

City of Graham



FY 2023-2024 City Manager's Recommended Budget



Quick Facts & Highlights

- The proposed General Fund budget totals \$20,191,120 and the Water and Sewer Fund totals \$11,872,600.
- The Ad Valorem tax rate is recommended to change to \$0.35 per \$100 of valuation, which is a \$0.105 reduction from our existing rate but higher than the revenue neutral rate of \$0.2899.
- One penny on the tax rate is estimated to generate \$228,084 in the upcoming year based on a 97% collection rate.
- Refuse fees (garbage and recycling) are recommended to increase from \$10.50 per unit per month total to \$11.50 per unit per month total.
- Water and sewer charges are proposed to increase 7%.
- The employee Cost of Living Adjustment (COLA) is proposed at 5%. Based on the CPI-U, the percentage from January 2023, which is typically used as our basis, was 8.5%.
- Staffing levels are proposed to increase with the addition of one Planner I position and one Human Resources Assistant position. The Police Department is also proposed to re-classify two existing positions to Lieutenant but not increase their overall full-time positions as a part of a restructuring effort.
- Employee Health Insurance premiums are budgeted to increase by 4% or about \$58,000.
- A mandatory employer contribution increase of an additional 0.75% and 1.00% to the Local Government Employees' Retirement System (LGERS) is included for general and LEO employees, respectively. This will cost the City an extra \$82,000.
- No interfund transfers are included.
- The Garage Fund (Fund 40) has been reclassified to a General Fund (Fund 10) Department.
- There are no appropriations requested for the Cemeteries Perpetual Care Funds.
- Expenditures for public safety (\$8,455,990) are expected to exceed all of the ad valorem tax levy (\$7,652,300) by over \$803,690.
- Funding for Street Resurfacing is proposed to increase for the 10th consecutive year by \$200,000.

Budget Message



Budget Message

May 9, 2023

Dear Mayor Talley and Members of the Council:

It is with great pleasure I present to you the City Manager's recommended budget for the fiscal year beginning July 1, 2023 and ending June 30, 2024. This budget has been prepared in accordance with the Local Government Budget and Fiscal Control Act (North Carolina General Statute 159).

There were a multitude of elements that factored into the preparation of the budget that is before you for consideration. While this is labeled as the Manager's recommended budget, this document is the culmination of diligent work by our department heads. They submitted fiscally sound and responsible budget requests, and I would like to extend my sincere appreciation for their hard work and dedication to the City.

Within this document are sections that detail revenue, department expenditure history, the 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.

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. This budget exemplifies a tremendous amount of consideration and review in allowing us to meet our obligations while remaining fiscally strong. The proposed budget before you includes increases to our overall appropriation and provides the same level of service to our citizens. As has been the practice within the City, the budget before you once again illustrates how we are able to do more with less.

Budget Process and Objectives

The budget process this year began similarly to that of our current fiscal year with departmental budgets due in February. Once requests were finalized, they underwent a thorough review, including individual meetings with every department. Below are some of the foundations on which this budget has been built.

- Both revenues and expenditures have been conservatively estimated with a realistic expectation of what we intend to collect.
- The cost of goods and materials has continued to increase with a particularly large increase in chemicals, fuel, and utilities. The services we provide have continued to be costlier due to the severe inflation as indicated in the consumer price index.

- Alamance County conducted a revaluation with new property values that will be in effect for the upcoming fiscal year. The proposed ad valorem tax rate is \$0.35, a reduction of \$0.105 from our existing rate of \$0.455 but higher than the revenue-neutral rate of \$0.2899.
- In the budget proposal, the garage previously operated as a stand-alone fund (Fund 40) but has been absorbed within the General Fund (Fund 10). While operating as an independent fund, the revenues and expenditures were required to balance; resulting in a higher hourly labor rate. By operating as most of our departments currently function, we will be able to assess an hourly rate for labor that reflects the existing rate of the employees performing those functions.
- Deferred maintenance has continued to cost the City more in the long run. The wastewater treatment plant cost ballooned causing a substantial rate increase last year and a 7% rate increase proposed for the upcoming year.

As you will see once you have had the opportunity to review the budget, careful consideration and review of historical trends while applying them to our current circumstances provided insight to potential areas of adjustment.

Changes for FY2023-2024

Employee Benefits & Department Changes

The upcoming fiscal year will be our second in the North Carolina Health Insurance Pool (NCHIP), which allows the City to be self-insured. One significant benefit to NCHIP is the annual increase is capped at 5%. This allows us to avoid large, unpredictable rate increases, which is what we have experienced in previous years. Prior to transitioning to NCHIP, our three-year increase averaged 13.7% annually and 7.1% last year. Based on our claim data for fiscal year to date, we will have a 4% increase in health insurance premiums without any changes to our plan for the upcoming fiscal year.

Although the consumer price index as of January 2023 was 8.5% due to the extreme inflation the economy has experienced in recent years, the proposed cost of living adjustment (COLA) is 5% and would begin in the first full pay period of the new fiscal year.

