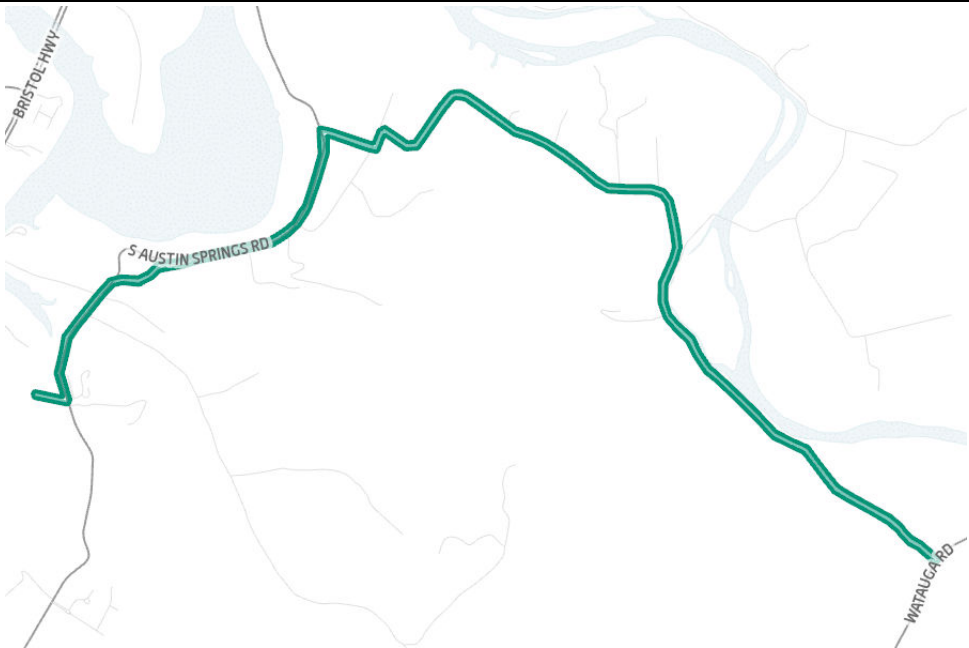
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	-	-	1,500	1,500	3,000
TOTAL	-	-	-	-	\$1,500	\$1,500	\$3,000

**Knob Creek WWTP to Brush Creek WWTP Transfer
Pumping and Forcemain**

WATER/SEWER

Pumping and Forcemain from the Knob Creek Wastewater Treatment Plant (WWTP) to the Brush Creek Wastewater Treatment Plant (WWTP) to assist in handling future dry weather flows and peak wet weather flows. (Not programmed into the 19-22 Capital Plan)

FY 25 - \$600,000 (Finalize Design)
FY 26 - \$6,000,000 (Begin Construction)
FY 27 - \$6,000,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	-	-	600	6,000	6,000	-	12,600
TOTAL	-	-	\$600	\$6,000	\$6,000	-	\$12,600

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	600	6,000	6,000	-	12,600
TOTAL	-	-	\$600	\$6,000	\$6,000	-	\$12,600

MISCELLANEOUS WATER/SEWER RFC PLANNING AND
ENGINEERING PROJECTS

WATER/SEWER

Funding for any additional planning documents, engineering studies and designs, and improvements necessary on an annual basis that are not currently anticipated as part of maintaining the Water and Sewer Services Department. This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	200	200	200	225	350	400	1,375
TOTAL	\$200	\$200	\$200	\$225	\$350	\$400	\$1,375

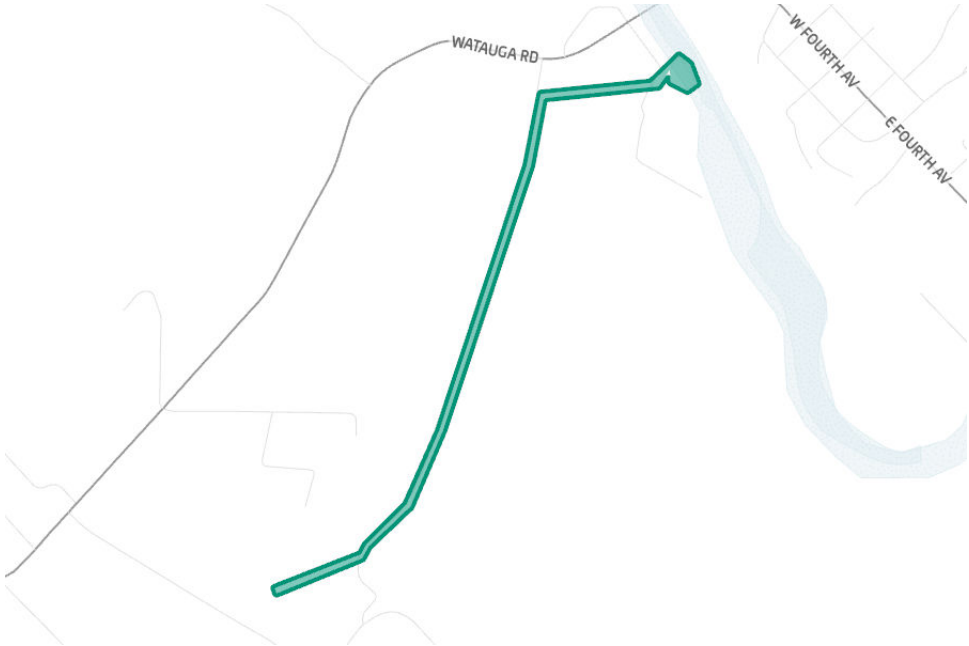
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	200	200	200	225	350	400	1,375
TOTAL	\$200	\$200	\$200	\$225	\$350	\$400	\$1,375

