

Graham

City Manager's Recommended Budget FY 2024-2025

May 14, 2024

Quick Facts & Highlights

Budget Message

Revenues & Expenditures



Quick Facts & Highlights

- The proposed General Fund budget totals \$20,648,350 and the Water and Sewer Fund totals \$12,249,900.
- The Ad Valorem tax rate is recommended to remain at \$0.2899.
- One penny on the tax rate is estimated to generate \$233,512 in the upcoming year based on a 97% collection rate.
- Refuse fees (garbage and recycling) are recommended to increase from \$11.50 per unit per month total to \$13.50 per unit per month total.
- Stormwater fees are recommended to increase from \$2.00 to \$3.50 per unit per month.
- Water and sewer charges are proposed to increase 9.5% each.
- The employee Cost of Living Adjustment (COLA) is proposed at 3.8%, which mirrors the Consumer Price Index 12-month average as of January 2024.
- Staffing levels are proposed to increase with the addition of one Heavy Fleet Technician position. Additionally, one utility position, a Field Operations Technician, is proposed to be reclassified to a Utilities Administrative Coordinator. This move does not increase the full-time equivalents in the department.
- Employee Health Insurance premiums are budgeted to increase by 3.75%.
- Mandatory employer contribution increases of an additional 0.75% and 1.06% to the Local Government Employees' Retirement System (LERS) is included for general and LEO employees, respectively.
- No interfund transfers are included.
- The Warehouse Department (5550) has been absorbed into the Garage Department (5700). Both remain within the General Fund.
- There are no appropriations requested for the Cemeteries Perpetual Care Funds.
- Expenditures for public safety (\$8,670,807) are expected to exceed all of the ad valorem tax levy (\$7,030,000) by over \$1,640,807.
- Funding for Street Resurfacing is proposed to increase for the 11th consecutive year by approximately \$5,000. Local funds are typically paired with Powell Bill to maximize paving efforts.



Budget Message

May 14, 2024

Dear Mayor Talley and Members of the City Council:

It is my pleasure to present to you the City Manager's recommended budget for the fiscal year beginning July 1, 2024, and ending June 30, 2025. This budget has been prepared in accordance with the Local Government Budget and Fiscal Control Act (North Carolina General Statute 159).

The recommended budget is an effort to meet the Governing Body's idea of what you would like to see City government achieve in the upcoming fiscal year. Your priorities and goals setting from the December 2023, Budget Planning Session were invaluable to us as staff in budget development. While all the priorities will not be met in the upcoming fiscal year, there has been a concerted effort among departments to meet the priorities wherever attainable.

The budget has been conservatively prepared with meticulous consideration to expenditures within each department. The upcoming fiscal year will prove to be particularly challenging and require departments to exhibit even more consideration for each purchase than in prior years.

Throughout our budget process, each department budget received multiple reviews, and department heads were involved in discussions regarding areas where spending could be reduced. You have before you fiscally sound budget requests and I would like to extend my sincere appreciation to Assistant City Manager Aaron Holland and department heads for their hard work and dedication to the City.

Within this document, there are sections that detail revenue, department expenditures, employee pay plan, fee schedule, and capital improvement requests. Our goal is to convey to you and the public our responsibility to provide important services to the citizens of Graham in the most efficient manner possible.

We heard the City Council's desire to maintain a revenue-neutral tax rate and a low tax burden on the citizens of Graham. With that as an overarching consideration, this budget has been framed to maximize what we reasonably expect to collect in revenues while departments will be tasked with operating within a tighter-than-normal budget.

This budget exemplifies our attempt to meet our obligations and maintain the same level of services to our citizens all while remaining fiscally strong. The proposed budget includes increases to our overall appropriation in both revenues and expenditures in both funds. As has been common practice within the City of Graham and local governments throughout the state, the budget before you once again illustrates how we can maximize the use of all funds allocated to the City.

Budget Process and Objectives

The budget process this year began earlier than in prior years with departmental budgets due at the end of January. Once requests were finalized, individual reviews began with every department. Below are some of the foundations on which this budget has been built.

- The cost of goods and materials has continued to increase with a particularly large increase in chemicals and utilities. Nearly every vendor has implemented and/or will implement price increases that will affect us for years to come.
- The proposed ad valorem tax rate remains unchanged at \$0.2899.
- In the current fiscal year (2023-2024), the garage, which previously operated as a stand-alone fund (Fund 40), was absorbed into the General Fund (Fund 10). In the upcoming fiscal year, the Warehouse Department (5550) has been combined with the Garage Department (5700). This reduces the potential for duplication and small departments that only contain one person.
- Deferred maintenance has continued to cost the City in the long run due to rising inflation. As we are all aware, the wastewater treatment plant cost resulted in a substantial rate increase in the first year, a 7% rate increase last year, and a 9.5% increase proposed for the upcoming year.

Once you have had the opportunity to review the budget, you will recognize the careful consideration and review of historical trends that were considered throughout the budget process.

Changes for FY 2024 - 2025

Employee Benefits & Department Changes

The upcoming fiscal year will be our third in the North Carolina Health Insurance Pool (NCHIP). This allows the City to be self-insured and not experience an annual increase in premiums greater than 5%. Prior to transitioning to NCHIP, the City experienced double-digit increases each year. Based on our claim data for fiscal year to date, we will have a 3.75% increase in health insurance premiums. As you will recall, City Council approved changes to lower the deductibles on both the base and buy-up plans by \$1,000. Additionally, City Council approved transitioning to employer-paid dental for our full-time employees. All changes will be effective July 1, 2024.

The consumer price index 12-month average as of January 2024, was 3.8% and the cost of living adjustment (COLA) is proposed at the same. If approved, it will begin in the first full pay period of the new fiscal year. While we were not able to match the consumer price index last year, which was 8.5%, we did implement a mid-year pay plan revision. This has aided the City in filling vacancies that had existed for some period of time.

Additionally, the North Carolina Local Government Retirement System contribution will have a mandatory increase to 13.6% from 12.85% for both Local Firefighter Class and Local General Class employees. The rate for law enforcement officers increases to 15.1% from 14.04%.

One new position, a Heavy Fleet Technician in the Garage Department, has been proposed. This will provide assistance to a currently two-member department and fill an area where our existing employees lack the time to be able to effectively address. Additionally, a currently funded Field Operations Technician position is proposed to be reclassified as an Administrative Coordinator. This employee would assist all units within the Utilities Department at various times. By reclassifying this position, the administrative support would allow managers and superintendents to spend valuable time in the field with staff; thereby creating better oversight of the individual units and enhancing accountability of operations.

We will continuously review programs and services to ensure the appropriate level of service and the most efficient use of taxpayer dollars. The current budget proposal does not include any reduction of services to the citizens of Graham. All departmental functions will continue to operate as they exist currently.

Recommended Budget

The 2024-2025 recommended budget is balanced at \$20,648,350 for General Fund activities. The table below shows the current year's budget versus the recommended for the upcoming fiscal year.

Department	FY 2023-2024 (Adopted)	Manager's Recommendation	Difference
Tourism	\$ -	\$ 79,000	\$ -
City Council	\$ 65,000	\$ 53,350	\$ (11,650)
Administration	\$ 713,870	\$ 798,270	\$ 84,400
Information Technology	\$ 442,150	\$ 560,178	\$ 118,028
Finance	\$ 417,800	\$ 450,642	\$ 32,842
Public Buildings	\$ 200,700	\$ 172,400	\$ (28,300)
Police	\$ 6,607,215	\$ 6,596,342	\$ (10,873)
Fire	\$ 1,793,375	\$ 2,074,465	\$ 281,090
Inspections	\$ 773,200	\$ 875,126	\$ 101,926
Traffic Engineering	\$ 28,800	\$ 28,800	\$ -
Streets & Highways	\$ 1,910,045	\$ 1,859,226	\$ (50,819)
Street Lights	\$ 150,000	\$ 206,000	\$ 56,000
City Garage*	\$ 1,069,600	\$ 1,320,506	\$ 250,906
Sanitation	\$ 1,476,400	\$ 1,653,912	\$ 177,512
Recreation	\$ 1,043,350	\$ 1,094,784	\$ 51,434
Lake	\$ 255,700	\$ 394,136	\$ 138,436
Athletic Facilities	\$ 404,250	\$ 404,271	\$ 21
Property Maintenance	\$ 934,400	\$ 935,367	\$ 967
Non-Departmental	\$ 1,175,500	\$ 1,091,575	\$ (83,925)
	\$ 19,581,205	\$ 20,648,350	\$ 1,107,995

*City Garage includes the Warehouse Department from the current fiscal year.

The 2024-2025 recommended budget is balanced at \$12,249,900 for water and sewer activities. The table below shows the current year's adopted budget versus the recommended for the upcoming fiscal year.

Department	FY 2023-2024 (Adopted)	Manager's Recommendation	Difference
Water and Sewer Billing	\$ 724,900	\$ 675,700	\$ (49,200)
Water and Sewer Distribution	\$ 2,650,700	\$ 2,819,837	\$ 169,137
Maintenance and Lift Stations	\$ 242,350	\$ 314,734	\$ 72,384
Water Treatment Plant	\$ 3,370,150	\$ 3,494,354	\$ 124,204
Wastewater Treatment Plant	\$ 2,040,000	\$ 2,265,103	\$ 225,103
Non-Departmental	\$ 2,819,500	\$ 2,680,172	\$ (139,328)
	\$ 11,847,600	\$ 12,249,900	\$ 402,300

Closing Remarks

As the City Manager, it is my responsibility to recommend a fiscally sound and financially responsible budget that reflects the organizational goals of the City Council and represents the needs of our community. The 2024-2025 budget has been developed in accordance with all statutory provisions and provides a framework for the upcoming budget year that emulates the priorities of our Governing Body.

Preparation of a budget requires cooperation and ingenuity. I would like to express my sincere appreciation to all our department heads and Assistant City Manager. Each of these individuals submitted sound budget requests and played an important role in finalizing a draft budget that is fiscally responsible and serves our citizens well.

Any interested party may view the budget book in its entirety by contacting our City Clerk or accessing it online: www.cityofgraham.com

I appreciate your support, guidance, and encouragement as I am able to provide my service to our great City. I look forward to working with you to finalize a budget for the upcoming fiscal year that will best serve the people of Graham.

A Council budget work session will be held on Tuesday, May 21, 2024, at 10am and a public hearing has been scheduled for Tuesday, June 11, 2024, at 6pm.

Respectfully submitted this 14th day of May 2024.

Megan M. Garner

Megan M. Garner
City Manager

Revenues (Fund 10)

The City's General Fund revenues are most susceptible to fluctuations in the economy. The sales and use tax, the City's second largest revenue, is particularly volatile as it is impacted by the economy and consumer consumption.

Summary of General Fund Revenues			
	FY 2023-2024 (Adopted)	FY 2024-2025 (Recommended)	Difference
Ad Valorem Taxes	\$ 6,387,660	\$ 7,030,000	\$ 642,340
Investment Earnings	\$ 105,000	\$ 215,000	\$ 110,000
Miscellaneous	\$ 674,800	\$ 727,900	\$ 53,100
Other Taxes/License	\$ 500	\$ 500	\$ -
Occupancy Tax	\$ -	\$ 79,000	\$ 79,000
Permits/Fees	\$ 710,000	\$ 590,000	\$ (120,000)
Restricted Governmental	\$ 892,000	\$ 1,026,000	\$ 134,000
Sales/Services	\$ 2,002,000	\$ 2,078,668	\$ 76,668
Unrestricted Governmental	\$ 7,563,000	\$ 7,745,000	\$ 182,000
Fund Balance	\$ 1,246,245	\$ 1,156,282	\$ (89,963)
	\$ 19,581,205	\$ 20,648,350	\$ 1,067,145

- **Ad Valorem Taxes:** Ad valorem is the tax applied to each \$100 dollar of property value as determined by the Alamance County Tax Office. Graham's proposed ad valorem tax rate per \$100 of value is \$0.2899, which maintains our rate from the current year. Other revenue in this category is made up of vehicle tax, collection fees, and interest. Local property tax receipts are 34% of the total General Fund revenue.

Total revenue: \$7,030,000

Prior year: \$6,387,660

- **Investment Earnings:** Investment earnings come from investing idle funds not required for cash flow. While the City experienced low interest rates during the height of the COVID pandemic, interest rates have increased with the investment earnings getting closer to the pre-COVID actuals.

Total revenue: \$215,000

Prior year: \$105,000

- **Miscellaneous Receipts:** This category is made up of various sources such as: ABC surcharge revenues, alarm fees, donations, police and fire grants, and the North Carolina Commerce Park partnership. The NCCP and Police Grant receipts account for the vast majority of the total at \$300,000 and \$251,000, respectively.

Total revenue: \$727,900

Prior year: \$674,800

- **Occupancy Tax:** Session Law 2023-144 enabled the City of Graham to enact 3% of the gross receipts derived from the rental of an accommodation within the municipality. The amount collected by Alamance County for the last completed fiscal year (2022-2023) for its 3% occupancy tax was used to estimate revenues for the City. There will be administrative and collection costs associated with this new revenue source.

Total revenue: \$79,000

Prior year: N/A

- **Permits and Fees:** Trades such as building, mechanical, plumbing, and electrical permits are included here along with development fees. Revenues are projected to be lower for the upcoming year based on known development activity.

Total revenue: \$590,000

Prior year: \$710,000

- **Restricted Intergovernmental:** These revenues include Powell Bill, school resource officers, ABC law enforcement funds, and miscellaneous grants. Each revenue is earmarked for its particular purpose.

Powell Bill street aid distribution from the State must be used on City streets. This year's proposed budget continues the practice of spending the entirety of the distribution on street resurfacing activities with the State's allocation expected to be higher than the amount budgeted for the current fiscal year.

Total revenue: \$1,026,000

Prior year: \$892,000

- **Sales and Services:** This category includes many different sources including Cemetery, Recreation related fees, City property rental income, and Solid Waste fees. Growth and demand, along with economic factors, are nearly outpacing our ability to provide solid waste service. In an effort to reduce the impact while also decreasing the City subsidy, a collections and disposal costs

Garbage/Recycling Monthly Cost		
	Current	Proposed
Graham	\$ 11.50	\$ 13.50
Burlington	\$ 14.33	\$ 14.70
Mebane	\$ 8.00	\$ 10.00
Gibsonville	\$ 11.00	\$ 11.00
Elon	\$ 16.00	\$ 16.00

increase from \$11.50 per unit per month to \$13.50 per unit per month is being proposed. The chart shows current and proposed costs for sanitation for our neighboring jurisdictions.