Additionally, the North Carolina Local Government Retirement System contribution will have a mandatory increase to 12.85% from 12.10% in the upcoming fiscal year for both Local Firefighter's Class and Local General Class employees. The rate for law enforcement officers increases to 14.04%.

Two new positions have been proposed: Planner I and Human Resources Assistant. Although it does not increase the full-time count within the Police Department, two lieutenant positions have been funded in a restructuring effort.

We are also in the midst of a pay plan study, which will be evaluated and considered for a mid-year implementation.

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. We will continuously review

programs and services to ensure the appropriate level of service and most efficient use of taxpayer dollars.

Recommended Budget

The 2023-2024 recommended budget is balanced at \$20,191,920 for General Fund activities. The table below shows the current year's budget versus the recommended for the upcoming fiscal year.

General Fund (Fund 10)			
Department	Budget FY 2022-2023 (as adopted)	MANAGER'S RECOMMENDATION	Difference
City Council	\$63,000	\$73,000	\$10,000
Admin	\$653,900	\$723,870	\$69,970
Information Technology	\$320,100	\$522,150	\$202,050
Finance	\$403,400	\$417,800	\$14,400
Public Bldgs	\$176,000	\$210,700	\$34,700
Police	\$5,661,200	\$6,630,615	\$969,415
Fire	\$1,637,700	\$1,825,375	\$187,675
Inspections	\$566,900	\$773,200	\$206,300
Traffic Engineering	\$28,300	\$28,800	\$500
Warehouse	\$105,700	\$119,850	\$14,150
Streets & Highways	\$1,616,100	\$2,055,045	\$438,945
Street Lights	\$125,000	\$150,000	\$25,000
Garage (previously fund 40)	\$1,064,500	\$1,266,300	\$201,800
Sanitation	\$1,406,800	\$1,476,400	\$69,600
Recreation	\$1,030,100	\$1,085,465	\$55,365
Lake	\$240,600	\$259,200	\$18,600
Athletic Facilities	\$429,000	\$464,250	\$35,250
Property Maintenance	\$769,700	\$934,400	\$164,700
Non-Departmental	\$1,123,100	\$1,175,500	\$52,400
	\$17,421,100	\$20,191,920	\$2,770,820

The 2023-2024 recommended budget is balanced at \$11,872,600 for water and sewer activities. The table below shows the current year's adopted budget versus the recommended for the upcoming fiscal year.

Water and Sewer Fund (Fund 31)			
Department	Budget FY 2022-2023 (as adopted)	MANAGER'S RECOMMENDATION	Difference
Water and Sewer Billing	\$678,600	\$724,900	\$46,300
Water and Sewer Distribution	\$3,109,900	\$2,650,700	(\$459,200)
Maintenance and Lift Stations	\$229,000	\$267,350	\$38,350
Water Treatment Plant	\$2,375,000	\$3,370,150	\$995,150
Wastewater Treatment Plant	\$1,884,000	\$2,040,000	\$156,000
Non-Departmental (Administration)	\$3,531,400	\$2,819,500	(\$711,900)
	\$11,807,900	\$11,872,600	\$64,700

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 2023-2024 budget has been developed in accordance with all statutory provisions and provides a framework for the upcoming budget year that mirrors 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. The budget process would be infinitely more difficult without the guidance, patience, and input from all those involved.

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

Thank you for the opportunity you have given me to work for this organization. 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 23, 2023 at 10am and a public hearing has been scheduled for Tuesday, June 13, 2023 at 6pm.

Respectfully submitted this 9th day of May 2023.

Megan M. Garner

Megan M. Garner
City Manager

Revenues

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. Alamance County conducted a revaluation that captured a tremendous amount of growth in the taxable valuation of property from the current fiscal year to the upcoming.

Summary of General Fund Revenues with Annual Comparison

	FY 2022-2023	FY 2023-2024	Difference
Ad Valorem Taxes	\$6,149,100	\$7,717,300	\$1,568,200
Investment Earnings	\$45,000	\$85,000	\$40,000
Miscellaneous	\$731,600	\$629,800	(\$101,800)
Other Taxes/Licenses	\$700	\$500	(\$200)
Permits/Fees	\$475,000	\$675,000	\$200,000
Restricted Intergovernmental	\$714,000	\$892,000	\$178,000
Sales/Services	\$986,250	\$1,992,000	\$1,005,750
Unrestricted Intergovernmental	\$6,057,000	\$7,580,000	\$1,523,000
Fund Balance	\$1,574,275	\$620,320	(\$953,955)
Grand Total	\$16,732,925	\$20,191,920	\$3,458,995

- **Ad Valorem Taxes:** Ad valorem tax 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 \$0.35, which represents a \$0.105 reduction from the current year. A conservative collection rate of 95% is used to calculate the amount of ad valorem tax generated. Other revenue in this category is made up of vehicle tax, collection fees, and interest. Local property tax receipts are 38% of the total General Fund revenue.