PARALLEL RAW WATER TRANSMISSION LINE

WATER/SEWER

Original Raw Water Line from the Watauga River Raw Water Intake to the Watauga Water Treatment Plant was installed in 1967. This would allow for redundancy in the event of a failure.
(Not programmed into the 19-22 Capital Plan)

FY24- \$3,100,000 (Finalize Design/ Begin Construction)
FY25- \$2,000,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	-	3,100	2,000	-	-	-	5,100
TOTAL	-	\$3,100	\$2,000	-	-	-	\$5,100

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	3,100	2,000	-	-	-	5,100
TOTAL	-	\$3,100	\$2,000	-	-	-	\$5,100

PARALLEL WATER TRANSMISSION LINE (7600LF)

WATER/SEWER

Installation of redundant High Service water transmission line in the event of a failure of the original High Service Line which was installed in the 1950s.
(Not programmed into the 19-22 Capital Plan)

FY26- \$1,900,000 (Finalize Design)
FY27- \$1,900,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	-	-	-	1,900	1,900	-	3,800
TOTAL	-	-	-	\$1,900	\$1,900	-	\$3,800

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	-	1,900	1,900	-	3,800
TOTAL	-	-	-	\$1,900	\$1,900	-	\$3,800

REGIONAL SEWER CAPACITY IMPROVEMENTS - PHASE III (B STATION FORCE MAIN)

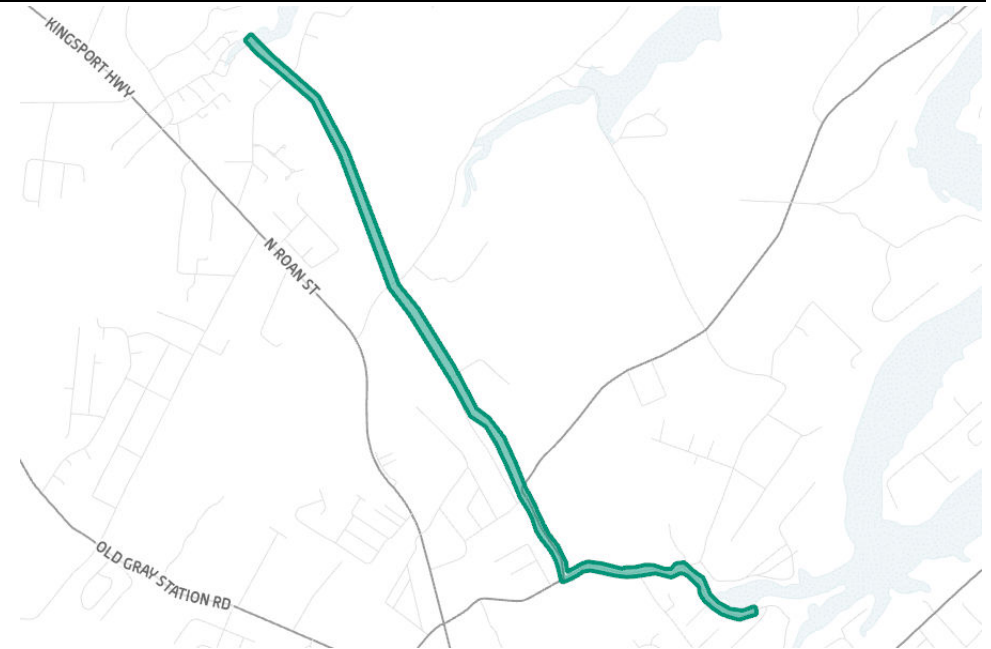
WATER/SEWER

Continuation of the expansion of the regional collection system by adding a 30" force main sewer from B Station to D Station. This will provide additional capacity and added utilization of previous improvements to the pumping stations.