Total revenue: \$2,078,668

Prior year: \$2,002,000

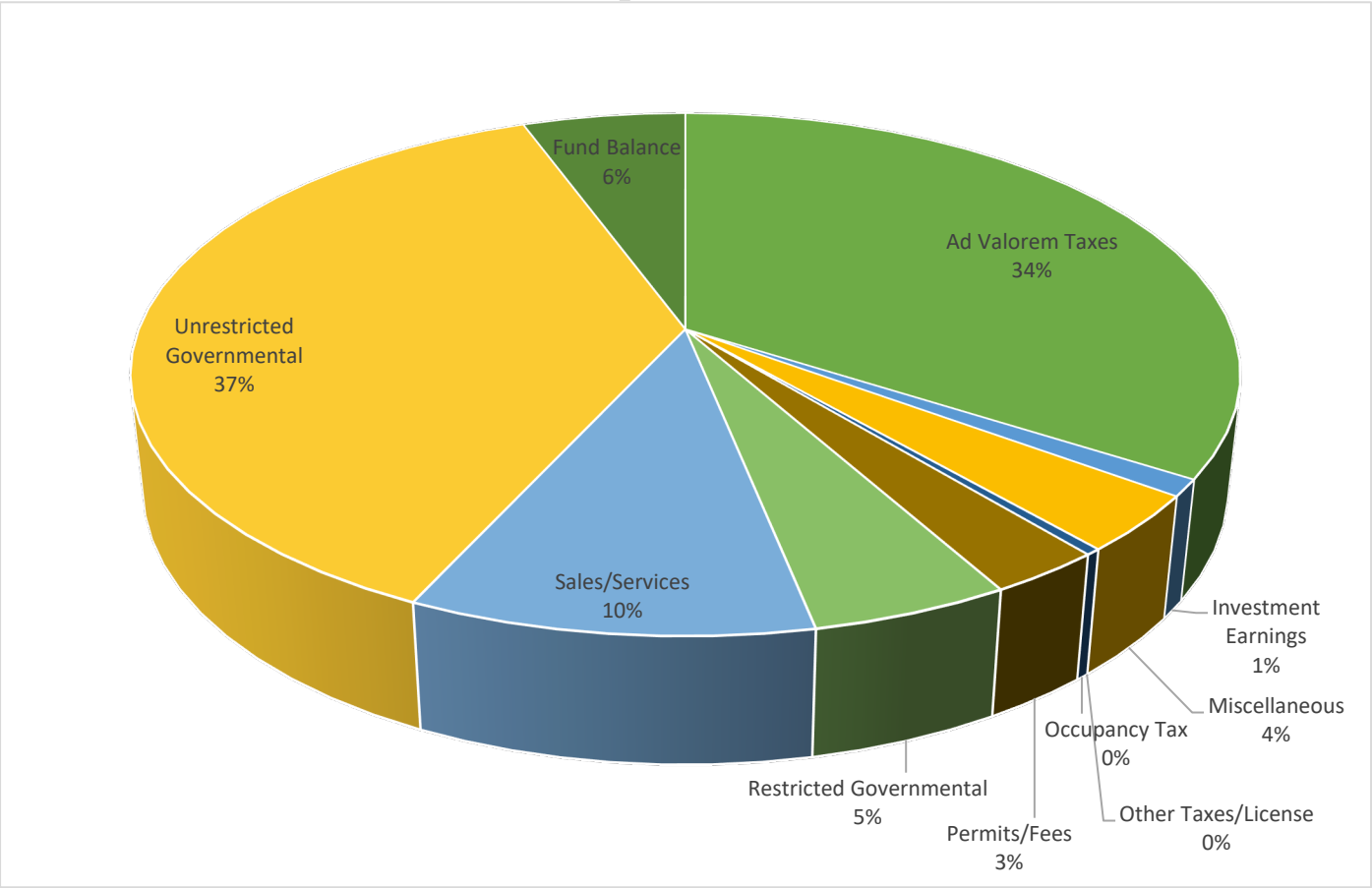
• **Unrestricted Intergovernmental:** This category of revenues includes ABC profit distribution, Beer and Wine, Franchise, and Local Sales tax, payments in lieu, solid waste disposal tax, and stormwater fees. The Local Sales tax is the second largest City revenue, representing approximately 30% of the total general fund. Other major revenues in this group include the Utility Franchise Taxes, which is estimated at \$900,000, and ABC Profit Distribution at \$205,000.

Total revenue: \$7,745,000
Prior year: \$7,563,000

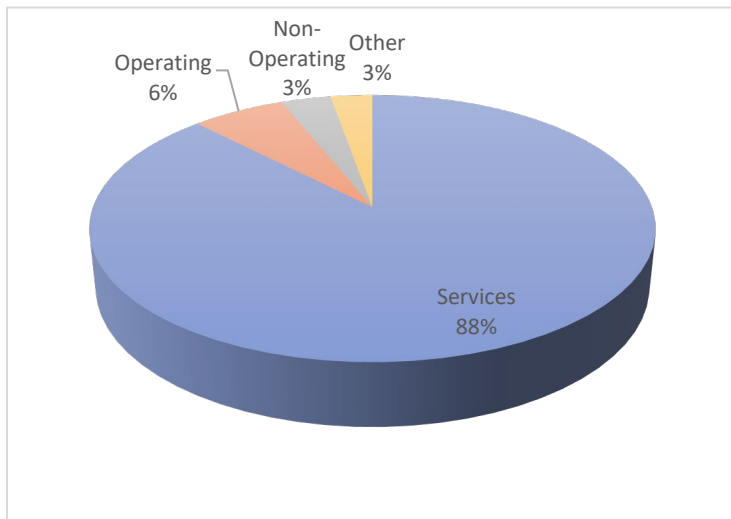
• **Fund Balance:** Fund Balance is made up of all unrestricted funds available to the City and is equivalent to a savings account. The North Carolina Local Government Commission recommends that local governments maintain an undesignated fund balance in the General Fund equal to at least 8% of the adopted General Fund budget. At the beginning of the current fiscal year, the City retained \$13,354,783 in available fund balance.

Total revenue: \$1,156,282
Prior year: \$1,246,245

Summary of Proposed General Fund Revenues by Category



Revenues (Fund 31)



This fund is operated to account for the activities of the Water and Sewer System. It is classified as an enterprise fund rendering services on a user basis. Water and sewer charges account are the largest source of revenue for this fund at \$10,739,000 or 88% of the total revenues for the fund. Below is a summary of our estimated revenues by category:

Non-Operating: The revenues from partnerships, leases, and interest on investments make up the entirety of Non-Operating Revenue.

Operating: Operating revenues include assessments, taps, system development fees, plumbing permits, and inspection fees. System Development Fees must be transferred to the Water and Sewer Capital Reserve Fund.

Other Financing Sources: Regional partnerships for both water and sewer, retained earnings appropriations, and the sale of surplus properties are revenues included in this category.

Services: Water and sewer service charges, water and sewer surcharges, and regional partnership revenue are included in Services revenue. Following a graduated rate increase approach for FY 2024-2025 and understanding the necessity to fund the even larger capital improvement of the wastewater treatment plant upgrade, the following adjustments to rates are recommended:

- **Water Rates:** Based on expenditures, water rates are proposed to increase for all tiers of the usage, and base rates are recommended to increase to \$5.89 from \$5.38.
- **Sewer Rates:** Sewer charges must generate enough revenue to cover expenditures and debt service, that includes Boyd Creek Pump station, anticipated debt service for Waste Water Treatment Plant Improvements and Expansion, and other finances utility projects and apparatus. To cover these expenditures, sewer rates are proposed to increase for all tiers of the usage and base rate is recommended to increase to \$5.89 from \$5.38.

- *Examples:* The charts below show the existing rate structure for water and sewer customers using 1,000 gallons per month and 5,000 gallons per month.

1,000 gallons		5,000 gallons	
Current water	\$9.09	Current water	\$24.96
Proposed water	\$9.95	Proposed water	\$27.33
Current sewer	\$11.79	Current sewer	\$52.44
Proposed sewer	\$12.91	Proposed sewer	\$57.42

Expenditures (Fund 10)

The City continues to experience many changes in recent years. Residential homes have grown exponentially, creating increased demand for City services, which results in additional strain to already stretched resources and departments. Growth can include more calls for services for our public safety departments, more inspections and demand for services, as well as more homes for our Public Works Department to service. We strive to maintain the current level of services to our citizens, while also implementing cost saving measures. This presents itself within the General Fund more so than in other areas. Below is a summary by department or function.

General Fund

- **Tourism:** This department is new for Fiscal Year 2024-2025 and is funded by occupancy tax revenue in the amount of 3%. As enabled by Session Law 2023-144, at least two-thirds of the funds must be used to promote travel and tourism and the remainder of the funds may be spent on tourism-related expenditures in the City.

Total budget: \$79,000

Prior year: N/A

Capital: None currently designated

- **City Council:** This department covers council salary, travel, and material needs. The majority of the decrease is the lack of municipal elections in the upcoming year, which required an appropriation of \$15,000 in Fiscal Year 2023-2024.

Total budget: \$53,350

Prior year: \$65,000

Capital: None

- **Administration:** Staff in this department provide support services such as human resources, communications, and leadership to all City departments. This department is responsible for managing the day-to-day operations of City Government.

Total budget: \$798,270

Prior year: \$713,870

Capital: None

- **Information Technology:** The Information Technology department is critical to the efficiency and productivity of City staff, who depend on IT to maintain and support over 1,800 devices, all software systems, and security of City data. The dependency and use of IT services increases each year with the addition of devices, cameras, and employees.

Total budget: \$560,178

Prior year: \$442,150

Capital: Cybersecurity Software (\$37,000), Security Cameras (\$40,000 phase 2), Water Treatment Plant Security Upgrade (\$26,000), Yearly Network Refresh (\$55,000)

- **Finance:** The Financial Operations manage the City's finances, including investments, collections, accounts payable, general accounting, audits, grant management, payroll, and budget maintenance. This department represents an integrated financial center with responsibility for financial matters that reaches all departments and activities of the City. Proposed in the upcoming fiscal year is a payroll system software implementation.

Total budget: \$450,642

Prior year: \$417,800

Capital: Implementation of new payroll software (\$55,000)

- **Public Buildings:** This department manages contracts, utilities, and other general maintenance items for buildings within the City Hall campus.

Total budget: \$172,400

Prior year: \$200,700

Capital: City Hall AC Unit Replacement unit 3 of 4 (\$50,000)

- **Police:** The Police Department is the single largest department, both monetarily and in number of employees, and has the primary responsibility of providing for the maintenance of social order within carefully prescribed ethical, legal, and constitutional restrictions. The Police Department responds to over 27,607 calls for service annually and holds a Commission on Accreditation of Law Enforcement Agencies (CALEA) Advanced Accreditation with Excellence designation.

Total budget: \$6,596,342

Prior year: \$6,607,215

Capital: Three replacement vehicles (\$142,250)

- **Fire:** In recent years, this department has taken a more progressive approach by expanding their roles, mission, and resources through increased training and providing emergency medical services. The Fire Department provides an ISO 3 level of service to the City. It is a combination department with staff that includes full-time, part-time, and volunteer firefighters working out of one fire station.

Total budget: \$2,074,465

Prior year: \$1,793,375

Capital: Annual hose replacement (\$19,400), Debt service payment for ladder truck (\$243,465)

- **Inspections:** Activity within the Inspections and Planning department continues to increase with the Inspections Department issuing over 681 new home permits during the past 18 months. Similarly, the Planning Department processed requests for 5 new subdivisions with over 239 potential new single and multi-family dwellings.

Total budget: \$875,126

Prior year: \$773,200

Capital: None

- **Transportation:** The Street Department (\$1,859,226) and two smaller departments (Traffic Engineering - \$28,800 & Street Lighting - \$206,000) comprise the City's transportation function. This department manages 65 miles of road with an additional five miles nearing completion for the City to begin maintenance; responsibility also extends to maintenance and repair of sidewalks, traffic signals, and all stormwater infrastructure. Stormwater fees are proposed to increase from \$2.00 to \$3.50 per month.

Total budget: \$2,094,026

Prior year: \$2,088,845

Capital: Asphalt roller (\$40,000), Stormwater enhancements (\$77,400), and Public Works parking lot repairs (\$20,000)

- **Warehouse:** The Warehouse Division within Public Works has been absorbed within the Garage Division.

Total budget: \$0

Prior year: \$119,580

Capital: None

- **Garage:** The Garage operations are responsible for the maintenance of the City's entire equipment and vehicle fleet, as well as maintenance contracts with Graham Housing Authority, the Alamance Municipal ABC Board, and the Town of Green Level. The City's Garage also provides fuel services for Alamance County, excluding the Sheriff's Office. Revenues are generated largely from our own operations with the balance from sales and services to other contracted entities. In Fiscal Year 2024-2025, the Warehouse Division has been absorbed within the Garage. This was to reduce small divisions and reduce the potential for overlap of funding and services. This Department also includes funding for a new position, Heavy Fleet Technician, at a pay grade 19. Major expenditures include Fuel Inventories (\$575,000) and Parts Inventories (\$275,000). This is the second year for the Garage Department to be in the General Fund.

Total budget: \$1,320,506

Prior year: \$1,189,180 (\$1,069,600 – Garage; \$119,580 Warehouse)

Capital: None

- **Sanitation:** The workload of the City's Public Works Department, Sanitation in particular, continues to increase year after year. Our Sanitation Department is averaging adding ten new homes for service each week. Refuse fees are being proposed to increase from \$11.50 per month to \$13.50 per month, which equates to a \$1.00 increase for each service.

As Council is aware, our existing contract with Republic Services for recycling will have a 3% CPI increase and Fiscal Year 2024-2025 will be the third year of our three-year agreement.

Total budget: \$1,653,912

Prior year: \$1,476,400

Capital: Approved at the February 13, 2024, meeting, City Council approved a resolution of intent to purchase a new sanitation truck, for which \$95,000 in debt service has been budgeted. Estimated delivery is mid-fiscal year.

- **Recreation:** Recreation is comprised of three (3) General Fund Departments: Recreation, Lake, and Athletic Facilities. They manage all City parks, recreation centers, events, athletics, museum, and camps.

Total budget: \$1,094,784 (Recreation), \$394,136 (Lake), and \$404,271 (Athletic Facilities)

Prior year: \$1,043,350 (Recreation), \$255,700 (Lake), and \$404,250 (Athletic Facilities)

Capital: Recreation Center – Maple Street Center floors (\$8,500), Alamance Arts exterior painting (\$25,500), and windows on the 2nd floor of the Museum (\$22,000)
Marina – Boat lift (\$10,000) and boat slip dock for Jon boats (\$157,500)
Athletic Facilities – Interior signage at Bill Cooke Park and South Graham (\$10,000)

- **Property Maintenance:** Property Maintenance is a division of Public Works, which maintains the grounds of many City properties, administers the leaf collection program, maintains and oversees the cemeteries, and serves as back-up and support for the Sanitation and Street Department services.

Total budget: \$935,367

Prior year: \$934,400

Capital: Diesel mower (\$20,000)

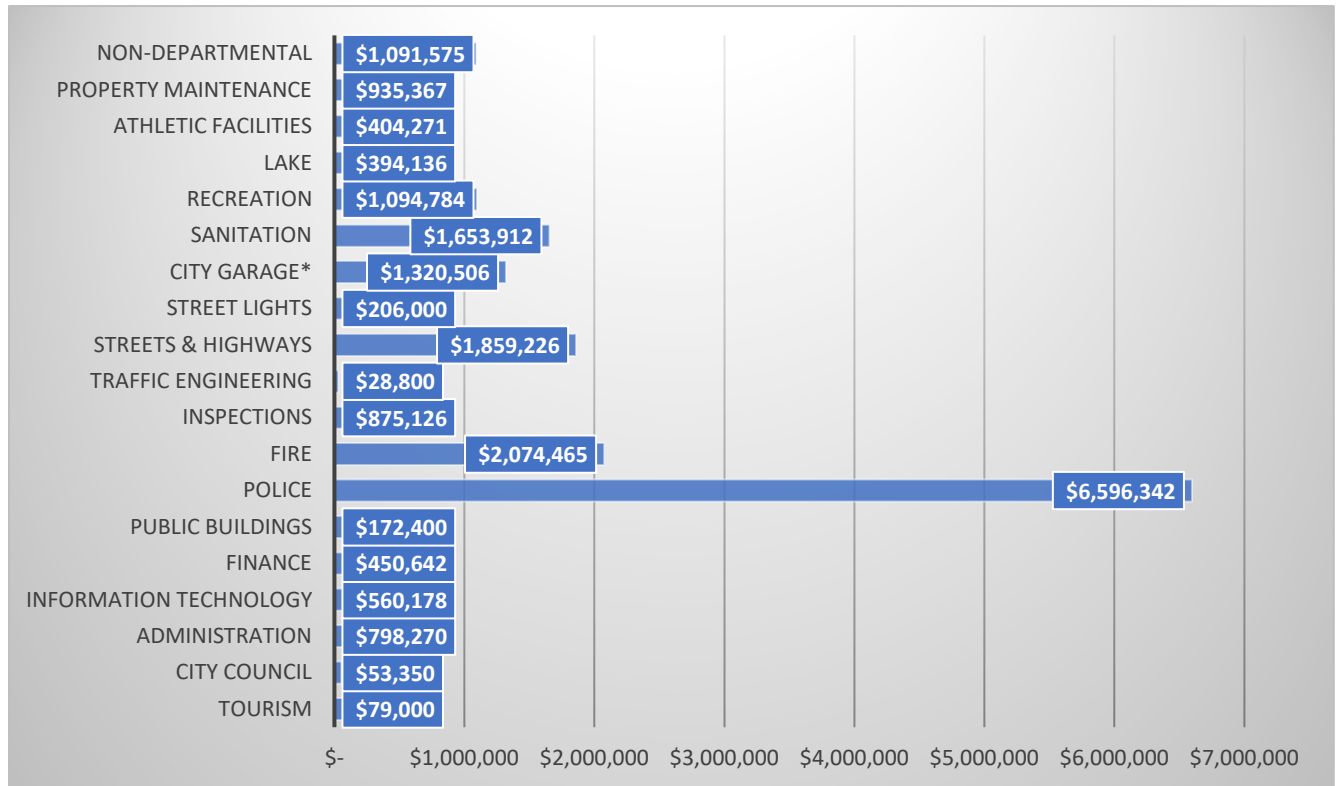
- **Non-Departmental Appropriations:** Expenses common to all General Fund departments and interlocal contracts are captured within Non-Departmental. These include other post-employment benefits (OPEB), the General Fund portion of risk management policies, Animal Shelter, and Economic Development initiatives.