Total revenue: \$7,717,300

Prior year: \$6,149,100

- **Investment Earnings:** Investment earnings come from investing idle funds not required for cash flow. Low interest rates during the COVID pandemic caused a tremendous reduction in this revenue prior to FY 22-23. Interest rates have increased with the investment earnings getting closer to the pre-COVID actuals.

Total revenue: \$85,000

Prior year: \$45,000

- **Miscellaneous Receipts:** This category is made up of various sources such as: ABC surcharge revenues, alarm fees, donations, police 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: \$629,800

Prior year: \$731,600

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

Total revenue: \$675,000

Prior year: \$475,000

- **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 although the State's allocation is expected to be lower than the current fiscal year.

Total revenue: \$892,000

Prior year: \$714,000

- **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 other economic factors, are outpacing our ability to provide solid waste service. In an effort to reduce the impact while also increasing the City subsidy, a collections and disposal costs increase from \$10.50 per unit per month total to \$11.50 per unit per month total is being proposed. The chart shows proposed costs for sanitation.

Garbage/Recycling Total Cost	
Graham	\$11.50 per month
Burlington	\$14.15 per month
Mebane	\$ 8.00 per month
Gibsonville	\$11.00 per month
Elon	\$16.00 per month

Total revenue: \$1,992,000

Prior year: \$986,250

- **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. It represents 31% of the total general fund and is \$1,345,000 over FY 23. Other major revenues in this group include the Utility Franchise Taxes with an estimated increase of 12.5% at \$900,000 and ABC Profit Distribution at \$189,000.

Total revenue: \$7,580,000

Prior year: \$6,057,000

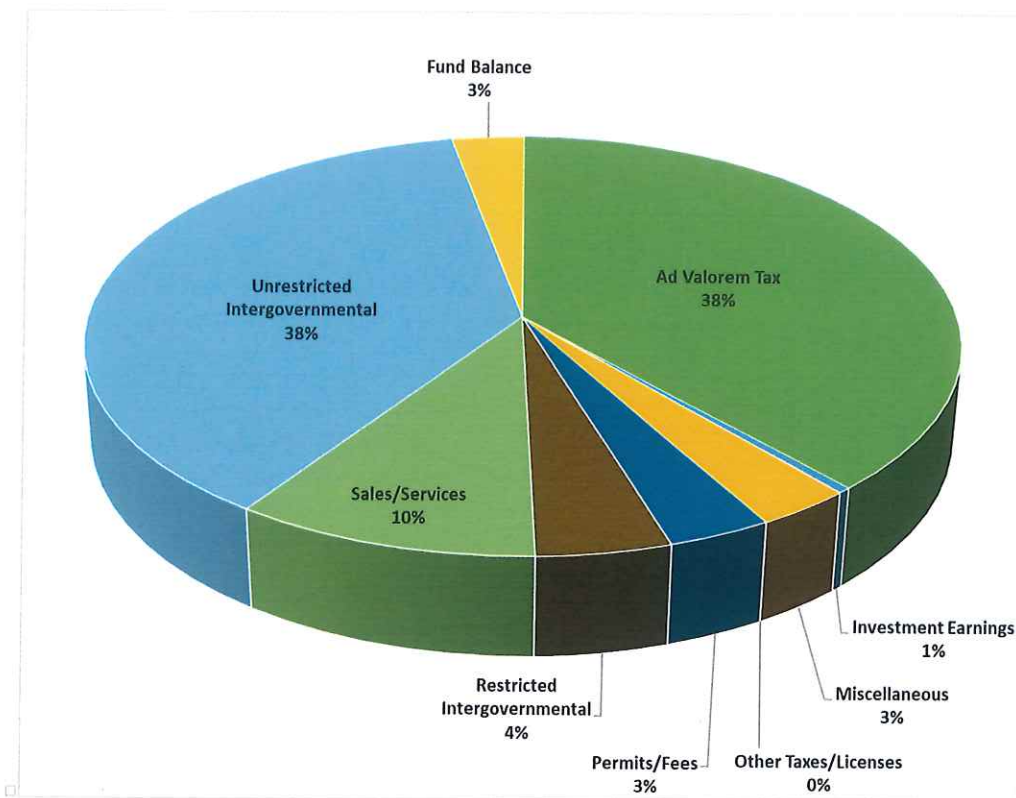
- **Fund Balance:** Fund Balance is made up of all unrestricted funds available to the City and is equivalent to a savings account. The North Carolina Local Government Commission recommends that local governments maintain an undesignated fund balance in the General Fund equal to at least 8% of the

adopted General Fund budget. At the beginning of the current fiscal year, the City retained \$13,627,235 in available fund balance, and it is estimated this amount will increase by the end of the year.