(Programmed into the 19-22 Capital Plan)

FY24- \$4,000,000 (Begin Construction)

FY25- \$4,000,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/ROW/Construction	400	4,000	4,000	-	-	-	8,000
TOTAL	\$400	\$4,000	\$4,000	-	-	-	\$8,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	2,000	-	-	-	2,000
Water/Bond Proceeds	400	4,000	2,000	-	-	-	6,000
TOTAL	\$400	\$4,000	\$4,000	-	-	-	\$8,000

**SANITARY SEWER REHABILITATION AND REPLACEMENT
- ROOT REMOVAL**

WATER/SEWER

Funding for the rehabilitation and replacement of gravity sewer collection system impacted by roots. This is a multi-year program for the city that will continue into the future. This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	75	75	100	100	200	200	675
TOTAL	\$75	\$75	\$100	\$100	\$200	\$200	\$675

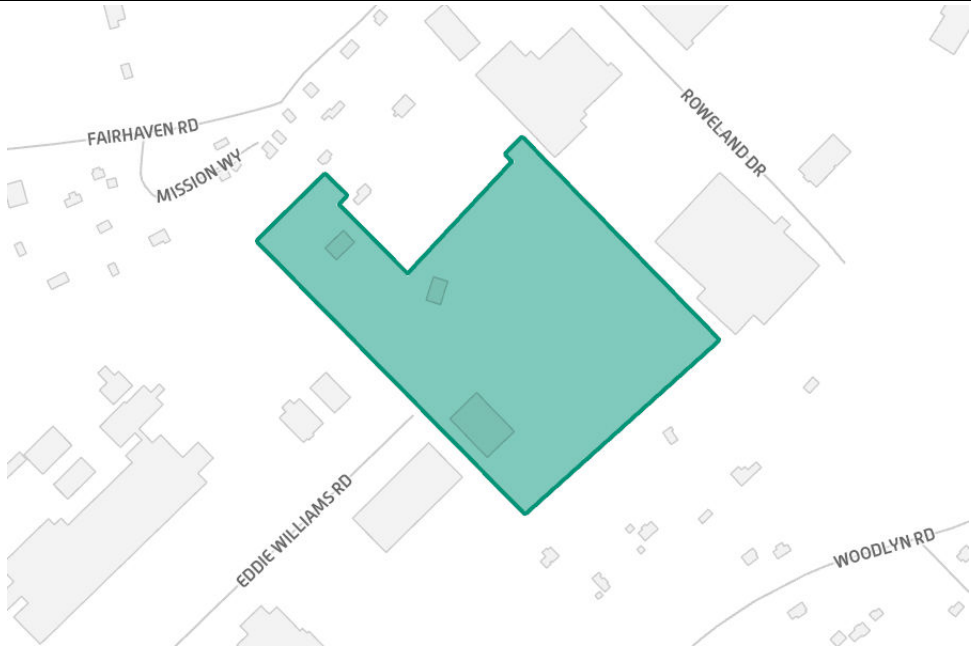
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	75	75	100	100	200	200	675
TOTAL	\$75	\$75	\$100	\$100	\$200	\$200	\$675

SERVICE CENTER RELOCATION AND REPLACEMENT

WATER/SEWER

The existing service center facilities at Riverview Drive have reached their service life and have been outgrown. Replacement in 2 phased manner at Eddie Williams Road.
(Partially programmed into the 19-22 Capital Plan)

FY24- \$500,000 (Additional Service Center Improvements)
FY25- \$500,000 (Additional Service Center Improvements)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	7,000	500	500	-	-	-	1,000
TOTAL	\$7,000	\$500	\$500	-	-	-	\$1,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	5,700	-	-	-	-	-	0
Water/Bond Proceeds	1,300	-	-	-	-	-	0
Water/Sewer Fund	-	500	500	-	-	-	1,000
TOTAL	\$7,000	\$500	\$500	-	-	-	\$1,000

SEWER LIFT STATION PHASE OUT

This will involve extension of gravity sewer lines to areas undeveloped inside the city limits and also phase out some existing sewer lift stations.
This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	500	500	500	500	1,000	1,000	3,500
TOTAL	\$500	\$500	\$500	\$500	\$1,000	\$1,000	\$3,500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	500	500	500	500	1,000	1,000	3,500
TOTAL	\$500	\$500	\$500	\$500	\$1,000	\$1,000	\$3,500

SEWER LIFT STATION REHABILITATION

Funding for rehabilitation of existing lift stations in the system including any necessary painting, repairs, refurbishments, etc. This is a multi-year program for the city and will continue into the future. This is a recurring project for each successive fiscal year.