Total budget: \$1,091,575

Prior year: \$1,175,500

Capital: None

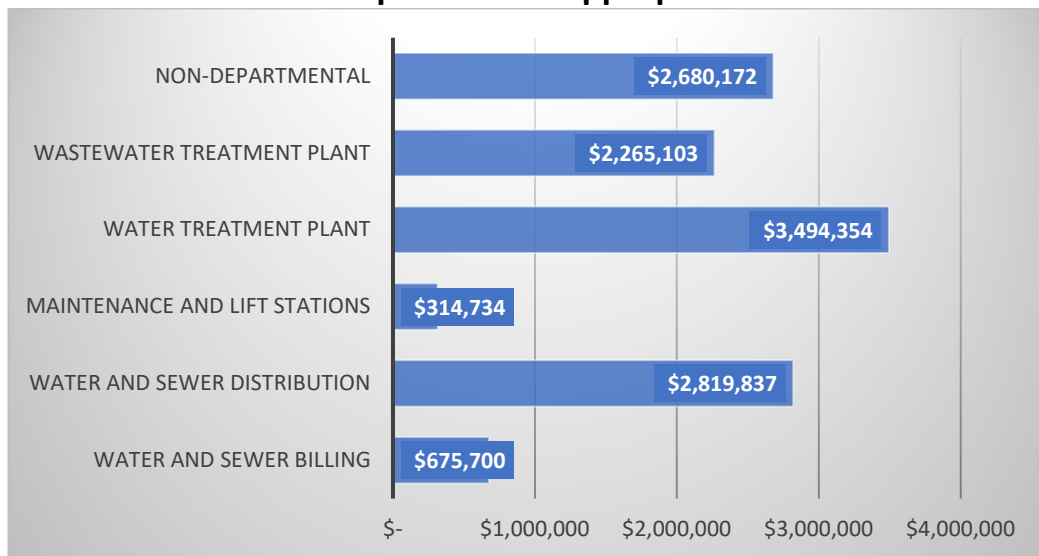
General Fund Departmental Appropriations Illustration



Expenditures (Fund 31)

The City is at a critical point in funding much needed upgrades and projects throughout our utility system, which operates as an enterprise fund. These investments not only allow for the efficient delivery of service to our citizens, but also improve capacity throughout our system. This enterprise operation is capital intensive, requiring constant maintenance, replacement, and upgrading. The enterprise is also subject to significant regulatory oversight that often comes with a substantial cost to meet. In FY 2020-2021, the City began to appropriate funds to cover the debt service for recent projects and look ahead towards major projects that have a significant financial impact. Continuing this practice is recommended for FY 2024-2025. The most notable capital project on the immediate horizon is the upgrade of our wastewater treatment plant, which began construction in the prior fiscal year and is estimated to be complete in February 2026.

Water & Sewer Departmental Appropriations Illustration



Other Funds

The City operates numerous capital project funds, a perpetual care fund, and other non-major funds. Some may or may not require budgets due to the type of fund, but are nevertheless subject to our internal controls, and placeholder entries are made, at a minimum. Below is a brief description of each and any changes necessary.

- **Cemeteries Perpetual Care Fund:** Established in 2015, the fund ensures the perpetual care and beautification of the City's cemeteries. As with 2023-2024, no appropriations are requested for 2024-2025.
- **Water & Sewer Capital Reserve Fund:** This serves as less of an independent fund and more of a sub-fund of the Water and Sewer Fund. This capital reserve fund accounts for receipts from the levy of System Development Fees. In 2021, the City of Graham completed investigation on growth projects for the water and wastewater systems as well as for both plants. These growth plans outlined a series of projects that were needed to support growth within the City and include projects that are within the 10-year planning window and beyond.
- **Asset Forfeiture Funds:** The City operates both a State and Federal asset forfeiture fund that accounts for assets seized from certain law enforcement activities. Revenues are highly unpredictable as is the timing of their receipt. Expenditures are regulated by the terms of the agreement with the associated agencies/programs and generally cannot be used to subsidize any operating budgets. Therefore, only nominal placeholder entries are included in the budget ordinance to ensure against it.
- **Old Fields Outfall Capital Project Fund:** The Old Fields Subdivision along Cherry Lane has an approved development plan that includes 755 dwelling units and various pods for nonresidential uses. To date, less than 100 of the dwelling units are constructed and further development was restricted due to the lack of collection system capacity. Currently, the extension of the outfall is underway following the completion of the initial phase of the project.

Pay Plan

May 14, 2024

2024 - 2025 Pay Plan					
Job Title	Pay Grade	Minimum	Midpoint	Maximum	
Sanitation Collector	11	\$ 36,923.22	\$ 46,154.03	\$ 55,384.83	
General Maintenance Worker I Property Maintenance	12	\$ 38,769.38	\$ 48,461.73	\$ 58,154.07	
General Maintenance Worker I Streets	12				
Police Traffic Enforcement Officer	12				
Field Operations Worker (entry level)	13	\$ 40,707.85	\$ 50,884.80	\$ 61,061.77	
Athletics Facilities Technician	14	\$ 42,743.24	\$ 53,429.05	\$ 64,114.86	
Field Operations Equipment Technician	14				
Field Operations Tech I (Utility Maintenance Worker I)	14				
General Maintenance Worker II Property Maintenance	14				
General Maintenance Worker II Streets	14				
Parks Maintenance Technician	14				
Property Evidence Technician	14				
Athletics Facilities Technician II	15	\$ 44,880.40	\$ 56,100.51	\$ 67,320.60	
Customer Service Representative	15				
Equipment Operator I Property Maintenance	15				
Equipment Operator I Streets	15				
Field Operations Equipment Operator I (Utility Equip Oper)	15				
Field Operations Tech II (Utility Maintenance Worker II)	15				
Fleet Service Technician	15				
Office Assistant	15				
Parks Maintenance Technician II	15				
Plant Maintenance Mechanic I	15				
Police Cadet	15				
Police Records Clerk	15				
Treatment Plant Technician	15				
Utility Billing Technician	15				
Athletics Facilities Technician III	16	\$ 47,124.42	\$ 58,905.52	\$ 70,686.63	
Equipment Operator II Property Maintenance	16				
Equipment Operator II Streets	16				
General Maintenance Worker III Property Maintenance	16				
General Maintenance Worker III Streets	16				
Maintenance and Relief Treatment Plant Operator I	16				
Parks Maintenance Technician III	16				
Sanitation Collector/Equipment Operator	16				
Water Quality Technician I	16				
Equipment Operator III Property Maintenance	17	\$ 49,480.64	\$ 61,850.81	\$ 74,220.97	
Equipment Operator III Street	17				
Field Operations Equipment Operator II (Utility Equip Oper)	17				
Field Operations Tech III (Utility Maintenance Worker III)	17				
Human Resource Assistant	17				
Laboratory Technician I	17				
Landscape Specialist	17				
Maintenance and Relief Operator II	17				
Plant Maintenance Mechanic II	17				
Police Administrative Assistant	17				
Public Works Assistant	17				
Senior Customer Service Representative	17				
Treatment Plant Operator I	17				
Utility Administrative Coordinator	17				
Water Quality Technician II	17				

Job Title	Pay Grade	Minimum	Midpoint	Maximum
Accounting Technician I (with payroll)	18	\$ 51,954.68	\$ 64,943.34	\$ 77,932.01
Crew Leader	18			
Fleet Technician	18			
Lake Warden	18			
Treatment Plant Operator II	18			
Water Quality Technician III	18			
Zoning & Inspection Technician	18			
Field Operations Equipment Operator III (Utility Equip Oper)	19	\$ 54,552.41	\$ 68,190.51	\$ 81,828.61
Fire Engineer (Fire Equipment Operator)	19			
Heavy Fleet Technician	19			
Laboratory Technician II	19			
Maintenance Relief Operator III	19			
Parks & Athletic Facilities Maintenance Supervisor	19			
Plant Maintenance Mechanic III	19			
Police Officer I	19			
Public Works Assistant II	19			
Senior Accounting Technician	19			
Street Maintenance Supervisor	19			
Tax Collector	19			
Water Billing Supervisor	19			
Zoning & Inspection Technician II	19			
Zoning Enforcement Officer	19			
Recreation Center Supervisor	20	\$ 57,280.03	\$ 71,600.04	\$ 85,920.04
Recreation Marketing Supervisor	20			
Treatment Plant Operator III	20			
Athletic Supervisor	21	\$ 60,144.03	\$ 75,180.04	\$ 90,216.05
Code Enforcement Officer I	21			
Fire Master Engineer	21			
Laboratory Technician III	21			
Planner I	21			
Police Officer II	21			
Property Maintenance Supervisor	21			
Recreation Program Manager	21			
Fire Inspector	22	\$ 63,151.23	\$ 78,939.04	\$ 94,726.85
Fire Lieutenant	22			
Network/PC Technician	22			
Pretreatment Coordinator	22			
Sanitation Supervisor	22			
City Clerk	23	\$ 66,308.79	\$ 82,885.99	\$ 99,463.19
Code Enforcement Officer II	23			
Fleet Superintendent	23			
Planner II	23			
Police Sergeant	23			
Field Operations Supervisor (Distribution & Collections Supervisor)	24	\$ 69,624.23	\$ 87,030.29	\$ 104,436.35
Laboratory Supervisor	24			
Plant Maintenance Supervisor	24			
Plant Operations Supervisor	24			
Property Maintenance Superintendent	24			
Street Superintendent	24			
Code Enforcement Officer III	25	\$ 73,105.45	\$ 91,381.80	\$ 109,658.17
Environmental & Lab Services Superintendent	25			
Fire Captain	25			
Police Lieutenant	25			

Job Title	Pay Grade	Minimum	Midpoint	Maximum
	26	\$ 76,760.72	\$ 95,950.89	\$ 115,141.08
Field Operations Superintendent	27	\$ 80,598.75	\$ 100,748.45	\$ 120,898.13
Police Captain	27			
Wastewater Plant Superintendent	27			
Water Plant Superintendent	27			
Field Operations Manager/Assistant Utilities Director	28	\$ 84,628.69	\$ 105,785.86	\$ 126,943.04
Assistant Police Chief	29	\$ 88,860.13	\$ 111,075.16	\$ 133,290.19
Utilities Compliance Manager/Deputy Utilities Director	29			
Director of Human Resources/Risk Management	30	\$ 93,303.13	\$ 116,628.91	\$ 139,954.70
Recreation & Parks Director	30			
IT Director	31	\$ 97,968.29	\$ 122,460.36	\$ 146,952.43
Inspections Director	32	\$ 102,866.70	\$ 128,583.38	\$ 154,300.06
Fire Chief	33	\$ 108,010.04	\$ 135,012.55	\$ 162,015.06
Public Works Director	33			
Finance Director	34	\$ 113,410.54	\$ 141,763.18	\$ 170,115.81
Police Chief	34			
Utilities Director	34			
Assistant City Manager	39	\$ 144,743.78	\$ 180,929.73	\$ 217,115.67
Mayor (monthly stipend)		\$801.19		
City Council (monthly stipend)		\$491.85		

Rates & Fees Schedule

May 14, 2024

CITY OF GRAHAM



2024-2025

PROPOSED

**RATES AND FEES
SCHEDULE**

EFFECTIVE:

JULY 1, 2024

Table of Contents

Assessments	3
Cemetery Fees	4
Laboratory Testing Fees	5
Development Fees	6
Engineering, Construction Plan Review and Inspection Fees	7
Inspection Fees	9
Labor and Equipment Fees	11
Miscellaneous Fees	12
Miscellaneous Compensation	14
Recreation and Parks Department Fees	15
User Fees	21
Water and Sewer Tap and System Development Fees	23

Assessments

Curb and Gutter	Set by City Council based on individual project cost
Paving	Set by City Council based on individual project cost
Water and Sewer	Set by City Council based on individual project cost
	City will assume 50% of total construction and engineering expense

Cemetery Fees

Grave Prices	Resident	Non-resident
Conventional Grave – 4'x8'	\$800/grave	\$2,500/grave
Cremation Grave – 4'x4'	\$400/grave	\$1,250/grave
Infant Grave – 4'x4'	\$400/grave	\$1,000/grave
Cremation Grave – 4'x8' (When Available)	\$600/grave	\$2,000/grave
2 nd Right to Interment (When Available)	\$200/grave	\$500/grave
Cremation-Subdividing of Graves	\$200	\$400
Deed Transfers		
Transfer from Resident to Resident	\$5 administrative fee	
Transfer from Resident to Non-resident	\$1,700 per grave + administration fee	
Interment Costs		
Monday – Friday (prior to 2:00pm) ^{2**}	\$500	
Monday – Friday (2:00 pm and after) ^{2**}	\$650	
Saturdays ^{1,2}	\$1,000	
Sundays ² and Holidays ^{2,3}	\$1,250	
Cremation, Infant and 2 nd Right Interment Costs		
Monday – Friday (prior to 2:00pm) ^{2**}	\$250	
Monday – Friday (2:00 pm and after) ^{2**}	\$400	
Saturdays ^{1,2}	\$750	
Sundays ² and Holidays ^{2,3}	\$1,000	
Markers		
Permit Fee – Single or Double*	\$100	
Installation – Single Memorial	\$150	
Installation – Double Memorial	\$175	
<p>Installation Fee is \$50 for reputable companies approved by the City of Graham</p> <p>*Installation Fee is waived for Veterans with an approved government-supplied marker.</p> <p>** Based upon arrival time at the cemetery</p> <p>¹Saturday rate begins at 4:00pm on Friday and ends at 7:00am on Sunday.</p> <p>²\$50.00 per half-hour surcharge after one hour of arrival time or any time after 3:30pm.</p> <p>³The holiday rate applies to any holiday observed by the City.</p> <p>Please Note: Processing fee will be added for all electronic payments.</p>		

Laboratory Testing Fees

BOD	\$25
Suspended Solids	\$18
Phosphate (total)	\$20
Ammonia	\$20
Turbidity	\$10
Temperature and pH	\$10
Coliform Total / Fecal / E. coli Coliform Bacteria	\$30
Coliform Bacteria	\$30
Heterotrophic Plate Count	\$40
TSS Surcharge Fees	\$0.32/lb > 250 mg/l
BOD Surcharge Fees	\$0.32/lb > 250 to 300 mg/l
Application for New Significant Industrial User (SIU) Permit	\$200
Application for New Non-SIU (Local) Sewer Use Permit	\$100
Renewal of any existing permit	\$150
Composite Sampling Fee (Setup/Use/Pickup of Sampler)	\$190 to \$200
Grab Sampling fee	\$65
Annual Administrative Fee	\$150
Fats, Oils, and Grease Annual Inspection	\$30

Analysis performed by outside commercial laboratory will be the cost of analysis plus 20%.

Please Note: A processing fee will be added for all electronic payments.