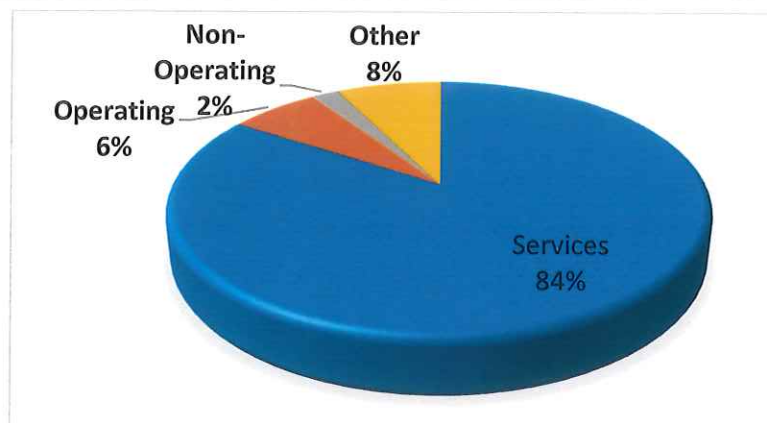
Total revenue: \$620,320

Prior year: \$1,574,275

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 for the largest source of revenue for this fund at \$9,979,075 or 84% 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 2023-2024 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 for an increase for all tiers of the usage, and base rates are recommended to increase to \$5.38.
- *Sewer Rates:* Sewer charges must generate enough revenue to cover approximately \$6,166,650 in expenditures including debt service for the Boyd Creek Pump station and the anticipated debt service for Waste Water Treatment Plant Improvements and Expansion. To cover these expenditures, sewer rates are proposed to increase for all tiers of the usage and base rate is recommended to increase to \$5.38.

- *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	\$8.50	Current water	\$23.33
Proposed water	\$9.09	Proposed water	\$24.96
Current sewer	\$11.02	Current sewer	\$49.01
Proposed sewer	\$11.79	Proposed sewer	\$52.44

Expenditures

Expenditures (Fund 10)

The City has undergone many challenges within the last year. The effects of a growing City bring challenges that cannot be ignored. New homes and development bring increased demand and pressures on City services. That includes more calls for services for our public safety departments and our Public Works Department. A dichotomy exists 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

- **City Council:** This department covers council salary, travel, and material needs. Given the municipal elections in the upcoming year, an appropriation of \$15,000 has been included to cover the costs.

Total budget: \$73,000

Prior year: \$63,000

Capital: None

- **Administration:** Staff in this department provide support services such as human resources, communications, and leadership to all City departments. One new position (Human Resources Assistant) is being proposed from part-time to full-time in the upcoming budget year.

Total budget: \$723,870

Prior year: \$653,900

Capital: None

- **Information Technology:** The Information Technology department is critical in the efficiency and productivity of City staff, who depend on IT to maintain and support over 800 devices, all software systems, and security of City data. The dependency and use of IT services increased exponentially during the height of the pandemic and continue to operate at a higher-than-average level.

Total budget: \$522,150

Prior year: \$320,100

Capital: Water Treatment Plant cable re-wire (\$5,000), Meraki network equipment (\$60,000), Civic Center fiber (\$60,000), Verkada camera system upgrades (\$60,000)

- **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 financial management system software implementation. A portion of this process includes miscellaneous accounts receivable, tax billing and collections, inventory, and utilities, which are in various phases of implementation.

Total budget: \$417,800

Prior year: \$403,400

Capital: None

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

Total budget: \$210,700

Prior year: \$176,000

Capital: City Hall AC Unit Replacement (\$50,000), parking pad at Fire Department (\$25,000), and carpet in the Council Chamber (\$10,000)

- **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 25,000 calls for service annually and holds a Commission on Accreditation of Law Enforcement Agencies (CALEA) Advanced Accreditation with Excellence designation. In addition to capital items, there is an allocation for the City's portion of the six (6) Community Oriented Policing (COPs) grant program officers, and two School Resources Offices added in fiscal year 2023. Additionally, a mandatory radio software upgrade that must be implemented by 2025 has been funded in the radio maintenance for \$48,000. The proposed budget also includes two new job titles of Lieutenant, which will serve as a reclassification and not increase the full-time employee count.

Total budget: \$6,630,615

Prior year: \$5,661,200

Capital: Flooring for the 1st floor (\$23,400), and three replacement vehicles (\$229,500)

- **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. As with the Police Department, Fire is subject to a mandatory radio changeout that must be implemented by 2025 and has been funded in the radio maintenance for \$11,000.

Total budget: \$1,825,375

Prior year: \$1,637,700

Capital: Kitchen remodel (\$15,000) and hose replacement (\$14,000)

- **Inspections:** Activity within the Inspections and Planning department continues to increase with the Inspections Department issuing over 406 new home permits during the past 18 months. Similarly, the Planning Department processed requests for 9 new subdivisions with over 548 potential new single and multi-family dwellings. There is one new position (Planner I) proposed in this department and the addition of a new technology fee, which would be assessed as 3% on credit/debit card transactions for new developments. With the increased use of card payments, the City has absorbed the transactional fees for each.