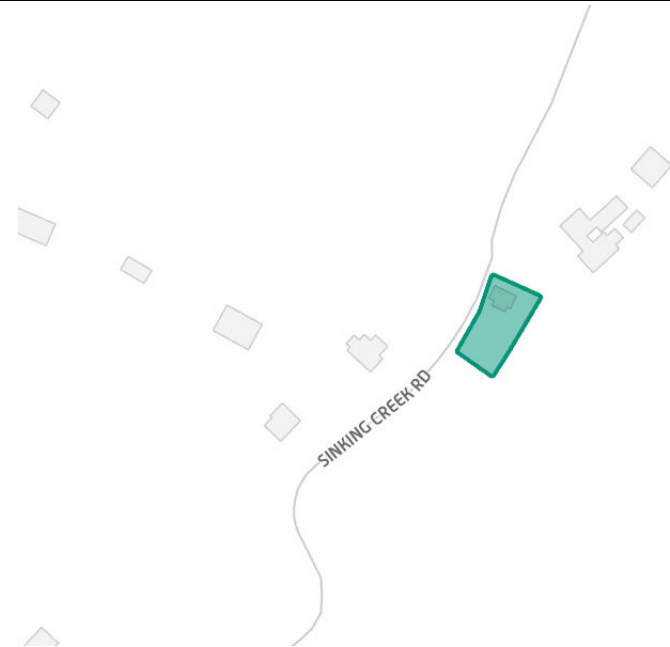
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	50	50	50	50	50	50	250
TOTAL	\$50	\$50	\$50	\$50	\$50	\$50	\$250

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	50	50	50	50	50	50	250
TOTAL	\$50	\$50	\$50	\$50	\$50	\$50	\$250

SINKING CREEK SEWER LIFT STATION UPGRADE

Upgrade of the existing Sinking Creek Sewer Lift Station in the Brush Creek sewer basin for additional capacity and the extension of the useful service life.
(Not programmed into the 19-22 Capital Plan)

FY24- \$5,400,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/ROW/Construction	2,000	5,400	-	-	-	-	5,400
TOTAL	\$2,000	\$5,400	-	-	-	-	\$5,400

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	1,000	4,400	-	-	-	-	4,400
Grant (EDA)	1,000	1,000	-	-	-	-	1,000
TOTAL	\$2,000	\$5,400	-	-	-	-	\$5,400

SMALL DIAMETER WATERLINE REPLACEMENT - 3" OR LESS

WATER/SEWER

Replacement and upgrade of small diameter neighborhood water lines in the system. This is a multi-year project which will continue into the future. These lines are older primarily galvanized and cast iron and less than 3" in diameter.
This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/ROW/Construction	1,000	1,000	1,000	1,000	1,150	1,250	5,400
TOTAL	\$1,000	\$1,000	\$1,000	\$1,000	\$1,150	\$1,250	\$5,400

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	1,000	1,000	1,000	1,000	1,150	1,250	5,400
TOTAL	\$1,000	\$1,000	\$1,000	\$1,000	\$1,150	\$1,250	\$5,400