Development Fees

Development Ordinance Book (printed or flash drive)	\$20 flat fee
Major Subdivision Preliminary Plat Review Fee (5 or more lots)	\$10 per lot (\$200 min).
Planned Unit Development Rezoning Request	\$5 per acre (\$200 min, \$500 max)
General Rezoning Request	\$200 flat fee
Conditional Rezoning Request	\$300 flat fee
Special Use Permit	\$300 flat fee
Final Plat Major Subdivision (more than 5 lots)	\$50 flat fee
Final Plat Minor or Exempt Subdivision (up to 5 lots)	\$25 flat fee
Variance Request	\$300 flat fee
Non-Residential Site Plan TRC Review Fee (excluding subdivision)	\$250 (1 st and 2 nd included), \$100 per review after 2 nd review.
Annexations	\$250 per request
Administrative Amendment to Council-Approved Plans	\$100 flat fee
Wireless Telecommunications Facility	\$500 legal review fee in addition to other applicable fees
Fire Flow Test Fee	\$1,200 for all requested fire flow tests and re-test
Site Development/Right of Way Improvement Re-Inspection	\$250 \$500-2 nd \$750-3 rd etc. To \$350 \$700-2nd \$1,050-3rd etc.

Please Note: A processing fee will be added for all electronic payments.

Engineering, Construction Plan Review, and Inspection Fees

Street Plan Review and Inspection Fee	For all streets, the fee includes construction plan review and permitting, and record drawings and mapping review. In addition, the plan includes limited inspection of subgrade, base courses, asphalt, and curb and gutter: \$2.00 per linear foot of public street and \$1.00 per linear foot of private streets.
Waterline Plan Review and Inspection Fee	For all water lines, the fee includes construction plan review, permitting, and record drawings review and mapping. In addition, the fee includes limited inspection of backfill and trench compaction and coordinating pressure testing and line disinfection: \$1.50 per linear foot of the water line.
Sanitary Sewer Line Plan Review and Inspection Fee	The fee for all sanitary sewer lines includes construction plan review and permitting and record drawings review and mapping. In addition, the fee includes limited inspection of backfill and trench compaction, coordinating sewer line and manhole testing, and line video review inspections: \$1.50 per linear foot of sanitary sewer line.
Storm Sewer Line Plan Review and Inspection Fee	The fee for all storm sewer lines includes construction plan review and permitting and record drawings review and mapping. In addition, the fee includes limited inspection of backfill and trench compaction and line video review inspection: \$1.00 per linear foot of storm sewer line.
Water and Sewer Services	For all water and sewer services, from the mainline tap to the property line, including limited inspection of backfill and trench compaction: \$100.00 per lot or \$50.00 for each service residential service or \$200 for each water service larger than 1 inch or sewer service larger than 4 inches.
Backflow Prevention Device Plan Review and Inspection Fee	For all water services other than a standard water tap a \$200 plan review and inspection fee will be charged for services requiring a backflow prevention device (domestic, fire, and lawn irrigation).
High-Density Stormwater Management Review and Inspection Fee	For all High-Density Stormwater Management plans and devices, including construction plan review and permitting. In addition, the fee includes limited inspection of constructed stormwater devices: \$1,000 per device with one-half payable at the time of plan submittal.

Low-Density Stormwater Management Review and Inspection Fee	For all Low-Density Stormwater Management plans and devices, including construction plan review and permitting. \$150 flat fee.
Sewer Pump Stations Requiring Permit Fee	For all sewer pump stations requiring a permit. The fee includes plan review, permitting, record drawings review, and limited construction inspection: \$5,000.
Buffer Authorization Permit Fee	Exempt Buffer Disturbance - \$25. Non-Exempt Buffer Disturbance - \$250.
Floodplain Development Permit Fee	\$50 permit flat fee. Impacts to floodway required FEMA permitting – an additional \$250.
Water System Hydraulic Modeling	Water modeling for extensive offsite waterlines (over 1,000 linear feet of offsite extension) is to be completed by the City's chosen outside contractor. The cost of modeling is to be the City's cost.

Non-routine or excessive inspections will include holidays, weekend inspections, and after-hours work. Non-routine or excessive inspection may include repeat inspections due to contractor failure or lack of coordination by the contractor. Non-routine or excessive inspections will be charged a rate of \$100/hour per person after the second inspection, re-inspections, holidays, and weekends with inspections that require multiple people present to be charged at multiples of this rate.

Construction Plan Review and Inspection Fees are to be fully paid before the approval of construction drawings.

Please Note: A processing fee will be added for all electronic payments.

Inspection Fees

Building Permit

Minimum Permit Fee	\$60
Residential (total structural square feet)	\$0.25 per sf
Commercial	\$5 per \$1,000 of value
Re-inspection Fee ¹	\$60
Building Plan Review, Commercial	\$200 buildings up to 10,000 sf \$200 + \$0.01 per sf for buildings >10,000 sf
Building Plan Review, Commercial Upfit	\$100
Building Plan Review, Residential	\$60
Sprinkler System (review and permit)	\$100
Swimming Pool	\$100
Sign	\$60
Building Fee Misc.	\$60
Home Recovery	\$10

Electrical Permit

Minimum Permit Fee	\$60
Extra Trip	\$30 per trip
Re-Inspection Fee ¹	\$60
Mobile Home Park Spaces (1-5)	\$60
Mobile Home Park Spaces (above 5)	\$6 per space
Billboards	based on service size
Saw Service	\$60
Temporary Service for Construction Site	\$60
Temporary Power for Sec. 10.8 N.C.E.C	\$60
Residential and Commercial Service	\$0.10 per sf
Low Voltage Wiring	\$0.05 per sf
Security System	\$60
Wiring Swimming Pool	\$110

Heating and Air Conditioning Permit

Minimum Permit Fee	\$60 plus \$5 per additional thousand
Re-Inspection Fee ¹	\$60
Ansul Test on Hoods	\$100
Duct Test (smoke)	\$60
New Gas Line	\$60
Temporary Gas	\$60
Fireplace	\$60

Insulation Permit

Single Family Dwellings	\$60
Multi-Family Dwellings	\$30 per unit
Re-Inspection Fee ¹	\$60

Plumbing Permit

First Fixture ³	\$60
Each Additional Fixture ³	\$10
Water Tap Non-Sewer Use	\$60
Re-Inspection Fee ¹	\$60

Mobile Homes

On-Site Inspection for HUD-Labeled	\$200 all-inclusive
------------------------------------	---------------------

Miscellaneous Building

ABC Inspection	\$100
Demolition of Building	\$60 plus \$1,000 cash bond
Driveway Permit ²	\$60
Moving of Building	\$60 plus \$1,000 cash bond
New Business Building & Fire Inspection	\$60
Fire Re-Inspection Fee ¹ (routine inspections)	\$60-3 rd , \$120-4 th , \$180-5 th , etc.
On-Site Consultations (all trades)	\$60
Tanks (50-10,000 gallons)	\$60
Tanks (over 10,000 gallons)	\$2 per additional thousand gallon
Change of Contractor	\$60
Daycare Inspections	\$100

Inspection Fee Notes

1. A re-inspection fee may be assessed when the permitted work is not ready at the time of the requested inspection or when recurring deficiencies exist.
2. Before any person shall cut or construct a driveway, such person shall apply to and secure from the City Building Inspector a permit to do so, and pay the applicable fee.
3. For multi-family developments, each unit shall be calculated individually for plumbing permits.
4. Any change of contractor will incur a \$60 fee.

Please Note: Processing fee will be added for all electronic payments.

Labor and Equipment Fees

Superintendent	\$ actual
Equipment Operator or Labor Supervisor	\$ actual
All Other Labor	\$ actual
Motor Grader	\$45
Track Loader	\$125
Rubber Tired Loader	\$40
Tandem Dump Truck	\$67
Dump Truck	\$53
Dumpster	\$400
Roller	\$30
Tractor	\$22
Tack Distributor	\$18
Backhoe	\$44
Air Compressor	\$12
Snowplow	\$23
Pickup Truck	\$12
Sweeper	\$100
Flusher	\$33
Low Boy Trailer	\$20
Chipper	\$32
Chainsaw, Concrete Saw, and Tamp	\$5
Grinder and Line Remover	\$15
Paint Gun	\$10
Bush Hog	\$10
Sewer Roder	\$15
CL12 Taping Machine	\$12
Pumps, Other Taping and Other Small Equipment	\$5
Bucket Truck	\$45
Paver	\$67
Cement Mixer	\$8

Straw Blower	\$8
Utility Trailer	\$10
Sewer Jet Machine	\$15
Welding/Generator Trailer	\$15
TV Inspection Camera	\$15
Skid Steer Loader	\$25
Hydraulic Breaker	\$15
Message Board	\$5
Dozer	\$55
UTV	\$14
Excavator	\$82
Mini Excavator	\$21
Leaf Picker	\$75
Tracked Skid Steer	\$36
Boom Mower	\$30
Crew Cab Service Truck	\$20

Labor and Equipment Notes

- ❖ All rates are per hour.
- ❖ Any Labor performed after hours, on weekends, or holidays will be billed at time plus ½ hour.
- ❖ Any other equipment is based on current contractual rental rates.
- ❖ **Minimum rate of two hours.**

Please Note: Processing fee will be added for all electronic payments.

Miscellaneous Fees

Auto Mileage Reimbursement	Current USGA rate for POV mileage reimbursement (www.gsa.gov)
Bad Check Penalty	\$25
Print Copy (11x17)	\$1.50 per page
Print Copy (18x24)	\$5.00 per page
Print Copy (34x44)	\$10.00 per page
Copy Fee	\$0.25 per page
Faulty Burglar Alarm (Sec. 2-222(c))	\$50 after 2 faulty alarms during 2 calendar months

Faulty Fire Alarms (Sec. 2-246(d))	\$50 after 2 faulty alarms during 2 consecutive months
Fingerprinting for Public	\$3 for identification only; no charge for children 12 years old and younger
Lot Mowing Administrative Fee	\$50 per mowing
Notice of Attachment and Garnishment	\$5 per GS-105-368
Sign Damage Fees	
City Limit Sign	\$75 plus pole, plus labor
Stop Sign, 30x30	\$40 plus pole, plus labor
Stop Sign, 36x36	\$60 plus pole, plus labor
Stop Sign, 48x48	\$120 plus two poles, plus labor
City-Wide Speed Limit Sign, 42x30	\$85 plus two poles, plus labor
City-Wide Speed Limit Sign, 60x36	\$150 plus two poles, plus labor
Warning Signs (e.g. curve, dead-end)	\$55 plus pole, plus labor
Regulatory Signs (e.g. speed limit, weight limit, do not enter, yield)	\$45 plus pole, plus labor
One-Way Arrows	\$30 plus pole, plus labor
Street Name Sign	\$150 plus labor
All Parking Regulation Signs	\$20 plus pole, plus labor
School/Pedestrian Crossing Sign	\$110 plus pole, plus labor
Downtown Residential Parking Permit	\$20 per year
Pole	\$35
Labor	(Actual Rate)
Solicitors/Canvassers Permit	\$25 per Sec. 6-70
Solicitation Fee	\$50
Street Signs (City Style for Private Streets)	\$150 complete set with 2 blades, poles, bracket, cap, and installation
Street Signs (City Style for Private Streets)	\$85 sign set only, no pole or installation
Street Cuts (up to 4'x5' or 20 sf)	\$40 minimum
Street Cuts (over 4'x5' or 20 sf)	\$40 minimum plus \$2 per additional sf
Taxi Driver Permit	\$1 per Sec. 6-162
Temporary Encroachment Permit	\$40 plus labor

Temporary Parking Permit	\$5 per day \$25 per month \$150/year Sec. 20-161
Topographic Diskette with One Sheet	\$25 per map
Topographic Map Blueprint	\$10 per map
Topographic Maps Disk (of Graham & Burlington)	\$150 plus labor
Trimming City-Owned Trees Bond	\$50,000 Property Damage
Trimming City-Owned Trees Bond	\$50 Personal Injury
Trimming City-Owned Trees	\$15 per Sec. 10-63
Cement Catch Basin Cover	\$475

A processing fee will be added for all electronic payments.

Miscellaneous Compensation

Mayor	\$771.86 per month
City Council Member	\$473.84 per month
Cell Phone Allowance	\$35 per month
Firemen's Compensation	\$10 per call/meeting/training Plus \$1 to Graham FD Supplemental Retirement

Recreation and Parks Department Fees

Athletics/Camps

	Resident	General Public	Commercial
Athletics ¹	\$25	\$40	N/A
¹ A multiple-child discount will be available to Graham residents for children in the same household; the first child will be charged the full fee, the second child will be charged 75% of the full fee, and three or more children will each be charged 50% of the full fee			
Athletic Camps Including Soccer, Basketball, Baseball, Softball, Flag Football, Lacrosse	Fees for each camp will be set by the GRPD Director and the Athletic Supervisor, based on facility, staffing, and equipment needs		N/A
Summer Day Camp			
10 Weeks	\$575/1 st child	\$745/1 st child	
6 weeks	\$350/1 st child	\$450/1 st child	
Weekly ²	\$70/child	\$86/child	
Daily ²	\$21/child	\$26/child	
Multiple Child Discount ³	\$30/child	\$30/child	
² Limited based on availability			
³ Discounts will not be given on weekly or daily rates			

Please Note: A processing fee will be added for all electronic payments.

Special Events and Programs

The GRPD Director may set fees for special events and programs based on facility, staffing, and equipment needs

Graham Recreation Center

	Resident	General Public	Commercial
Open Gym Basketball			N/A
Ages 16-54	\$1/visit	\$1/visit	
Ages 15 & U; 55+	FREE	FREE	
Weight Room			
Ages 16-54	\$1/visit	\$1/visit	

Ages 16-54	\$40/six-month pass	\$55/six-month pass	
Ages 16-54	\$25/three-month pass	\$40/three-month pass	
Ages 55+	Free	Free	

Please Note: Processing fee will be added for all electronic payments.

Graham-Mebane Lake

	Fees for All Customers	Commercial
Boat Launching ²	\$9/vessel	N/A
Boat Launching-Seniors ^{2,4}	\$4/vessel	
Non-motorized Vessel Launching ³	\$6/vessel or \$45/year	
Non-motorized Vessel Launching-Seniors ^{3,4}	\$3/vessel or \$30/year	
Bank Fishing	\$3/person or \$35/year	
Bank Fishing-Seniors ⁴ & Persons w/100% Disability	\$1/person or \$15/year	
Annual User Fee Permit ⁵	\$70/year	
Annual User Fee Permit-Seniors ^{4,5}	\$50/year	
Annual User Fee Permit-Group	\$125/year	
Boat Launching-Maintenance & Demonstrations ⁶	\$4/vessel	\$4/vessel or \$300/annual
	Fees for All Customers	Commercial
Jon Boats	\$10/4 hrs. \$16/8hrs	N/A
Canoe Rental	\$15/4hrs \$20/8hrs	
Solo Kayak Rental	\$12/4 hrs. \$18/8 hrs.	
Tandem Kayak Rental	\$18/4 hrs. \$24/8 hrs.	
Event Rental	\$175/5 hrs.	\$275/5 hrs.

² All motorized boats including jet skis

³ All non-motorized vessels including kayaks, canoes & paddleboards

⁴ Senior fee begins at age 65

⁵ Includes boat launching and daily fees for a single individual and covers a maximum of two boats

⁶ No Recreational activities (fishing, skiing, etc.) allowed; for boat and/or trailer maintenance/repair checks, swapping of boats and trailers, and all demonstrations for potential sales; fee is for a one-hour limit, activity over one hour will be charged the full boat launch fee; no charge for the general public if the boat remains on trailer

Please Note: A processing fee will be added for all electronic payments.

Facility Rental Fees

Bill Cooke Park

Field/Room/Equipment	Resident/Non-Profit ^{1*}	General Public	Commercial*
Passive Areas Open Space, Perimeter Trail, Etc.	\$150 (5 hrs. max)	\$200 (5 hrs. max)	\$275 (5 hrs. max)
Single Field Field #1, Field #2 or Field #3	\$150/day (10 hrs.) \$20/hr.	\$200/day (10 hrs.) \$25/hr.	\$275/day (10 hrs.) \$35/hr.
	Resident/Non-Profit ^{1*}	General Public	Commercial*
Field Prep	\$20 ea.	\$20 ea.	\$20/ea.
Field Lining	\$10 ea.	\$10 ea.	\$10 ea.
Lights (single field)	\$25/hr.	\$25/hr.	\$25/hr.
Scoreboard (single field)	\$20/hr.	\$20/hr.	\$20/hr.
Staff Supervision ²	\$20/hr.	\$20/hr.	\$20/hr.