Total budget: \$773,200

Prior year: \$566,900

Capital: None

- **Transportation:** The Street Department and two smaller departments (Traffic Engineering & Street Lighting) comprise the City's transportation function. This department manages 65 miles of road, sidewalks, traffic signals, and all stormwater infrastructure.

Total budget: \$2,233,845

Prior year: \$1,769,400

Capital: Marshall/Travora/Pomeroy storm drain repair (\$100,000), Elm/Maple parking lot resurfacing (\$58,500), Public Works parking lot (\$20,000), 4X4 F-450 crew cab with snow plow (\$76,045)

- **Warehouse:** The Warehouse Division administers the distribution and inventory of fuel and other materials used by the Garage and other departments.

Total budget: \$119,850

Prior year: \$105,700

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. Major expenditures include Fuel Inventories (\$525,000) and Parts Inventories (\$275,000). This Department has been absorbed into the General Fund rather than a stand-alone fund.

Total budget: \$1,266,300

Prior year: \$1,064,500

Capital: Garage addition (\$196,700) and Road force tire balancer with tire lift (\$17,500)

- **Sanitation:** The workload of the City's Public Works Department, sanitation in particular, increased during the pandemic and has continued to operate at higher than normal levels. Refuse fees are being proposed to increase from \$10.50 per month to \$11.50 per month. As Council is aware, our existing contract with Republic Services for recycling will have a 3% CPI increase and the Alamance County Landfill is proposing a \$2.00/ton increase in tipping fees.

Total budget: \$1,476,400

Prior year: \$1,406,800

Capital: None

- **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: \$1,085,465 (Recreation), \$259,200 (Lake), and \$464,250 (Athletic Facilities)

Prior year: \$1,030,100 (Recreation), \$240,600 (Lake), and \$429,000 (Athletic Facilities)

Capital: Recreation Center –ADA entry door (\$42,115), interior painting (\$16,000), and an HVAC unit for Gym #1 (\$35,000). Marina – Pontoon boat repairs (\$8,000) and pontoon boat trailer (\$7,500). Athletic facilities – Interior signage at Bill Cooke Park (\$8,000) and playground equipment at Marshall Street Park (\$60,000)

• **Property Maintenance:** Property Maintenance is a division of Public Works, which maintains the grounds of most 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: \$934,400

Prior year: \$769,700

Capital: Carport for Cemetery Equipment (\$10,000), F-550 Dump truck with snow plow (\$80,000)

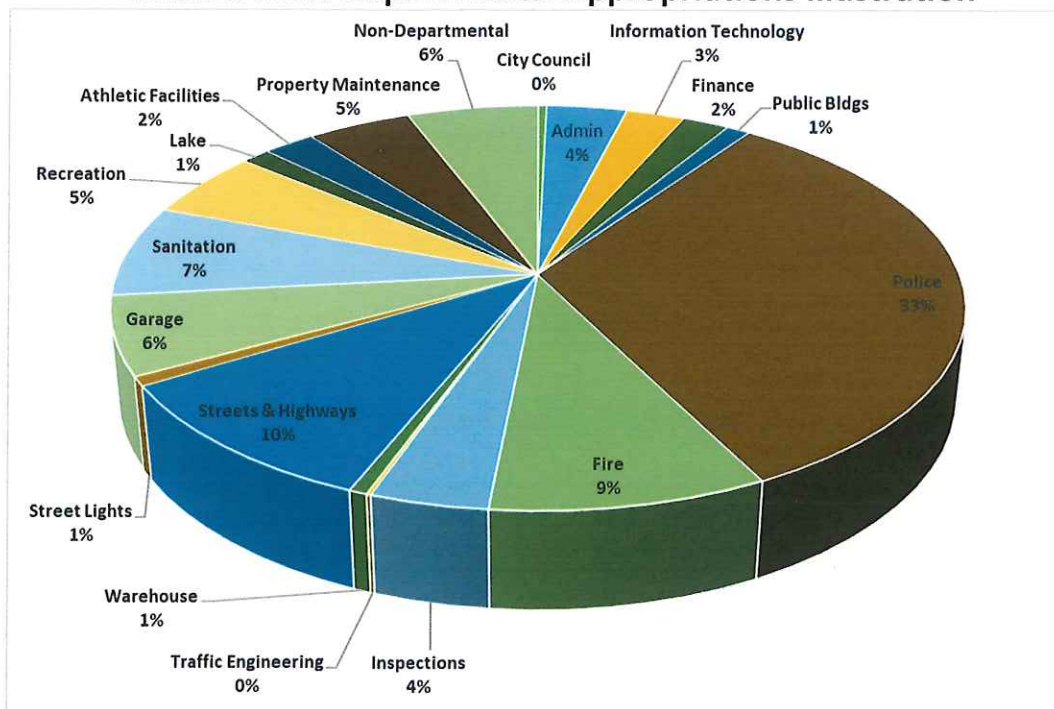
• **Non-Departmental Appropriations:** Expenses common to all General Fund departments and interlocal contracts are captured within Non-Departmental. These include post-employment benefits (OPEB), the General Fund portion of risk management policies, Animal Shelter, and Economic Development initiatives.