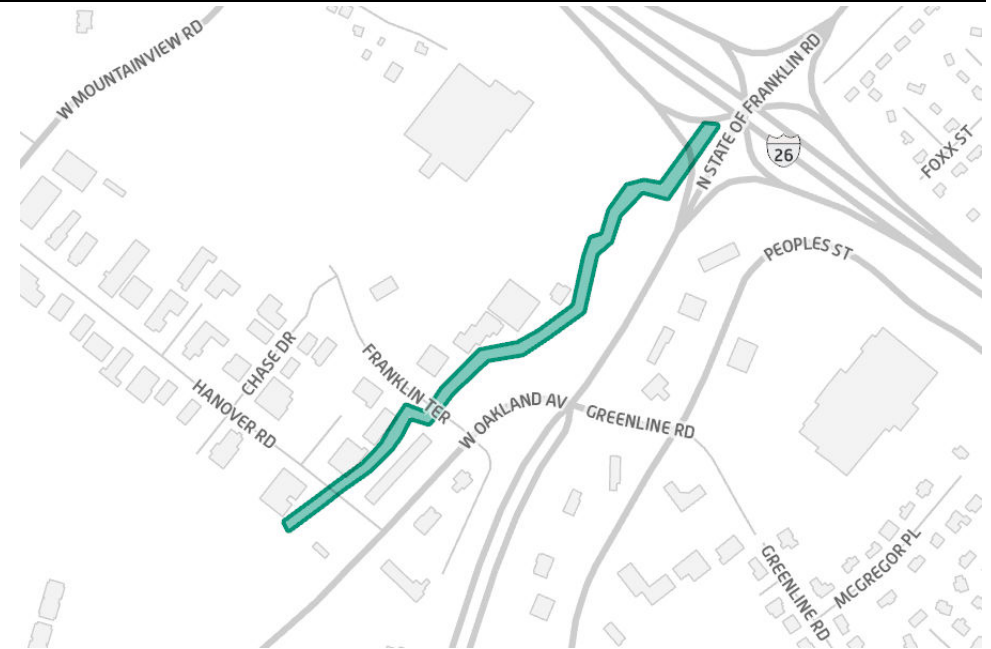
STATE OF FRANKLIN RD SEWER INTERCEPTOR REPLACEMENT I-26 TO HANOVER RD

WATER/SEWER

Replacement of existing gravity sewer interceptor between I-26 to Hanover Road along Knob Creek. For capacity for future growth.
(Not programmed into the 19-22 Capital plan)

FY26- \$800,000 (Finalize Design/ Begin Construction)

FY27- \$700,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/ROW/Construction	-	-	-	800	700	-	1,500
TOTAL	-	-	-	\$800	\$700	-	\$1,500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	-	800	700	-	1,500
TOTAL	-	-	-	\$800	\$700	-	\$1,500

TANK REHABILITATION AND MAINTENANCE

Scheduled Maintenance on the 17 reservoirs in the water distribution system. Recoating, rehabilitation, and enhancement of storage tank provide safety improvements and operational improvements. Steel tanks require recoating on a regular cycle.
This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Maintenance/Rehab	650	700	500	500	500	500	2,700
TOTAL	\$650	\$700	\$500	\$500	\$500	\$500	\$2,700

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	650	700	500	500	500	500	2,700
TOTAL	\$650	\$700	\$500	\$500	\$500	\$500	\$2,700

TECHNOLOGY PLAN - BRUSH CREEK & KNOB CREEK WASTEWATER TREATMENT PLANT SCADA

WATER/SEWER

Add and integrate plant Supervisory Control And Data Acquisition (SCADA) to the Brush Creek & Knob Creek Wastewater Treatment Plant.
(Not programmed into the 19-22 Capital Plan)

FY25- \$1,500,000 (Finalize Design/Begin Construction)

FY26- \$1,500,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	70	-	1,500	1,500	-	-	3,000
TOTAL	\$70	-	\$1,500	\$1,500	-	-	\$3,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	70	-	1,500	1,500	-	-	3,000
Water/Sewer Fund	-	-	-	-	-	-	0
TOTAL	\$70	-	\$1,500	\$1,500	-	-	\$3,000

TECHNOLOGY PLAN IMPLEMENTATION - ADVANCED METER INFRASTRUCTURE - PHASED IMPLEMENTATION

WATER/SEWER

Implementation of AMI, or "Smart Meters", provides utilities and customers with real time data concerning consumption which will result in increased meter reading accuracy, improved asset management, improved customer services, and long term financial savings. This project will extend beyond FY 22.
(Partially programmed into the 19-22 Capital Plan)

FY24- \$6,000,000 (Finalize Design/ Begin Construction)

FY25- \$6,000,000 (Continue Construction)

FY26- \$6,000,000 (Complete Construction)

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Equipment	150	6,000	6,000	6,000	-	-	18,000
TOTAL	\$150	\$6,000	\$6,000	\$6,000	-	-	\$18,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	-	-	-	-	-	-	0
Water/Sewer Bond Issue	150	6,000	6,000	6,000	-	-	18,000
TOTAL	\$150	\$6,000	\$6,000	\$6,000	-	-	\$18,000

UTILITY BILLING SOFTWARE IMPLEMENATION

Funding for the implementation and continuous operations of a new utility billing software for the Water & Sewer Department.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Equipment	-	700	700	200	200	200	2,000
TOTAL	-	\$700	\$700	\$200	\$200	\$200	\$2,000