¹Must be a 501(c)(3), tax-exempt or charitable organization in good standing and must be approved by the City of Graham

²Supervision Fee may be waived for City of Graham employees upon approval of the GRPD Director or Athletic Supervisor

*All rentals to Non-Profit and Commercial entities must be approved by the GRPD Director

Please Note: A processing fee will be added for all electronic payments.

Graham Recreation Center

	Resident/Non-Profit ^{1*}	General Public	Commercial*
Full Center Gym #1, Gym #2, Room #1 & Kitchen	\$60/hr. + staff fee	\$120/hr. + staff fee	\$240/hr. + staff fee
Room #1 Multi-purpose Room, Includes Kitchen	\$20/hr. + staff fee	\$40/hr. + staff fee	\$80/hr. + staff fee
Gym #1-Full Gym, Includes Kitchen	\$30/hr. + staff fee	\$60/hr. + staff fee	\$120/hr. + staff fee
Gym #2-Half Gym, Includes Kitchen	\$25/hr. + staff fee	\$50/hr. + staff fee	\$100/hr. + staff fee
Tables ³ (For Use Outside Center)	\$3/table per day	\$3/table per day	\$3/table per day
Chairs (For Use Outside Center)	\$0.25/chair per day	\$0.25/chair per day	\$0.25/chair per day
Staff Supervision ²	\$20/hr.	\$20/hr.	\$20/hr.
Cleaning Deposit ⁵	\$50	\$50	\$50

¹Must be a 501(c)(3), tax-exempt or charitable organization in good standing and must be approved by the City of Graham

²Supervision Fee may be waived for City of Graham employees upon approval of the GRPD Director or Athletic Supervisor

³Each rental will be charged a \$50 refundable security deposit

⁵Refundable and included in all rentals

*All rentals to Non-Profit and Commercial entities must be approved by the GRPD Director

Please Note: A processing fee will be added for all electronic payments.

Graham Civic Center

	Resident/Non-Profit ^{1*}	General Public	Commercial*
Full Center, Includes Kitchen	\$20/hr. + staff fee	\$40/hr. + staff fee	\$80/hr. + staff fee
	\$75/5 hrs. + staff fee	\$150/5 hrs. + staff fee	\$300/5 hrs. + staff fee

	\$132/10 hrs. + staff fee	\$265/10 hrs. + staff fee	\$530/10 hrs. + staff fee
Sand Volleyball Court	\$15/hr.	\$20/hr.	\$30/hr.
Staff Supervision ²	\$20/hr.	\$20/hr.	\$20/hr.
Cleaning Deposit ⁵	\$50	\$50	\$50
¹ Must be a 501(c)(3), tax-exempt or charitable organization in good standing and must be approved by the City of Graham ² Supervision Fee may be waived for City of Graham employees upon approval of the GRPD Director or Athletic Supervisor ⁵ Refundable and included in all rentals *All rentals to Non-Profit and Commercial entities must be approved by the GRPD Director Please Note: A processing fee will be added to all electronic payments.			

South Graham Park

	Resident/Non- Profit ^{1*}	General Public	Commercial*
Sand Volleyball Court	\$15/hr.	\$20/hr.	\$30/hr.
¹ Must be a 501(c)(3), tax-exempt or charitable organization in good standing and must be approved by the City of Graham *All rentals to Non-Profit and Commercial entities must be approved by the GRPD Director Please Note: A processing fee will be added for all electronic payments.			

Maple St. Center

	Resident/Non- Profit ^{1*}	General Public	Commercial*
Full Center, Does Not Include Kitchen	\$15/hr. + staff fee	\$30/hr. + staff fee	\$60/hr. + staff fee
Supervisory Staff Fee ⁴	\$20/hr.	\$20/hr.	\$20/hr.
Cleaning Deposit ⁵	\$50	\$50	\$50
¹ Must be a 501(c)(3), tax-exempt or charitable organization in good standing and must be approved by the City of Graham ⁴ Supervisory fees must be paid for all centers. An additional hour will be added to all rentals for facility preparations. Supervisory fees may be waived for the Graham Recreation Center during regular business hours and for all centers for City of Graham employees upon approval of the GRPD Director or Center Supervisor ⁵ Refundable and included in all rentals *All rentals to Non-Profit and Commercial entities must be approved by the GRPD Director Please Note: A processing fee will be added for all electronic payments.			

Shelters

	Resident	General Public	School Systems	
Bill Cooke Park, Shelter #1 & Shelter #2	\$25/reservation period	\$50/reservation period	Alamance Co. Schools	Non-Alamance Co. Schools
S. Graham Park, Shelter A & Shelter B			FREE	\$20
Graham Regional Park				
Graham-Mebane Lake				

Please Note: A processing fee will be added for all electronic payments.

User Fees

Refuse Fees

*Recycling	\$6 to \$7 per unit, per month
*Garbage Land Fill Tipping Fee	\$5.50 to \$6.50 per unit, per month
Compost Bin	\$50 per bin
New Home Garbage & Recycling Container	\$70 per container
***Bulk Waste (in excess of 2 clamshell bites)	\$22 per cubic yard in excess of 2
***Tree Trimmings (in excess of 2 clamshell bites)	\$16 per cubic yard in excess of 2
*All water customers inside the City Limits without containerized disposal systems (dumpsters) per customer or dwelling unit	

Please Note: A processing fee will be added for all electronic payments.

Stormwater Fee

Stormwater Charge	\$2 to \$3.50 per month per utility account
-------------------	--

Water Rates

Water Base Rate (per month)	\$5.38 to \$5.89
Water Rates per 1,000 gallons (Inside City Limits)	
0-2,500	\$3.71 to \$4.06
2,500-10,000	\$4.12 to \$4.57
10,001-100,000	\$4.18 to \$4.58
100,001-1,000,000	\$4.24 to \$4.64
1,000,001-2,000,000	\$4.30 to \$4.71
2,000,000+	\$4.35 to \$4.76
Water Rate (Outside City Limits)	Double inside rates
Water Base Rate (Outside City Limits)	\$10.76 to \$11.78
Municipal Customers (per 1,000 gallons)	Inside rates
Delinquent Fee	2% (Minimum of \$5) +
Non-payment Fee	\$40
*Water Deposit (Inside Residential)	\$80

*Water Deposit (Outside Residential)	\$160
*Water Deposit (Inside Non-residential)	\$100
*Water Deposit (Outside Non-Residential)	\$200
Meter Tampering Fee	\$100
**Meter Testing Fee (Inside)	\$10
**Meter Testing Fee (Outside)	\$20
Service Initiation Fee	\$10
Backflow Annual Testing (For Irrigation Accounts)	\$10.42 per month
Hydrant Meter Deposit	\$2,000
<p>*No deposit is required for property owners. Deposits are required for rental or leased property and are refundable when final bills are paid.</p> <p>**During testing, if meter checks out of limits estimated by AWWA, the money shall be refunded and an adjustment made to the water bill. If meter tests are within AWWA Standards, the fee shall remain with the City.</p>	

Please Note: A processing fee will be added for all electronic payments.

Sewer Rates

Sewer Base Rate (per month)	\$5.38 to \$5.89
Sewer Rates per 1,000 gallons:	
0-2,500	\$6.41 to \$7.02
2,500-10,000	\$12.41 to \$13.59
10,001-100,000	\$12.49 to \$13.68
100,001-1,000,000	\$12.57 to \$13.76
1,000,001-2,000,000	\$12.65 to \$13.85
2,000,000+	\$12.74 to \$13.95
Unmetered Sewer Charge (per month)	\$72.41
Outside User Sewer Surcharge (per month)	\$31.75

Please Note: A processing fee will be added for all electronic payments.

Water and Sewer Tap and System Development Fees

Water & Sewer Tap & Meter Fees					
	Water Meter Fee	Water Tap Fee (Inside City limits)	Water Tap Fee (Outside City limits)	Sewer Tap Fee (Inside City limits)	Sewer Tap Fee (Inside City limits)
Residential Dwelling Unit (3/4" Meter - 2 BR)*	\$300/ \$350	\$1,000/ \$2000	\$2,000/ \$4000	\$1,000/ \$2000	\$2,000/ \$4000
Residential Dwelling Unit (3/4" Meter - 3 BR)*	\$300/ \$350	\$1,000/ \$2000	\$2,000/ \$4000	\$1,000/ \$2000	\$2,000/ \$4000
Residential Dwelling Unit (3/4" Meter - 4 BR)*	\$300/ \$350	\$1,000/ \$2000	\$2,000/ \$4000	\$1,000/ \$2000	\$2,000/ \$4000
Residential Dwelling Unit (3/4" Meter - 5 BR)*	\$300/ \$350	\$1,000/ \$2000	\$2,000/ \$4000	\$1,000/ \$2000	\$2,000/ \$4000
All Other Zoning Categories/Uses - 3/4" Meter	\$300/ \$350	Owner or Developer is responsible for providing taps for all other types, sizes, and zoning classifications except for fire suppression taps in the #1 fire district where taps will be provided by the City.			
All Other Zoning Categories/Uses - 1" Meter	owner or Developer is responsible for providing meters meeting City or Graham Standards and Specifications				
All Zoning Categories/Uses - 1.5" Meter					
All Zoning Categories/Uses - 2" Meter					
All Zoning Categories/Uses - 3" Meter					
All Zoning Categories/Uses - 4" Meter					
All Zoning Categories/Uses - 6" Meter					

Water & Sewer System Development Fees - July 1, 2022				
Customer Type	Equivalent Residential Unit [‡]	Water Fee	Sewer Fee	Total Fee
Residential Dwelling Unit (3/4" Meter - 2 BR)	1	\$1,100	\$1,100	\$2,200
Residential Dwelling Unit (3/4" Meter - 3 BR)	1.5	\$1,650	\$1,650	\$3,300
Residential Dwelling Unit (3/4" Meter - 4 BR)	2	\$2,200	\$2,200	\$4,400
Residential Dwelling Unit (3/4" Meter - 5 BR)	2.5	\$2,750	\$2,750	\$5,500
All Other Zoning Categories/Uses - 3/4" Meter	1	\$1,100	\$1,100	\$2,200
All Other Zoning Categories/Uses - 1" Meter	1.67	\$1,837	\$1,837	\$3,674
All Zoning Categories/Uses - 1.5" Meter	3.33	\$3,663	\$3,663	\$7,326
All Zoning Categories/Uses - 2" Meter	5.33	\$5,863	\$5,863	\$11,726
All Zoning Categories/Uses - 3" Meter	11.67	\$12,837	\$12,837	\$25,674
All Zoning Categories/Uses - 4" Meter	21	\$23,100	\$23,100	\$46,200
All Zoning Categories/Uses - 6" Meter	43.33	\$47,663	\$47,663	\$95,326

†Applicable System Development Fee(s) for development requiring smaller or larger water meters will be calculated on a project specific basis using rates and methodology identified in the City's System Development Fee Analysis.

‡Equivalent Residential Unit is approximate multiplier adapted from AWWA Manual of Water Supply Practices-M1, *Principles of Water Rates, Fees, and Charges*.

*120 gallons per day per bedroom (min. 2-BR)

Please Note: A processing fee will be added for all electronic payments.

Notes:

- (1) Water and Sewer Development Fees are based on the number of bedrooms proposed for standard residential meter connections. Water and Sewer Development Fees for other metered connections are based on the meter size of the connection.
- (2) Any item not included in the above schedule shall be referred to the City Manager for a specific price determination.
- (3) Except for development involving the subdivision of land, the above fees are payable at the time of application for connection. For development involving the subdivision of land, System Development Fees shall be paid at the time of plat recordation or when water or sewer service is committed by the City, whichever comes first.
- (4) Projects may pre-pay water and sewer development fees after construction plan approval or after water and sewer permit issuance. Pre-payment will be based on the applicable fees at that point in time. Prepayment of fees will not be impacted by future changes in fees in that no fees will be returned due to reduced fees nor additional fees charged due to increases in fees.
- (5) Owner or Developer is responsible for providing taps for all non-standard types, sizes, and zoning classifications except for fire suppression taps in the #1 fire district where taps will be provided by the City and for standard residential taps as noted above.
- (6) Owner or Developer is responsible for providing meters meeting City of Graham Standards and Specifications for all other types, sizes, and zoning classifications for all meters above $\frac{3}{4}$ " in size.
- (7) Owner or Developer of a residential subdivision, as defined in *Section 10.336* of the City of Graham Development Ordinance, is responsible for furnishing water and sewer taps in which tap fees will not be charged.

Please Note: A processing fee will be added for all electronic payments.

Final - 6-28-22 Revised 5-9-23
Revised – 7-12-22 Adopted 6-13-23
Revised – 11-8-22 Revised 5-14-24

CIP

Capital Improvement Plan

May 14, 2024



What is a Capital Improvement Plan?

A Capital Improvement Plan (CIP) is a financial planning and management tool that lists proposed capital projects and capital purchases for a rolling five-year (General Fund) or ten-year (Water & Sewer Fund) period. This multi-year document identifies and prioritizes the need for improvements and purchases and coordinates their funding and optimal time frames for completion. It is also a process that provides order and continuity to the repair, replacement, construction and/or expansion of the City's facilities. It puts a focus on preserving our infrastructure while ensuring the efficient use of public funds.

The CIP also serves to inform the taxpayers of Graham how the City plans to prioritize, schedule, and coordinate capital improvement projects over the next five years. The benefits of creating and annually updating the CIP include:

- Prudent use of taxpayer dollars;
- Focusing the City expenditures on the needs expressed by the governmental departments and agencies;
- Transparency in identification of high-priority projects;
- Coordination/cost-sharing between projects;
- Improving the City's eligibility for State and Federal grants; and
- Budgeting for improvements and major renovations or purchases annually rather than reacting only to the needs for that year.



The City of Graham CIP is organized much like the annual operating budget and is separated by funds that are divisible by departments.

Department heads and supervisors have submitted their updated CIP requests for the next five years (10 years for Water & Sewer) with prioritization levels and justification sheets. Each worksheet represents the requests of the various departments.

GENERAL FUND

Capital Requests Met- General Fund

Department	Account	Item	Costs
Information Technologies	4300	Cybersecurity Software	\$ 37,000.00
Information Technologies	4300	Security Cameras (Phase II)	\$ 40,000.00
Information Technologies	4300	WTP Security Upgrade	\$ 26,000.00
Information Technologies	4300	Yearly Network Refresh	\$ 55,000.00
Public Buildings & Grounds	5000	HVAC Replacement (#3of 4) Water Billing	\$ 50,000.00
Fire Department	5300	Hose Replacement	\$ 19,400.00
Streets & Highways	5600	Public Works Parking Lot Repair	\$ 20,000.00
Streets & Highways	5600	Pedestrian Sidewalks	\$ 30,000.00
Streets & Highways	5600	Asphalt Roller	\$ 40,000.00
Streets & Highways	5600	Street Resurfacing	\$ 600,000.00
Sanitation	5800	Automated Garbage Truck Replacement	\$ 425,000.00
Graham Mebane Lake	6210	Boat Lift	\$ 10,000.00
Graham Mebane Lake	6210	Boat Slip for Jon Boats	\$ 157,500.00
Athletic Facilities	6220	Interior Directional Signs - Cooke & S. Graham Parks	\$ 10,000.00
Property Maintenance	6450	Diesel Mower	\$ 20,000.00
TOTAL			\$ 1,539,900.00

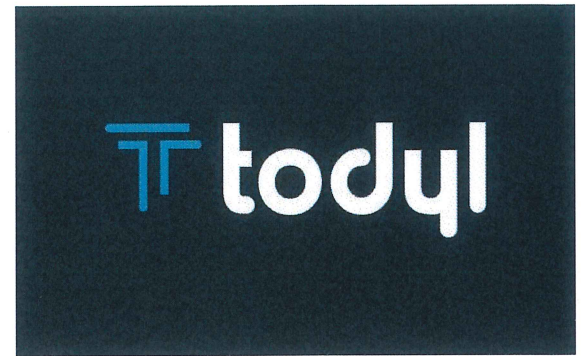
INFORMATION TECHNOLOGIES

4300- Information Technologies							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		165,500	150,500	156,500	117,500	127,500	717,500
Request							
Cybersecurity Software		37,000	38,000	39,000	40,000	41,000	195,000
Security Camera Upgrade		40,000	40,000	40,000			120,000
Network Refresh/ Renewal		55,000	65,000	70,000	70,000	75,000	335,000
WTP Security Upgrade		26,000				4,000	30,000
Civic Center Internet Upgrade		7,500	7,500	7,500	7,500	7,500	37,500
							0
Subtotal	0	165,500	150,500	156,500	117,500	127,500	717,500

*Highlighted item(s) recommended for FY25 only



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Cybersecurity Software

Description and Scope

Implement City wide Cybersecurity Software.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The city currently does not have this type of solution. We are manually pulling logs in hopes they are not deleted during these types of attacks. This is very time consuming and not reliable.