Total budget: \$1,175,500

Prior year: \$1,063,625

Capital: None

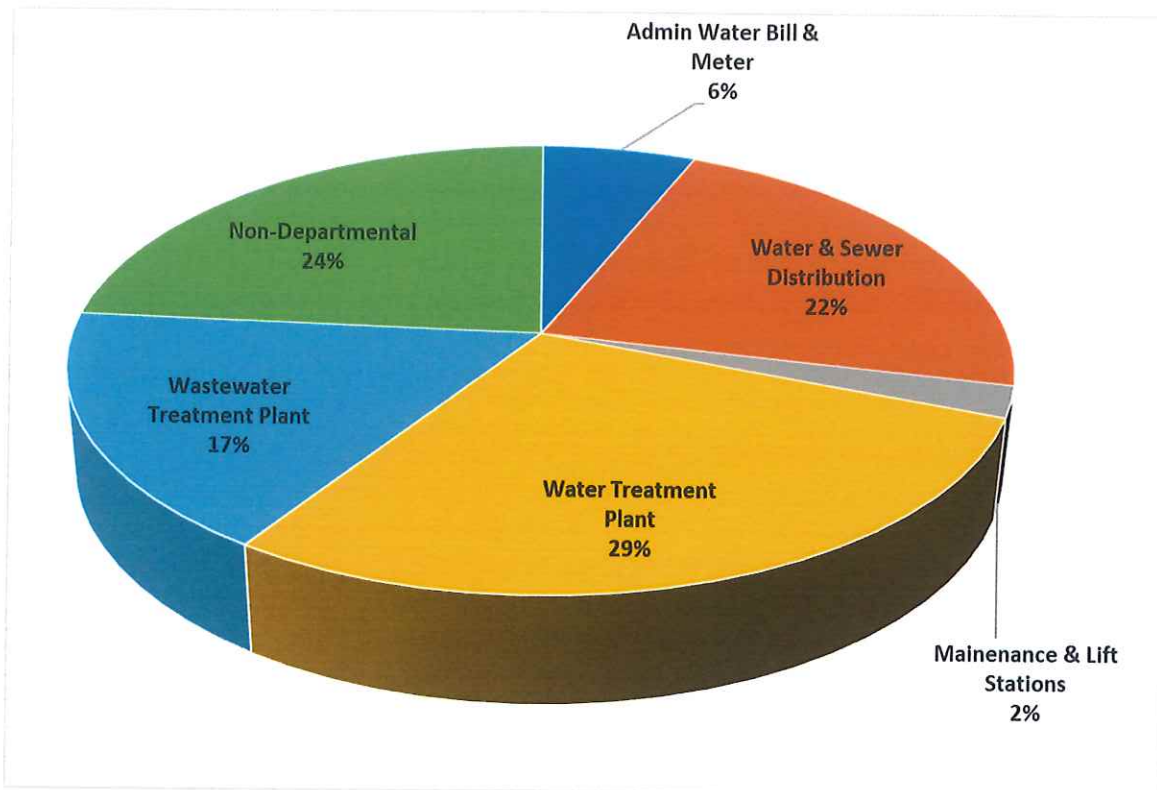
General Fund Departmental Appropriations Illustration



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 significant 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 2023-2024. The most notable capital project on the immediate horizon is the upgrade of our wastewater treatment plant, which began construction in the current fiscal year.

Water & Sewer Departmental Appropriations Illustration



Other Funds

The City operates several capital project funds, an internal service 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 FY 2022-2023, no appropriations are requested for FY 2023-2024.
- **Water & Sewer Capital Reserve Fund:** This serves as less of an independent fund but 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. Currently, we have \$790,000 on the balance sheet post Old Fields allocation, and that number will increase at year-end when accounting moves current year money over to the balance sheet.
- **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 adoption 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 50 of the dwelling units are constructed, and further development was restricted due to the lack of collection system capacity. Hence the need for this project, which was funded by developer revenue of \$724,000, Water and Sewer capital reserve monies of \$800,000, and proceeds from Water and Sewer fund balance of \$580,000. Currently, construction of the outfall is complete and the closeout of this project is underway.