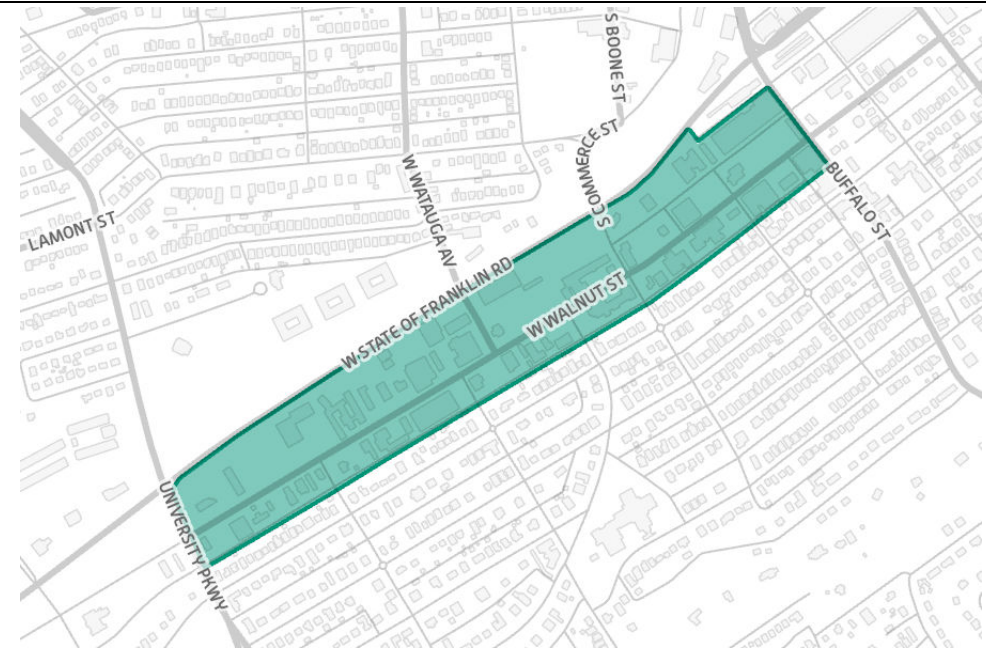
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Cash Reserves	-	700	700	-	-	-	1,400
Water/Sewer Fund	-	-	-	200	200	200	600
TOTAL	-	\$700	\$700	\$200	\$200	\$200	\$2,000

WALNUT STREET CORRIDOR UTILITY IMPROVEMENTS

Replacement or Rehabilitation of existing water and sewer lines which have reached their service life as part of the Walnut Street Redevelopment Project. Schedule dictated by new streetscape improvements.
(Partially programmed into the 19-22 Capital Plan)

FY24- \$700,000 (Complete Construction)

WATER/SEWER



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	4,000	700	-	-	-	-	700
TOTAL	\$4,000	\$700	-	-	-	-	\$700

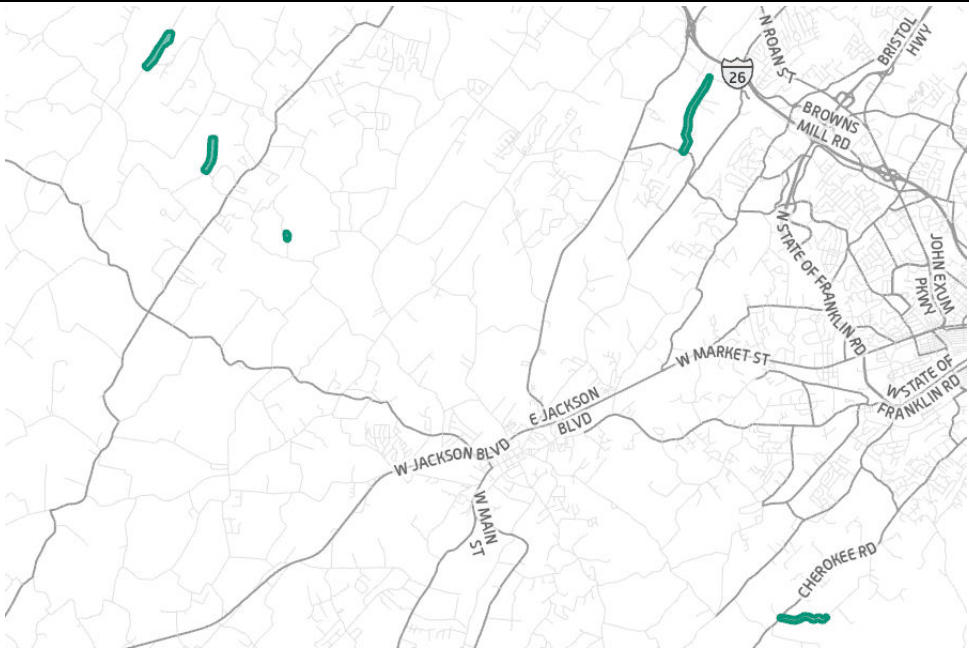
Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Bond Proceeds	4,000	700	-	-	-	-	700
TOTAL	\$4,000	\$700	-	-	-	-	\$700

WASHINGTON COUNTY WATER LINE EXTENSIONS PROJECT

WATER/SEWER

The Washington County Water Line Extensions Project consists of the installation of over 16,000 linear feet of new water line extensions along Hartmantown Road, Mulberry Lane, Wilcox Circle, Pleasant Valley Road, Grassy Valley Road, and Bill Bennett Road in Washington County.