Justification/Purpose

This software creates one platform to become a comprehensive security solution, a zero trust security solution. It will replace our anti-virus and VPN software as well as provide total visibility across all device security logs and more. Will help us protect, detect, and respond to multiple different types of attacks.

Impact if Delayed/Alternatives

Zero visibility of attacks if the security logs are deleted. It is extremely hard to follow these types of attacks, especially with no trail to follow.

Operating Impact/Other Comments

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase	\$ 6,000	\$ 37,000	\$ 38,000	\$ 39,000	\$ 40,000	\$ 41,000	\$ 45,000
Construction							
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 6,000	\$ 37,000	\$ 38,000	\$ 39,000	\$ 40,000	\$ 41,000	\$ 45,000

Funding

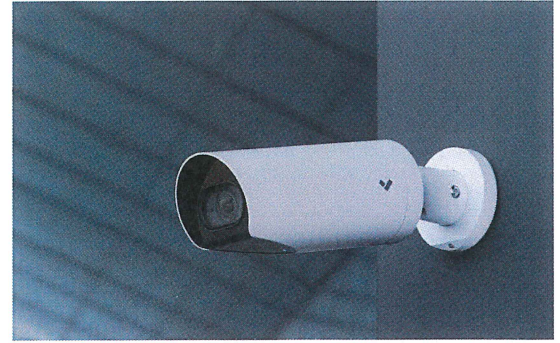
	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund	\$ 6,000	\$ 37,000	\$ 38,000	\$ 39,000	\$ 40,000	\$ 41,000	\$ 45,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 6,000	\$ 37,000	\$ 38,000	\$ 39,000	\$ 40,000	\$ 41,000	\$ 45,000

Contact Person: Jeff Wilson

Department: IT (4300)



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Security Camera Update

Description and Scope

The city currently has two camera systems. One system is about six years old (Exacq) and the other is relatively new leveraging cloud technology (Verkada). The idea is not to replace the Exacq server or cameras and start moving over to the new system and hardware.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Old system is end of life and is showing even more signs of failure. We have started replacing cameras this year with the approved amount. Requesting to replace as many cameras as possible this year.

Justification/Purpose

The city currently uses multiple video security cameras to provide security across the city. These cameras are for the sole purpose of security to assist the Graham Police Department in the event of criminal activity and ensuring the safety of Graham citizens.

Impact if Delayed/Alternatives

The current system is failing. We have had several issues with the system this past year. One of the network adapters has completely gone out and is not repairable. It is only a matter of time before the entire system crashes and all the cameras on old system will be down.

Operating Impact/Other Comments

Remaining Cameras to be replaced
3 Multi-Sensor- \$5,100 Each
1 PTZ Downtown-\$5,300 Each
27 Single Sensor- \$3,600 Each

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase	\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000			\$ 150,000
Construction							
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 0	\$ 0	\$ 150,000

Funding

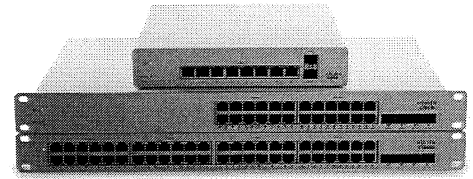
	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund	\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000			\$ 150,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 0	\$ 0	\$ 150,000

Contact Person: Jeff Wilson

Department: IT (4300)



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Network Refresh

Description and Scope

The city hardware license for some network devices (switches, firewalls, wireless access points) expire. Some need to be replaced while some just need license renewal.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

We currently have 10 security devices (Firewalls), 23 network switches, and 35 wireless access points. Over the past year, technology equipment prices have continued to raise at rates never seen before.

Justification/Purpose

Network devices are what control the network traffic and connectivity across the city. Every building across the city has at least one device providing network connectivity to the users. These devices create the internal network and connect the city to the outside world.

This years refresh includes:
Remote Location Firewalls, Multiple Switches, Access Points, Expired Licenses

Impact if Delayed/Alternatives

Several network devices across the city will stop working unless the licenses are extended or new units purchased.

Operating Impact/Other Comments

The city can not function without these devices.
We will renew all licenses to keep the city running, but we can now stager them different years to make budgeting easier.

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase	\$ 65,000	\$ 55,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 80,000
Construction							
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 65,000	\$ 55,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 80,000

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund	\$ 65,000	\$ 55,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 80,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 65,000	\$ 55,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 80,000

Contact Person: Jeff Wilson

Department: IT (4300)



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: WTP Security Upgrade

Description and Scope

This project is to upgrade the current outdated electronic gate & camera system at the Graham Mebane Water Treatment Plant.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Current system is extremely outdated. The cameras are so fogged you can hardly see out of them and gate electronics are a hodgepodge of used parts barley holding together. The water tight container holding parts is now just a container.

Justification/Purpose

New system would be a Verkada Security system for both the video security and gate security. New cameras around WTP as well as one on the podium for gate access. Water tight box would be replaced as well as a rain hood for the intercom. Wireless internet equipment for gate would also be upgraded to provide faster and more reliable connection.

Impact if Delayed/Alternatives

Continue spending funds to repair gate as needed. Extremely expensive.

Operating Impact/Other Comments

Licenses are included for 5 Years

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase		\$ 26,000				\$ 4,000	\$ 22,000
Construction							
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 26,000	\$ 0	\$ 0	\$ 0	\$ 4,000	\$ 22,000

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$ 26,000				\$ 4,000	\$ 22,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 26,000	\$ 0	\$ 0	\$ 0	\$ 4,000	\$ 22,000

Contact Person: Jeff Wilson

Department: IT (4300)

PUBLIC BUILDINGS & GROUNDS

5000-Public building & Grounds							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		50,000	0	0	0	0	50,000
Request							
HVAC Replacement City Hall		50,000					50,000
							0
							0
							0
							0
							50,000
Subtotal	0	50,000	0	0	0	0	

* Highlighted item(s) recommended for FY25 only

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: HVAC replacement

Description and Scope

Replace HVAC unit city hall.

Priority:

High



Category:

II. Maintenance/Replacement 

History and Current Status

25+ years old

Justification/Purpose

The HVAC units have become obsolete with parts becoming hard to find for service repairs. Given the age of the units increasing repair cost would be expected.

Impact if Delayed/Alternatives

The HVAC units on the roof have become obsolete with parts being difficult to find. Replacement without being budgeted for would be a substantial burden on the budget.

Operating Impact/Other Comments

Cost


	Total Cost
Planning/Design	\$ 50,000
Purchase	
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 50,000

Funding

General Fund	\$ 50,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 50,000



Contact Person: Jimmy Lloyd

Department: Public Buildings and Grounds (500) 

POLICE DEPARTMENT

5100-Police Department							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		210,573	0	0	0	0	210,573
Request							
Firearms Range Building Replacement		53,347					53,347
Roof Repair		157,226					157,226
							210,573
Subtotal	0	210,573	0	0	0	0	

*Highlighted item(s) recommended for FY25 only

FIRE DEPARTMENT

5300-Fire Department							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		988,400	19,400	19,400	0	0	1,027,200
Request							
Fire Hose Replacement		19,400	19,400	19,400			58,200
Extrication Equipment Upgrade		44,000					44,000
Fire Engine Replacement		900,000					900,000
Fire Station Kitchen Remodel		25,000					25,000
							1,027,200
Subtotal	0	988,400	19,400	19,400	0	0	

*Highlighted item(s) recommended for FY25 only



2024-25 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Fire Hose Replacement

Description and Scope

This CIP project replaces begins a process to replace fire hose on each of our apparatus. Most of the hose we carry (62%) is older than 2010 and 34% of our hose (3700') is older than 1994. A UT Municipal Technical Advisory Panel states that fire hose should be replaced every 10 years using the NFPA 1962 standard on fire hose. While I believe that some fire hose that is not used on a regular basis (reserve apparatus) may last longer, 10-year replacement plan should be established. This plan is to replace one truck of hose for the next 4 years.

Justification/Purpose

NFPA Standards requires that fire hose is tested annually to ensure that the hose is free of leaks, rips, tears, and coupling damage. This is completed by a 3rd party vendor for the purpose of liability. Over the last 3 years we have seen more and more hose failing hose testing mostly due to age. In 2022, 11,250 feet of hose was tested and 700 feet failed (6%). This required us to use spare hose to fill the gap leaving us basically no hose in reserve. We now have to take hose off of another truck to replace hose that is drying before it can be placed back on a truck.

Priority:

High

Category:

III. Expansion of Existing

History and Current Status

GFD Hose records indicate that we have fire hose dating back to 1994. In fact, 3050 feet of hose can not be traced back to a date of manufacture but we believe it is older than 1994.

Impact if Delayed/Alternatives

We will continue to see fail at a rate of 5 to 10% per year. My concern is that it fails on the fire ground when our personnel are fighting a fire placing their lives in danger.

Operating Impact/Other Comments

Placing firefighters at risk by using very old hose that is failing at a high rate due to age.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design								
Purchase								
Construction								
Equipment			\$19,400	\$19,400	\$19,400			
Other								
TOTAL PROJECT COSTS	\$	\$	\$ 19,400	\$19,400	\$19,400	\$ -	\$ -	\$ -

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$	\$19,400	\$19,400	\$19,400			
General Obligation Bonds								
Grants								
Other (Financing)								
TOTAL FUNDING SOURCES	-	\$	\$ 19,400	\$19,400	\$19,400	\$ -	\$ -	\$ -

STREETS & HIGHWAYS

5600-Streets & Highways							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		1,131,000	1,608,000	2,183,500	1,800,500	1,128,500	7,851,500
Request							
Marshall, Travora, Pomeroy Storm Drain Project		100,000	500,000	1,200,000	400,000		2,200,000
Asphalt Roller		40,000					40,000
Wheel Loader					340,000		340,000
Pedestrian Sidewalks		30,000	100,000	100,000	100,000	100,000	430,000
Street Resurfacing		600,000	800,000	825,000	850,000	875,000	3,950,000
Municipal Parking Lots		91,000	84,500	58,500	110,500	153,500	498,000
Tandem Dump Truck		250,000					250,000
Public Works Asphalt Repair and Resurface		20,000	123,500				143,500
							0
							7,851,500
Subtotal	0	1,131,000	1,608,000	2,183,500	1,800,500	1,128,500	

*Highlighted item(s) recommended for FY25 only

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Cat CB1.8 Asphalt Roller

Description and Scope

Asphalt roller for street department on patches and roadway projects.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

Justification/Purpose

replaces aging Hamm roller that has mechanical issues.

Impact if Delayed/Alternatives

Already has added extra cost to city with equipment rental. Alternative is equipment rental if one can be found

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	\$ 40,000
Other	
TOTAL PROJECT COSTS	\$ 40,000

Funding

General Fund	\$ 40,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 40,000

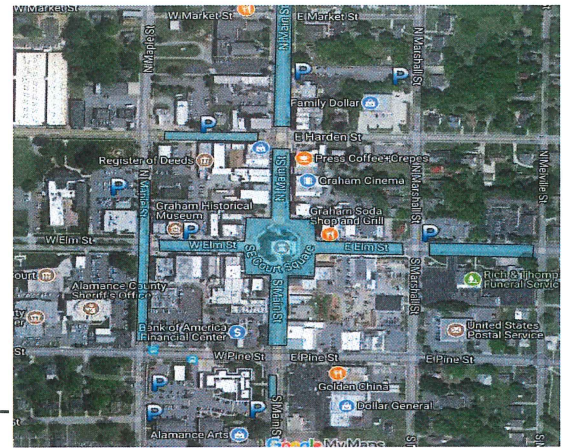


Contact Person: Rod Payne

Department: Streets and Highways (5600)



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Pedestrian Sidewalks

Description and Scope

Install walking paths in various parts of the city as identified in the Pedestrian plan.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Currently have projects waiting on easements to move forward.

Justification/Purpose

Pedestrian Transportation Plan. Walking paths are necessary as to connect citizens to recreational social and commercial areas.

Impact if Delayed/Alternatives

Operating Impact/Other Comments

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase							
Construction		\$ 30,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 30,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$ 30,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 30,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

Contact Person: Rod Payne

Department: Streets and Highways (5600)



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Street Resurfacing

Description and Scope

To run an effective street maintenance program to improve street conditions, reduce cost and improve safety.

Justification/Purpose

At current asphalt and labor prices it cost about \$271,000.00 per mile of 31' BOC road with minor repairs included and 4 miles about \$1,080,000.00. Narrower roads will be less and wider roads more. A dollar of timely maintenance spent today will save three dollars just a few years later. We are trying to reach 4 miles a year.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Our street survey recommends paving 4 miles to achieve a 15 year paving cycle. We currently have been paving a little more than a mile a year in the last 20 years. We are working towards a 20 year life cycle on new construction to help alleviate back log.

Impact if Delayed/Alternatives

Already aged streets will continue to deteriorate causing potholes and alligator cracking allowing moisture into sub-grade resulting in extensive and expensive repairs.

Operating Impact/Other Comments

Sufficient funding of street maintenance program reduces crew time spent repairing streets and reduces long term cost of street repair and reconstruction. Increasing funding each year to help keep up with inflation. The City is adding new road miles with new subdivisions and will be approaching 90 miles of City streets and miles a year that need to be paved are increasing.

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase							
Construction		\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000	\$ 900,000
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000	\$ 900,000

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000	\$ 900,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000	\$ 900,000

Contact Person: Rod Payne

Department: Streets and Highways (5600)



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Public Works Asphalt Repair/Resurface

Description and Scope

Repair, BST and resurface Public Works.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

No written record has been found of last date lots was resurfaced, but according to retirees it is more that 30 years. Repair, BST and resurface Public Works. Picture shows current status.

Justification/Purpose

The asphalt parking lots and drive isles are way past due for resurfacing and are failing. Project is split over two years with repair in year one so City crew can work on it as time allows to save money. Paving the following year.

Impact if Delayed/Alternatives

Cost of repair will increase every year due to continued deterioration and increasing cost of asphalt.

Operating Impact/Other Comments

The asphalt has performed well considering all the truck traffic on a daily basis, but it well beyond its design life. 200002

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase							
Construction		\$ 20,000	\$ 123,500				
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 20,000	\$ 123,500	\$ 0	\$ 0	\$ 0	\$ 0

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$ 20,000	\$ 123,500				
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 20,000	\$ 123,500	\$ 0	\$ 0	\$ 0	\$ 0

Contact Person: Rod Payne

Department: Streets and Highways (5600)

SANITATION

5800-Sanitation							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		425,000	242,500	425,000	305,000	0	1,397,500
Request							
Automated Garbage Truck Replacement		425,000		425,000			850,000
Rear Loading Refuse Truck Replacement					285,000		285,000
Knuckle Boom Truck			225,000				225,000
Zero Turn Mower			17,500		20,000		37,500
							1,397,500
Subtotal	0	425,000	242,500	425,000	305,000	0	

* Highlighted item(s) recommended for FY25 only



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Automated Garbage Truck

Description and Scope

Truck and chassis with a 28yd high compaction body that utilizes an automated arm to collect 96 gallon waste containers.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The previous cycle for replacement of trucks was every 5 years. After analyzing operating efficiency it has been increased to every 7 years. The current truck would roll to front line back-up.

Justification/Purpose

Removing solid waste from our community in a timely matter helps protect the safety and health of the citizens. Will serve as a frontline truck used in the daily collection of approximately 700 waste containers. In a four day work week, it will collect approximately 2800 residents effectively.