Pay Plan

FY 2023-2024 Proposed Pay Plan				
Job Title	Grade	Min	Mid	Max
Sanitation Collector	10	\$33,877.62	\$36,887.03	\$47,953.13
General Maintenance Worker I Property Maintenance General Maintenance Worker I Streets	11	\$35,353.10	\$38,731.38	\$50,350.80
General Maintenance Worker II Property Maintenance General Maintenance Worker II Streets Field Operations Tech I (Utility Maintenance Worker I) Plant Maintenance Mechanic I Police Traffic Enforcement Officer	12	\$36,902.36	\$40,667.95	\$52,868.33
Equipment Operator I Property Maintenance Equipment Operator I Streets Fields Technician Field Operations Tech II (Utility Maintenance Worker II) Plant Maintenance Mechanic II Property Evidence Technician	13	\$38,529.08	\$42,701.35	\$55,511.75
Athletics Facilities Technician Equipment Operator II Property Maintenance Field Operations Equipment Operator I (Utility Equip Oper) Fleet Service Technician General Maintenance Worker III Property Maintenance General Maintenance Worker III Streets Parks Maintenance Technician	14	\$40,237.13	\$44,836.42	\$58,287.34
Customer Service Representative Equipment Operator III Field Operations Equipment Operator II (Utility Equip Oper) Field Operations Tech III (Utility Maintenance Worker III) Landscape Specialist Maintenance and Relief Treatment Plant Operator Office Assistant Plant Maintenance Mechanic III Police Records Clerk Sanitation Collector/Equipment Operator Sanitation Equipment Operator Treatment Plant Operator I Utility Billing Technician	15	\$42,030.59	\$47,078.23	\$61,201.71
Crew Leader Laboratory Technician I Treatment Plant Operator II Water Quality Technician I	16	\$43,913.72	\$49,432.14	\$64,261.79
Athletics Field Supervisor Field Operations Equipment Operator III (Utility Equip Oper) Lake Warden Police Cadet Public Works Assistant Water Quality Technician II	17	\$45,891.01	\$51,903.76	\$65,374.88
Fleet Technician Laboratory Technician II Police Administrative Assistant Property Maintenance Supervisor Sanitation Supervisor Senior Accounting Technician Senior Customer Service Representative Treatment Plant Operator III Water Billing Supervisor Zoning & Inspection Technician	18	\$47,967.15	\$54,498.94	\$70,848.62

Fire Engineer (Fire Equipment Operator)	19	\$50,147.11	\$57,223.89	\$74,391.05
Human Resources Assistant				
Parks & Athletic Facilities Maintenance Supervisor				
Planner I				
Police Officer I				
Recreation Center Supervisor				
Street Maintenance Supervisor				
Tax Collector				
Zoning Enforcement Officer				
Athletic Supervisor	20	\$52,436.07	\$60,085.08	\$78,110.60
Laboratory Technician III				
Planner II				
Plant Operations Supervisor				
Police Officer II				
Recreation Marketing Supervisor				
Code Enforcement Officer	21	\$54,839.47	\$63,089.33	\$82,016.14
Fire Master Engineer				
Recreation Program Supervisor				
Field Operations Supervisor (Distribution & Collections Supervisor)	22	\$57,363.04	\$66,243.81	\$86,116.95
Fire Inspector				
Fire Lieutenant				
Fleet Superintendent				
IT Systems Manager (Systems Support Technician)				
Laboratory Supervisor				
Plant Maintenance Supervisor				
Pretreatment Coordinator				
City Clerk	23	\$60,012.79	\$69,555.99	\$90,422.79
Police Sergeant				
Property Maintenance Superintendent				
Fire Captain	24	\$62,795.03	\$73,033.79	\$94,943.93
Police Lieutenant				
Street Superintendent				
Environmental & Lab Services Superintendent	25	\$65,716.38	\$76,685.48	\$99,691.13
Field Operations Superintendent				
Police Captain				
Wastewater Plant Superintendent				
Water Plant Superintendent				
	26	\$68,783.81	\$80,519.75	\$104,675.69
Field Operations Manager	27	\$72,004.60	\$84,545.75	\$109,909.46
Inspections Director				
IT Director				
Assistant Police Chief	28	\$75,386.43	\$88,773.03	\$115,404.94
Director of Human Resources/Risk Management				
Utilities Compliance Manager				
Finance Officer	29	\$78,937.35	\$93,211.68	\$121,175.19
Recreation & Parks Director				
	30	\$82,665.82	\$97,872.26	\$127,233.95
Fire Chief	31	\$86,580.70	\$102,765.88	\$133,595.65

Police Chief	32	\$90,691.34	\$107,904.17	\$140,275.43
Public Works Director				
Utilities Director				
	33	\$95,007.51	\$113,299.39	\$147,289.20
	34	\$99,539.49	\$118,964.35	\$154,653.66
	35	\$104,298.05	\$124,912.57	\$162,386.34
Assistant City Manager	36	\$109,294.56	\$131,158.20	\$170,505.66
	37	\$114,540.89	\$137,716.11	\$179,030.94
	38	\$120,049.53	\$144,601.92	\$187,982.49
	39	\$125,833.61	\$151,832.01	\$197,381.61
	40	\$131,906.89	\$159,423.61	\$207,250.69

Rates and Fees Schedule

CITY OF GRAHAM



2023-2024

PROPOSED

RATES AND FEES SCHEDULE

EFFECTIVE DATE:

JULY 1, 2023

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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
	City will assume 50% of total construction and engineering

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	
Installation Fee is \$50 for reputable companies approved by the City of Graham		
*Installation Fee is waived for Veterans with an approved government-supplied marker.		
** Based upon arrival time at the cemetery		
¹ Saturday rate begins at 4:00pm on Friday and ends at 7:00am on Sunday.		
² \$50.00 per half-hour surcharge after one hour of arrival time or any time after 3:30pm.		
³ The holiday rate applies to any holiday observed by the City.		