FY24- \$1,300,000 (Complete Construction)



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Washington County Water Line Extensions Project	800	1,300	-	-	-	-	1,300
TOTAL	\$800	\$1,300	-	-	-	-	\$1,300

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
ARPA	800	1,300	-	-	-	-	1,300
TOTAL	\$800	\$1,300	-	-	-	-	\$1,300

WASTEWATER COLLECTION LINE REHABILITATION AND REPLACEMENT

WATER/SEWER

Funding for rehabilitation and replacing older sewer lines in the system. This is a multi-year program for the city. Priorities developed by a matrix of inflow and infiltration correction, condition assessment, and future paving areas. This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	1,000	1,250	1,250	1,250	2,000	2,250	8,000
TOTAL	\$1,000	\$1,250	\$1,250	\$1,250	\$2,000	\$2,250	\$8,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	1,000	1,250	1,250	1,250	2,000	2,250	8,000
TOTAL	\$1,000	\$1,250	\$1,250	\$1,250	\$2,000	\$2,250	\$8,000

WATER AND WASTEWATER PLANT AND FACILITY IMPROVEMENTS

WATER/SEWER

Improvements to existing water and wastewater facility processes, electrical, and mechanical systems which have reached their useful service life or are in need of refurbishment. This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	433	400	400	400	450	450	2,100
TOTAL	\$433	\$400	\$400	\$400	\$450	\$450	\$2,100

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	433	400	400	400	450	450	2,100
TOTAL	\$433	\$400	\$400	\$400	\$450	\$450	\$2,100

**WATER AND WASTEWATER TREATMENT PLANT
ARCHITECTURAL AND SITE IMPROVEMENTS**

WATER/SEWER

Replacement and upgrading of water and wastewater facilities, architecture components, and mechanical components which have reached their useful service life.

This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	600	250	360	250	250	360	1,470
TOTAL	\$600	\$250	\$360	\$250	\$250	\$360	\$1,470

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	600	250	360	250	250	360	1,470
TOTAL	\$600	\$250	\$360	\$250	\$250	\$360	\$1,470

WATER MAIN REPLACEMENT 4"

WATER/SEWER

The budgeted allocation is dedicated on replacing 4" cast iron and asbestos cement water mains in the system. Depending on priority, this may be combined with additional galvanized waterline replacement. May be combined with water line replacement depending on project value and need. This is a recurring project for each successive fiscal year.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	100	1,100	750	750	900	900	4,400
TOTAL	\$100	\$1,100	\$750	\$750	\$900	\$900	\$4,400

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	100	1,100	750	750	900	900	4,400
TOTAL	\$100	\$1,100	\$750	\$750	\$900	\$900	\$4,400

WATER SCADA UPGRADE

Begin improvements to software designed in the late 1990's as well as a phased hardware replacement.

FY24- \$1,500,000 (Finalize Design/ Complete Construction)

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Equipment	80	1,500	-	-	-	-	1,500
TOTAL	\$80	\$1,500	-	-	-	-	\$1,500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Fund	80	-	-	-	-	-	0
Water/Sewer Bond Issue	-	1,500	-	-	-	-	1,500
TOTAL	\$80	\$1,500	-	-	-	-	\$1,500

WESTERN WATER SERVICE AREA UPGRADES

WATER/SEWER

New water booster station, 500,000 gallon tank, and 12" line to serve the Western Service area along the I-26 corridor northwest of Suncrest Drive.
(Not programmed into the 19-22 Capital Plan)

FY25- \$2,000,000 (Finalize Design/ Begin Construction)
FY26- \$2,000,000 (Complete Construction)

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Engineering/Construction	-	-	2,000	2,000	-	-	4,000
TOTAL	-	-	\$2,000	\$2,000	-	-	\$4,000

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Water/Sewer Bond Issue	-	-	2,000	2,000	-	-	4,000
TOTAL	-	-	\$2,000	\$2,000	-	-	\$4,000



JOHNSON CITY

T E N N E S S E E

OPERATING

SUMMARY OF PROPOSED IMPROVEMENTS (\$000s)

	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Park Paving	-	210	640	195	115	195	1,355
Street Resurfacing	3,500	3,700	3,900	4,100	4,300	4,500	20,500
Transportation Roadway Enhancements	300	300	300	300	300	300	1,500
TOTAL	\$3,800	\$4,210	\$4,840	\$4,595	\$4,715	\$4,995	\$23,355