Impact if Delayed/Alternatives

As new houses are added we have to rely on the oldest backup more which yields very expensive maintenance cost ranging from \$5,000-\$30,000 and increased down time.

Operating Impact/Other Comments

The oldest back up trucks are between 10 and 15 years old and were build under the new emission standards and require a lot of maintenance. Part availability can also be an issue for the emission system.

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase							
Construction							
Equipment		\$ 425,000		\$ 425,000			\$ 425,000
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 425,000	\$ 0	\$ 425,000	\$ 0	\$ 0	\$ 425,000

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$ 425,000		\$ 425,000			\$ 425,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 425,000	\$ 0	\$ 425,000	\$ 0	\$ 0	\$ 425,000

Contact Person: Burke Robertson

Department: Sanitation (5800)

RECREATION

6200-Recreation							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		512,115	7,983,500	378,000	441,000	20,175,000	29,489,615
Request							
Multi-purpose Fields			7,000,000				7,000,000
Baseball/Softball Complex						5,000,000	5,000,000
Amphitheater						2,400,000	2,400,000
Recreation Center						12,000,000	12,000,000
Land Acquisition adjacent to GRP or Cooke		300,000			300,000		600,000
Graham Regional Mountain/Hiking Trail			100,000				100,000
Splash Park				350,000			350,000
Mini Bus w/ Lift			76,000				76,000
Shelter #2						225,000	225,000
Shelters #3 and #4						500,000	500,000
Portable LED Bright Board				28,000			28,000
Rec Center ADA Family Restroom		80,000					80,000
Rec Center ADA Access Entry Doors		42,115					42,115
Maple Street Center Floor Replacement		8,500					8,500
Activity Bus					141,000		141,000
GRP Water and Sewer Lines			750,000				750,000
Arts Council Exterior Painting & Porch Repairs		25,500					25,500
Site Master Plans			50,000			50,000	100,000
Historical Museum Window Replacement		22,000					22,000
Historical Museum Remove Drop Ceiling		14,000					14,000
Fiber for Streaming Video at Cooke Fields		20,000					20,000
Alamance Arts Interior Painting			7,500				7,500
							0
							29,489,615
Subtotal	0	512,115	7,983,500	378,000	441,000	20,175,000	

*Highlighted item(s) recommended for FY25 only

GRAHAM MEBANE LAKE

6210-Graham Mebane Lake							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		415,500	65,000	25,000	2,500	835,000	1,343,000
Request							
Boat Slip Dock Purchase		157,500					157,500
Replace Boat Lift		10,000					10,000
Retaining Wall @ Bank Fishing Area						650,000	650,000
Lake Overlook						75,000	75,000
Jon Boats		10,000					10,000
Marina Lobby Renovations			60,000				60,000
Marina Renovations						100,000	100,000
Security Cameras						10,000	10,000
Pontoon Boat Renovation		8,000					8,000
Passive Recreation Amenities		30,000		20,000			50,000
Remove Pine trees			5,000	5,000	2,500		12,500
Land Acquisition - east of old spillway		200,000					200,000
							0
Subtotal	0	415,500	65,000	25,000	2,500	835,000	

*Highlighted item(s) recommended for FY25 only

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Purchase Boat Slip Dock

Description and Scope

Purchase a 16-vessel slip dock to replace the damaged middle floating dock and increase dock space.

This slip dock would:

- be the docking space and customer access point for all lake cruises on the pontoon boat,
- provide permanent moorings for boats in the vessel rental program,
- provide daytime docking for customer boats.

Justification/Purpose

Increased customer docking space (identified in our 2018 and 2021 customer surveys) is needed to handle the over 50% increase in boats using the lake since the last dock purchase, and for safety during periods of mass boat removals and docking, e.g. inclement weather.

Additionally, with the increase in new lake programs, we do not have slips for mooring the pontoon boat and jon boats.

We currently have customer docking for four boats.

This is our biggest need for FY2025.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

The frame of the middle dock was warped during a high water event over 15 years ago. Repairs made it usable, but it remains uneven, unsteady, and unloved by customers.

Impact if Delayed/Alternatives

Constricted customer docking space. Haphazard mooring of lake's pontoon boat and jonboats. Increased wear on jonboats from continual launching and beaching over the docks or seawall.

Operating Impact/Other Comments

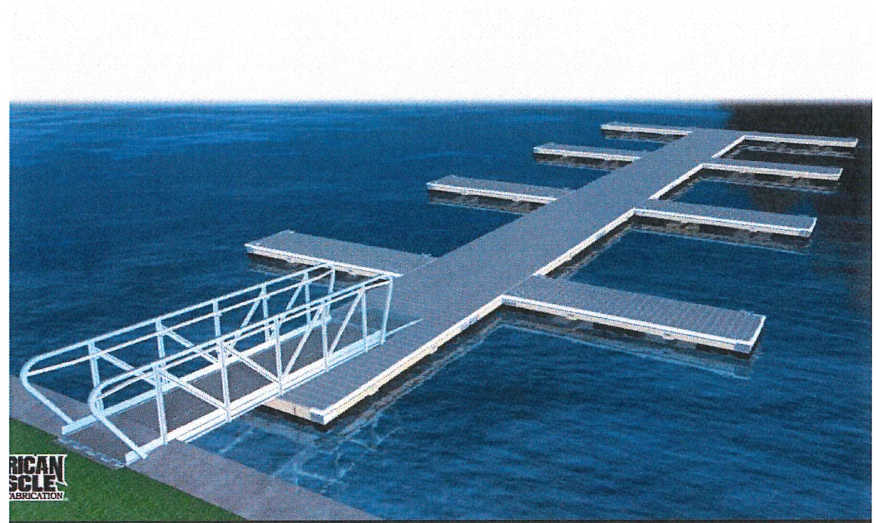
This replacement is called for in the most recent draft of the lake's Master Plan.

Cost

	Total Cost
Planning/Design	
Purchase	\$ 100,000
Construction	\$ 25,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 125,000

Funding

General Fund	\$ 125,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 125,000



Contact Person: Steve Hadden

Department: Graham-Mebane Lake (6210)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Replace Boat Lift in Boat House

Description and Scope

Replace the boat lift in the boat house with a new lift.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Current lift was installed roughly 25 years ago and after breaking a lift cable in fall of 2023 is currently unusable.

Justification/Purpose

The existing boat lift is undersized for the new patrol boat (it being wider and heavier than previous patrol boat) and recently snapped a lift cable.

Impact if Delayed/Alternatives

Repair may be attempted (though age, wear, and being undersized requires replacement soonest) but would rather not take the safety chance.

Operating Impact/Other Comments

A boat lift prevents hull damage - especially during water fluctuations and storms, reduces corrosion, and avoids debris damage thus extending the boat's lifespan.

Cost

	Total Cost
Planning/Design	
Purchase	\$ 7,500
Construction	\$ 2,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 9,500

Funding

General Fund	\$ 9,500
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 9,500

Contact Person: Steve Hadden

Department: Graham-Mebane Lake (6210)

ATHLETIC FACILITIES

6220-Athletic Facilities							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		65,000	143,500	44,000	365,000	579,500	1,197,000
Request							
Cameras-S. Graham			6,000				6,000
F250 Truck		50,000					50,000
Interior Directional signs - Cooke/S. Graham		10,000	50,000				60,000
Cooke Park - Parking Lot & Track Repaving					235,000		235,000
S. Graham Park - Track renovation						18,000	18,000
Cooke Park - Tennis Courts Replacements						500,000	500,000
Cooke Park - Basketball Court replace/reno					40,000		40,000
Cooke Park - Scoreboards				6,000			6,000
Cooke Park - Audio Equip. @ Athletic Fields				18,000			18,000
F150 Truck						46,500	46,500
Picnic tables				5,000			5,000
Kubota - Zero Turn Mower			17,500		20,000		37,500
Public Art				10,000		10,000	20,000
Tree removal		5,000	10,000	5,000	10,000	5,000	35,000
Playground - Marshall St.			60,000				60,000
Playground - Greenway Park					60,000		60,000
							1,197,000
Subtotal	0	65,000	143,500	44,000	365,000	579,500	

*Highlighted item(s) recommended for FY25 only

PROPERTY MAINTENANCE

6450-Property Maintenance							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		110,000	0	353,000	0	115,000	578,000
Request							
Zero-turn Mower		20,000		20,000		20,000	60,000
Compost Screener				85,000			85,000
F550 Dump Truck		80,000		93,000			173,000
Hook lift leaf collection unit				155,000			155,000
Tub Grinder						95,000	95,000
Metal Carport for Cemetery		10,000					10,000
							578,000
Subtotal	0	110,000	0	353,000	0	115,000	

* Highlighted item(s) recommended for FY25 only



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Zero Turn Mower

Description and Scope

Kubota ZD 1211 Diesel mower to replace Zero Turn Mower that will need to be replaced due to high hours.

Priority:

Medium

II. Maintenance/Replacement

History and Current Status

Since 2012 we have been replacing the gas engine mowers with diesel mowers which should with proper service last twice as long. This should allow us to only purchase a mower every other year

Justification/Purpose

This mower will mow approximately 25 hours a week during the mowing season. This mower would be used to mow parks, water and sewer plants as well as other city properties

Impact if Delayed/Alternatives

Since 2012 we have been replacing the gas engine mowers with diesel mowers which should with proper service last twice as long. This should allow us to only purchase a mower every other year

Operating Impact/Other Comments

The diesel mower is more efficient and the life expectancy is twice as long as the gas mowers.

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase							
Construction							
Equipment		\$ 20,000		\$ 20,000		\$ 20,000	
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 20,000	\$ 0	\$ 20,000	\$ 0	\$ 20,000	\$ 0

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$ 20,000		\$ 20,000		\$ 20,000	
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 20,000	\$ 0	\$ 20,000	\$ 0	\$ 20,000	\$ 0

Contact Person: Tim Covington

Department: Property Maintenance (6450)

WATER /SEWER FUND

Capital Requests Met- Water & Sewer Fund			
Department	Account	Item	Costs
Water & Sewer Distribution	4600	10" Water Main Renewal- Phase 1 & 2 - (ARPA)	\$ 10,000,000.00
Water & Sewer Distribution	4600	Homes and Banks NWEF	\$ 500,000.00
Water & Sewer Distribution	4600	HWY-54 and HWY-49 Utility Relocation	\$ 400,000.00
Water & Sewer Distribution	4600	Chemical Root Control	\$ 35,000.00
Water & Sewer Distribution	4600	Manhole Rehab	\$ 50,000.00
Water & Sewer Distribution	4600	Sewer Main Cured in Place Pipe Lining	\$ 200,000.00
Water & Sewer Distribution	4600	Tandem Dump Truck	\$ 215,000.00
Water & Sewer Distribution	4700	Spare Pumps for Lift Stations	\$ 40,000.00
Water & Sewer Distribution	4800	Basin Lights	\$ 6,500.00
Water & Sewer Distribution	4800	Ferric Sulfate Day Tank Replacement	\$ 28,000.00
Water & Sewer Distribution	4800	Filter Backwash Pump	\$ 96,000.00
Water & Sewer Distribution	4800	Flashmixer Replacement	\$ 75,000.00
Water & Sewer Distribution	4800	Lake Study	\$ 200,000.00
Water & Sewer Distribution	5900	Plant Lights	\$ 14,000.00
TOTAL			\$ 11,859,500.00

WATER & SEWER DISTRIBUTION

4600 - Water & Sewer Distribution							
	Fiscal Year	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	FY 2028 2029	Total
Subtotal		11,420,000	10,285,000	3,340,000	6,740,000	4,905,000	36,690,000
Request							
10" Water Main Renewal- Phase 1 & 2 - (ARPA)		10,000,000	7,250,000				17,250,000
Neighborhood Water Enhancement Program			750,000	750,000	750,000	750,000	3,000,000
Hwy 49 & Hwy 54 WS line Replacement		400,000					400,000
Haw River Sewer Outfall and Manhole Rehab (NCDEQ)					2,500,000		2,500,000
Home Ave to Pine St Waterline Replacement		500,000					500,000
New & Parker St Sewer Pipe Replacement				500,000			500,000
600 New Street Sewer Main Replacement				600,000			600,000
Southern Water Interconnection						1,750,000	1,750,000
Small Waterline Replacements (CDBG)					3,000,000		3,000,000
West Elm St Waterline Replacement			1,200,000				1,200,000
Downtown Water/Sewer Improvements (if State Funded)				1,200,000			1,200,000
Hanover Rd Sewer Rehab						2,000,000	2,000,000
Backhoe Replacement					100,000		100,000
Water and Sewer Assessment			400,000				400,000
Chemical Root Control		35,000	35,000	40,000	40,000	45,000	195,000
Manhole Rehab		50,000	50,000	50,000	50,000	50,000	250,000
Sewer Main Cured in Place Pipe Lining		200,000	200,000	200,000	200,000	200,000	1,000,000
Distribution System Hydraulic Model						25,000	25,000
Water and Sewer Development Fee Study		20,000					20,000
Service Truck Replacement						85,000	85,000
Tandem Dump Truck		215,000					215,000
Mini Excavator 22					100,000		100,000
Kimrey Rd Outfall			400,000				400,000
							36,690,000
Subtotal	0	11,420,000	10,285,000	3,340,000	6,740,000	4,905,000	

*Highlighted item(s) recommended for FY25 only

WATER & SEWER DISTRIBUTION

4600 - Water & Sewer Distribution							
	Fiscal Year	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	FY 2033-2034	Total
Subtotal		5,130,000	1,710,000	8,610,000	2,490,000	1,380,000	19,320,000
Request							
Elevated Storage Tank				5,000,000			5,000,000
Cheek Lane Water Main Extension		1,000,000					1,000,000
Lacy Holt Rd-Extend Water Main Loop			600,000				600,000
Pine and Burton Sewer Replacement		1,000,000					1,000,000
Manhole Rehab		60,000	60,000	60,000	70,000	70,000	320,000
Sewer Main Cured in Place Pipe Lining		200,000	200,000	200,000	200,000	200,000	1,000,000
Distribution System Hydraulic Model						25,000	25,000
Water and Sewer Development Fee Study		20,000			20,000		40,000
Service Truck Replacement						85,000	85,000
Neighborhood Waterline Enhancement Program		850,000	850,000	850,000	850,000	850,000	4,250,000
Pickup Truck 4x4						50,000	50,000
Backhoe Replacement					100,000		100,000
Mini Excavator 22						100,000	100,000
Trollingwood 16" TL Connection		2,000,000					2,000,000
Woody Dr. 16" TL Connection					1,250,000		1,250,000
Harden St. 16" TL Connection				2,500,000			2,500,000
							19,320,000
Subtotal	0	5,130,000	1,710,000	8,610,000	2,490,000	1,380,000	

*Highlighted item(s) recommended for FY25 only



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: 10" Water Main Renewal- Phase 1- Plant to Graham Rd.

Description and Scope

Replace 10" Main water line with a 16" from the Water Plant to Graham Rd.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

Aging line with lead joints which are no longer allowed under rules governing public water supplies. These lead joints affect water quality and compliance. These joints develop leaks as the lead is pushed out of the joint.

Justification/Purpose

Existing 10" main running through the town of Haw River is lead joint cast iron pipe. This pipe serves Green Level, Graham, Swepsonville, and potentially Haw River.

Impact if Delayed/Alternatives

Potential for major line and service failure due to age.

Operating Impact/Other Comments

Increased water leaks typically at the lead joints.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 10,000,000
TOTAL PROJECT COSTS	\$ 10,000,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 10,000,000
TOTAL FUNDING SOURCES	\$ 10,000,000



Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Highway 49 and Highway 54 Water and Sewer line Replacements

Description and Scope

These improvements are necessary for the intersection improvements by NCDOT associated with U-6017. The waterline is being improved to match the City's long term capital needs for improved flow through the distribution system.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

NCDOT project.

Justification/Purpose

NCDOT redesign of the intersection of Hwy 49 an Hwy 54.

Impact if Delayed/Alternatives

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 400,000
TOTAL PROJECT COSTS	\$ 400,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 400,000
TOTAL FUNDING SOURCES	\$ 400,000

Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Homes Ave. Waterline Replacement

Description and Scope

Homes Ave. from Banks St. to Pine St.
Waterline Replacement - Replacing a 2 inch water main with a 12 inch water main.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Brittle pipe and corrosion within the pipe due to age. Pipe on Homes is a undersized to 2 inch main.