FUNDING SUMMARY (\$000s)

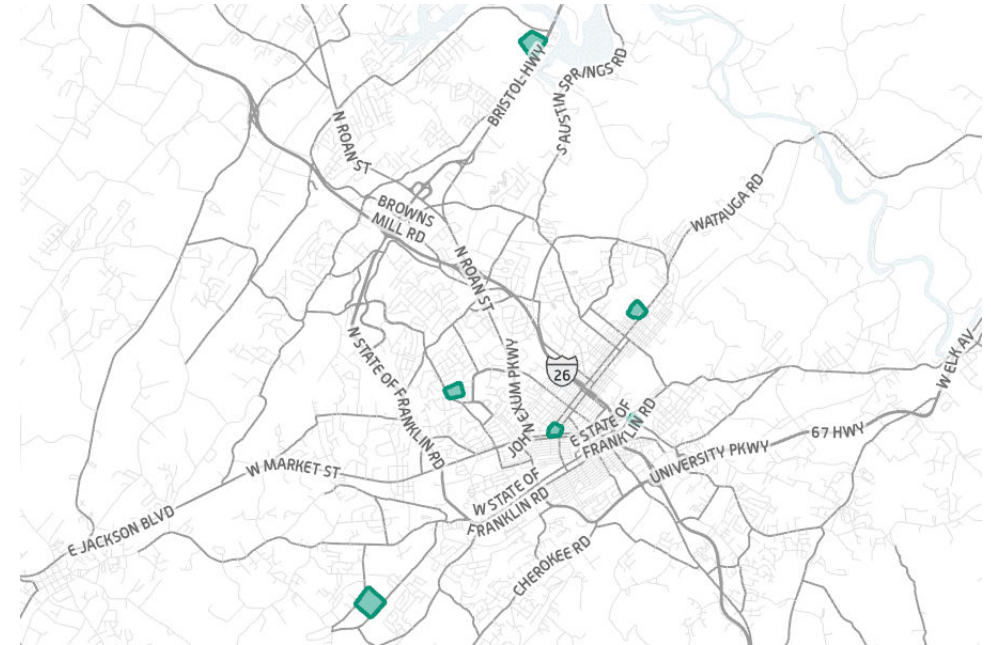
	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	3,800	4,210	4,840	4,595	4,715	4,995	23,355
TOTAL	\$3,800	\$4,210	\$4,840	\$4,595	\$4,715	\$4,995	\$23,355

PARK PAVING

PARKS & RECREATION

This project addresses the need to pave our existing parking lots and park areas for safety and aesthetic concerns.

FY2024 - Metro-Kiwanis Park Parking Lot
FY2025 - Winged Deer Park - Parking Lots - Admin/Maintenance/Softball/Soccer
FY2026 - Willow Springs Park - Front and back parking lots and basketball court
FY2027 - Lions Park - gravel parking lot to accommodate field #3
FY2028 - Carver Park - parking lot/walking trail and Legion Street Pool parking lot



Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Metro-Kiwanis Parking Lot	-	210	-	-	-	-	210
Willow Springs Park - front and back parking lots/basketball court	-	-	-	195	-	-	195
Lions Park - gravel parking lot to accommodate field #3	-	-	-	-	115	-	115
Carver Park - parking lot and walking trail	-	-	-	-	-	115	115
Legion Street Pool parking lot	-	-	-	-	-	80	80
Winged Deer Park - Parking lots - Admin/Maintenance/Softball/Soccer	-	-	640	-	-	-	640
TOTAL	-	\$210	\$640	\$195	\$115	\$195	\$1,355

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	-	210	640	195	115	195	1,355
TOTAL	-	\$210	\$640	\$195	\$115	\$195	\$1,355

STREET RESURFACING

PUBLIC WORKS

Pave streets throughout the community.

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
Resurfacing	3,500	3,700	3,900	4,100	4,300	4,500	20,500
TOTAL	\$3,500	\$3,700	\$3,900	\$4,100	\$4,300	\$4,500	\$20,500

Expenditure Allocation (in \$000s)	Projected FY 2023	Proposed FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Years 2024- 2028
General Fund	3,500	3,700	3,900	4,100	4,300	4,500	20,500
TOTAL	\$3,500	\$3,700	\$3,900	\$4,100	\$4,300	\$4,500	\$20,500

PUBLIC WORKS

**FY 23 - State of Franklin Center Turn Lane
E Highland Rd/S Roan Street**

FY 25 - Hospital Turn Lanes
FY 26 - Browns Mill Widening (Oakland to Peoples)

FY 28 - Huffine Rd/W Walnut St Intersection

[illegible]