Impact if Delayed/Alternatives

Water outages for residents.

Justification/Purpose

Existing pipe is very brittle and undersized. This will be part of an ongoing project of main replacement on Banks and McBride.

Operating Impact/Other Comments

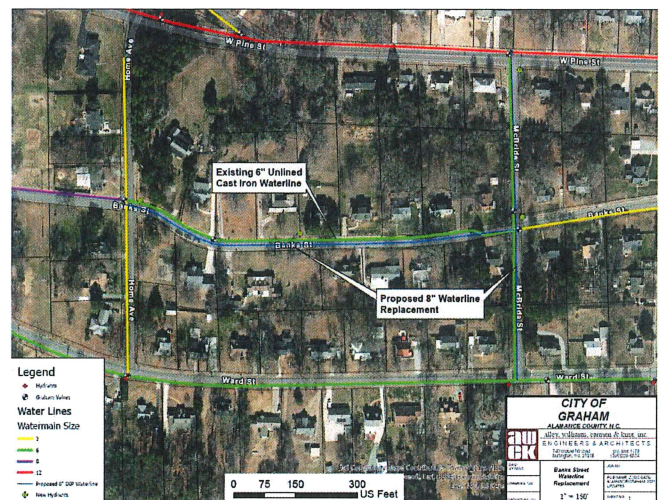
Continued and increased repairs.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 500,000
TOTAL PROJECT COSTS	\$ 500,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 500,000
TOTAL FUNDING SOURCES	\$ 500,000



Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)



2023-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Chemical Root Treatment/Removal

Description and Scope

Hire contractor to chemically treat areas with root problems.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

We have been using chemical for several years in addition to manual pruning efforts.

Justification/Purpose

Root infiltration can cost you millions of dollars. Sanitary sewer stoppages and overflows cost municipalities millions of dollars each year—and their primary cause is tree roots. Roots also cause structural deterioration, grease and debris buildup, and toxic and corrosive atmospheres in sewer pipes. Root infestation costs are easily avoided when we implement a root control program. It is a vital, cost-saving, infrastructure-preserving program for municipalities.

Impact if Delayed/Alternatives

Blockages resulting in service interruption and property damage.

Operating Impact/Other Comments

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction							
Equipment							
Other	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000	\$ 45,000	\$ 50,000
TOTAL PROJECT COSTS	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000	\$ 45,000	\$ 50,000

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund							
General Obligation Bonds							
Grants							
Other	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000	\$ 45,000	\$ 50,000
TOTAL FUNDING SOURCES	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000	\$ 45,000	\$ 50,000

Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)



2023-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Manhole Rehab

Description and Scope

Eliminate and reduce inflow and infiltration through leaking joints with a protective coating on the walls of the sewer manhole.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The City has conducted investigative testing of problem areas, particularly the Boyd Creek Sewershed.

Justification/Purpose

The City experiences infiltration and inflow during rain events, sometimes overcoming the capacity of our systems.

Impact if Delayed/Alternatives

Environmental impacts, civil penalties or 3rd party lawsuits.

Operating Impact/Other Comments

Reduces degradation of the system, maintenance calls and opens up capacity.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction	\$ 50,000	\$ 50,000	\$ 50,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 75,000
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 50,000	\$ 50,000	\$ 50,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 75,000

Funding

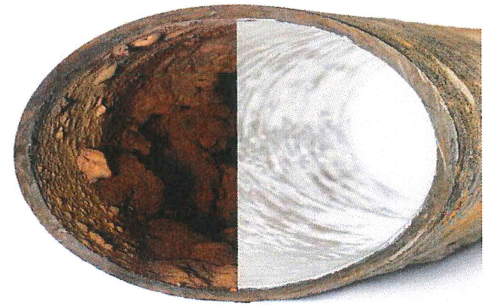
	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund							
General Obligation Bonds							
Grants							
Other	\$ 50,000	\$ 50,000	\$ 50,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 75,000
TOTAL FUNDING SOURCES	\$ 50,000	\$ 50,000	\$ 50,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 75,000

Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)



2023-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Sewer Main Cured in Place Pipe Lining

Description and Scope

Line aging and hard to maintain area of outfall piping. Reduce I and I volumes.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Impact if Delayed/Alternatives

Justification/Purpose

Line aging and hard to maintain area of outfall piping. Reduce I and I volumes.

Operating Impact/Other Comments

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 150,000	\$ 150,000
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 150,000	\$ 150,000

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund							
General Obligation Bonds							
Grants							
Other	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 150,000	\$ 150,000
TOTAL FUNDING SOURCES	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 150,000	\$ 150,000

Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)



2025-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Tandem Dump Truck

Description and Scope

Tandem Dump Truck

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

1998 International Dump Truck is unreliable and undersized.

Justification/Purpose

Tandem Dump Truck to replace 1998 International Single Axel Dump Truck. Single Axel can only haul small amounts of dirt and rock.

Impact if Delayed/Alternatives

The age and condition of the truck cost more per mile to operate. Crews are having to make multiple trips because of the current hauling capacity of current truck.

Operating Impact/Other Comments

The need for dependable equipment during emergencies to repair water main breaks is essential to timely repairs. City crews are stretched thin during those situations.

Cost

	Prior	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design							
Purchase		\$ 215,000					
Construction							
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 215,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Funding

	Prior	24-25	25-26	26-27	27-28	28-29	Future
General Fund							
General Obligation Bonds							
Grants							
Other		\$ 215,000					
TOTAL FUNDING SOURCES	\$ 0	\$ 215,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)

MAINTENANCE & LIFT STATIONS

4700 - Maintenance & Lift Stations							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		40,000	3,540,000	290,000	40,000	790,000	4,700,000
Request							
Cooper Rd. HR Lift Station Upgrade/Relocation			3,500,000				3,500,000
Spare Pumps for Lift Stations		40,000	40,000	40,000	40,000	40,000	200,000
Cherry Ln. Lift Station Upgrade						750,000	750,000
Vac Service Truck				250,000			250,000
							4,700,000
Subtotal	0	40,000	3,540,000	290,000	40,000	790,000	

4700 - Maintenance & Lift Stations							
	Fiscal Year	FY 2029- 2030	FY 2030- 2031	FY 2031- 2032	FY 2032- 2033	FY 2033- 2034	Total
Subtotal		215,000	165,000	90,000	40,000	40,000	550,000
Request							
Service Truck w/ Lift		175,000					175,000
Spare Pumps For Lift Stations		40,000	40,000	40,000	40,000	40,000	200,000
New Holland Tractor w/ cab			125,000				125,000
SCADA Communications Upgrade				50,000			50,000
							550,000
Subtotal	0	215,000	165,000	90,000	40,000	40,000	

*Highlighted item(s) recommended for FY25 only



2023-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: SPARE PUMPS FOR LIFT STATIONS

Description and Scope

Spare pumps available for each lift station.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Impact if Delayed/Alternatives

Operating Impact/Other Comments

Justification/Purpose

With increased regulatory requirements the city needs to have a spare pump for each lift station. This would provide the opportunity to always have two pumps in operation at all times at all lift stations.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction							
Equipment		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund							
General Obligation Bonds							
Grants							
Other		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
TOTAL FUNDING SOURCES	\$ 0	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000

Contact Person: Kenny Hill

Department: Maintenance and Lift Station (4700)

WATER TREATMENT PLANT

4800-Water Treatment Plant							
	Fiscal Year	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	FY 2028-2029	Total
Subtotal		405,500	256,500	315,000	480,000	50,000	1,507,000
Deionized Water System			6,500				6,500
THM Analyzer					45,000		45,000
TOC Analyzer				30,000			30,000
Basin Lights		6,500					6,500
Rebuild Graham # 2					35,000		35,000
Ferrie Sulfate Day Tank Replacement		28,000					28,000
Filter Backwash Pump		96,000					96,000
Rebuild Raw Water #4				85,000			85,000
Rebuild Graham #3						50,000	50,000
Filter Media Rebuild					150,000		150,000
Flashmixer Replacement		75,000					75,000
Spillway Improvements					250,000		250,000
Lake Study		200,000					
Clearwell Rehab			250,000				250,000
Flocculator Replacement				200,000			200,000
Subtotal							1,307,000
	0	405,500	256,500	315,000	480,000	50,000	

4800-Water Treatment Plant							
	Fiscal Year	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	FY 2033-2034	Total
Subtotal		2,000,000	18,221,500	85,000	76,000	205,000	20,587,500
Deionized Water System			6,500				6,500
DR6000 Spectrophotometer					16,000		16,000
SCADA Upgrade						50,000	50,000
AWD SUV				45,000			45,000
Ross Valve Replacements					60,000		60,000
Rebuild Raw Water Pump 1			85,000				85,000
Rebuild High Service Pump 2				40,000			40,000
Water Treatment Plant Design		2,000,000					2,000,000
Filter Media Rebuild			130,000				130,000
Water Treatment Plant Upgrade			18,000,000				18,000,000
Resurface Plant Dr.						155,000	155,000
							20,587,500
Subtotal	0	2,000,000	18,221,500	85,000	76,000	205,000	

*Highlighted item(s) recommended for FY25 only



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Basin Lights

Description and Scope

Replacement of overhead lights on New Basin with LED

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Several lights currently are not working and are not bright enough to see in the basins.

Justification/Purpose

Improve lighting and safety for plant personnel.

Impact if Delayed/Alternatives

Safety risk for overnight operators

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 6,500
TOTAL PROJECT COSTS	\$ 6,500

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 6,500
TOTAL FUNDING SOURCES	\$ 6,500

Contact Person: Shelby Smith

Department: Water Treatment Plant (4800)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Ferric Sulfate Day Tank Replacement

Description and Scope

New 2500 Gallon High Density Cross Linked Polyethylene Storage Tank for Ferric Sulfate Chemical Storage To Be Located In The Chemical Feed Building.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

The current day storage tank for the ferric sulfate is 20 years old and is unable to be drained/cleaned completely due to design.

Impact if Delayed/Alternatives

There could be potential for weakness in the walls of the current tank due to age. There are also barriers for cleaning the current tank because of the lack of bottom valves. Either of these things could cause an impact on the feed of the chemical which is a critical water treatment chemical for producing drinking water.

Justification/Purpose

The ferric sulfate storage tank is the tank which holds approximately a day's (24 hrs.) worth of ferric sulfate needed to produce drinking water.

Operating Impact/Other Comments

Interruption in the ferric sulfate chemical feed system would cause an interruption in the water treatment process making it impossible to produce the drinking water.

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	\$ 24,000
Construction	\$ 4,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 28,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 28,000
TOTAL FUNDING SOURCES	\$ 28,000

Contact Person: Tonya Mann

Department: Water Treatment Plant (4800)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Filter Backwash Pump Replacement

Description and Scope

This is a replacement pump for a 23 year old filter backwash pump to be installed at time of issue or failure of the current pump.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

The current filter backwash pump is 23 years old.

Justification/Purpose

Without a working filter backwash pump, the treatment plant would not be able to properly clean/wash the filters when called for per EPA and State requirements in order to keep them in service for filtering water to produce the drinking water for our customers.

Impact if Delayed/Alternatives

The filter backwash pump is necessary to regularly clean the filters in order to properly filter the water to produce drinking water. If the filters do not meet certain EPA and State requirements then water cannot be filtered.

Operating Impact/Other Comments

If the filter backwash pump failed and we did not have a repair option, the treatment plant would not be able to properly clean/wash the filters when needed in order to maintain the treatment process for producing drinking water.

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	\$ 96,000
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 96,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 96,000
TOTAL FUNDING SOURCES	\$ 96,000

Contact Person: Tonya Mann

Department: Water Treatment Plant (4800)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Flashmixers Replacement

Description and Scope

Replacement of the Flashmixers - to include motor, gearbox and mixer assembly. There are 2 flashmixers at the treatment plant.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

The current flashmixers are 21 years old and have had no major upgrades performed thus are in their original state.

Justification/Purpose

The flashmixers are a critical part of the water treatment process. They provide mixing of the initial chemical additions (coagulant and others) in the treatment process. This is where the treatment chemicals neutralize the particles in the water to allow them to come together creating floc. This is the initial process of removing impurities in the water.

Impact if Delayed/Alternatives

The flashmixers failing could impact the water treatment process as they provide the mixing of the chemicals that begin the process of removing the impurities in the water.

Operating Impact/Other Comments

Without properly operating flashmixers there would be inefficient mixing of the coagulant chemicals which neutralize the particles in the water allowing them to stick together to form floc. Without the flashmixers the treatment plant would not be able to produce usable drinking water.

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	\$ 75,000
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 75,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 75,000
TOTAL FUNDING SOURCES	\$ 75,000

Contact Person: Tonya Mann

Department: Water Treatment Plant (4800)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Graham-Mebane Lake Study

Description and Scope

Source Study will look at several options to ensure future drinking water demands are met. Building off the recommendation of the Safe-Yield Study that was completed in 2023.

Justification/Purpose

This lake study for source options will look at the possibilities of lake expansion, alternative sources, purchasing, etc. and an accurate time frame to sustain both Graham and Mebane's drinking water needs.

Priority:

High

Category:

I. Health/Safety/Welfare

History and Current Status

A Safe-Yield Study was completed in 2023 with recommendations of looking at alternative sources to meet future demands.

Impact if Delayed/Alternatives

Without a current study to determine the source options there could be an impact of an inadequate supply of future drinking water for the City's of Graham and Mebane.

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 200,000
TOTAL PROJECT COSTS	\$ 200,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 200,000
TOTAL FUNDING SOURCES	\$ 200,000



Contact Person: Tonya Mann

Department: Water Treatment Plant (4800)

WASTEWATER TREATMENT PLANT

5900-Wastewater Treatment Plant							
	Fiscal Year	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	FY 2028- 2029	Total
Subtotal		14,000	392,500	328,000	2,025,000	102,500	2,862,000
Request							
Sludge Feed Pump VFD				18,000			18,000
Digester Blowers						45,000	45,000
Vacuum Pump						7,500	7,500
Deionized Water System			7,500				7,500
Class A Biosolids					2,000,000		2,000,000
Fume Hood				10,000			10,000
Sludge Thickener Building Roof			30,000				30,000
Secondary Clarifier #1 and #3				200,000			200,000
Secondary Clarifier #2 and #4			300,000				300,000
Plant Lights		14,000					14,000
SCADA Upgrade				50,000			50,000
Influent Roof Replacement			30,000				30,000
Influent Raw Pumps			25,000	50,000	25,000	50,000	150,000
							0
Subtotal							2,862,000
	0	14,000	392,500	328,000	2,025,000	102,500	

* Highlighted item(s) recommended for FY25 only

WASTEWATER TREATMENT PLANT

5900-Wastewater Treatment Plant							
	Fiscal Year	FY 2029- 2030	FY 2030- 2031	FY 2031- 2032	FY 2032- 2033	FY 2033- 2034	Total
Subtotal		260,000	25,000	45,000	235,000	70,000	635,000
Request							
Deionized Water System					10,000		10,000
Sterilmatic Sterilizer					25,000		25,000
BOD Incubator		10,000					10,000
Sludge Transport Truck		250,000					250,000
Resurface Plant Dr.					200,000		200,000
DR 3900 Spectrophotometer				10,000			10,000
SCADA Upgrade						25,000	25,000
Kubota UTV			25,000				25,000
Maintenance Truck 4x4						45,000	45,000
Disk Filter Rehab				35,000			35,000
							0
							635,000
Subtotal	0	260,000	25,000	45,000	235,000	70,000	

*Highlighted item(s) recommended for FY25 only



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Plant Drive Lights

Description and Scope

Replacement of overhead lights throughout the WWTP with LED

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Lights were upfitted years ago but many of those are failing now

Justification/Purpose

Improve lighting and safety for plant personnel.

Impact if Delayed/Alternatives

Safety risk for overnight operators

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 14,000
TOTAL PROJECT COSTS	\$ 14,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 14,000
TOTAL FUNDING SOURCES	\$ 14,000

Contact Person: Cris Routh WWTP Superintendant

Department: Wastewater Treatment Plant (5900)