Laboratory Testing Fees

BOD	\$25
Suspended Solids	\$15 to (\$18)
Phosphate (total)	\$20
Ammonia	\$20
Turbidity	\$10
Temperature and pH	\$10
Alkalinity	\$10
Fecal Coliform	\$30
Coliform Bacteria	\$30
Heterotrophic Plate Count	\$35 to (\$40)
TSS Surcharge Fees	\$0.32/lb > 250 mg/l
BOD Surcharge Fees	\$0.32/lb > 300mg/l to (>250mg/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	\$100 to (\$150)
Composite Sampling Fee (Setup/Use/Pickup of Sampler)	\$190
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%.
 Sampling Fee (setup/use/pick-up of sampler) - \$140 per event.

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 \$500-2nd \$750-3rd etc.

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 prior to the approval of construction drawings.

Inspection Fees

Building Permit – (Technology Fee for all New Residential and Commercial Construction will be 3% of the total permit fee)

Minimum Permit Fee	\$50 to (\$60)
Residential (total structural square feet)	\$0.25 per sf
Commercial	\$5 per \$1,000 of value
Re-inspection Fee ¹	\$50 to (\$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	\$50 to (\$60)
Sprinkler System (review and permit)	\$100
Swimming Pool	\$75 to (\$100)
Sign	\$50 to (\$60)
Building Fee Misc.	\$50 to (\$60)
Home Recovery	\$10

Electrical Permit

Minimum Permit Fee	\$50 to (\$60)
Extra Trip	\$25 to (\$30) each trip
Re-Inspection Fee ¹	\$50 to (\$60)
Mobile Home Park Spaces (1-5)	\$50 to (\$60)
Mobile Home Park Spaces (above 5)	\$6 per space
Billboards	based on service size
Saw Service	\$50 to (\$60)
Temporary Service for Construction Site	\$50 to (\$60)
Temporary Power for Sec. 10.8 N.C.E.C	\$50 to (\$60)
Residential and Commercial Service	\$0.10 per sf
Low Voltage Wiring	\$50 to (\$0.05 per sf)
Security System	\$50 to (\$60)
Wiring Swimming Pool	\$110

Heating and Air Conditioning Permit

Minimum Permit Fee	\$50 to (\$60) plus \$5 per additional thousand
Re-Inspection Fee ¹	\$50 to (\$60)
Ansul Test on Hoods	\$100
Duct Test (smoke)	\$50 to (\$60)
New Gas Line	\$50 to (\$60)
Temporary Gas	\$50 to (\$60)
Fireplace	\$50 to (\$60)

Insulation Permit

Single Family Dwellings	\$50 to (\$60)
Multi-Family Dwellings	\$20 to (\$30) per unit
Re-Inspection Fee ¹	\$50 to (\$60)

Plumbing Permit

First Fixture ³	\$50 to (\$60)
Each Additional Fixture ³	\$8 to (\$10)
Water Tap Non-Sewer Use	\$50 to (\$60)
Re-Inspection Fee ¹	\$50 to (\$60)

Mobile Homes

On-Site Inspection for HUD Labeled	\$100 all-inclusive to (\$200)
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Miscellaneous Building

ABC Inspection	\$100
Demolition of Building	\$60 plus \$1,000 cash bond
Driveway Permit ²	\$50 to (\$60)
Moving of Building	\$60 plus \$1,000 cash bond
New Business Building & Fire Inspection	\$50 to (\$60)
Fire Re-Inspection Fee ¹ (routine inspections)	\$50 to (\$60) -3 rd , \$100 to (\$120) -4 th , \$150 to (\$180) -5 th , etc.
On-Site Consultations (all trades)	\$50 to (\$60)
Tanks (50-10,000 gallons)	\$50 to (\$60)
Tanks (over 10,000 gallons)	\$2 per additional thousand gallon
Change of Contractor	\$50 to (\$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 \$50 **to (\$60)** fee.

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 on holidays will be billed at time plus ½ hour.
- ❖ Any other equipment is based on current contractual rental rates.

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
Cement Catch Basin Cover	\$400
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) - \$19.80 per maintenance worker, per hour, there is a minimum charge of two
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
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	\$400 to (\$475)

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 full fee and three or more children will each be charged 50% of 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			

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	

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

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.

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

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

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

Graham Civic Center

	Resident/Non-Profit ^{1*}	General Public	Commercial*
Full Center, Includes Kitchen	\$20/hr. + staff fee \$75/5 hrs. + staff fee \$132/10 hrs. + staff fee	\$40/hr. + staff fee \$150/5 hrs. + staff fee \$265/10 hrs. + staff fee	\$80/hr. + staff fee \$300/5 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			

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			

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			

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				

User Fees

Refuse Fees

*Recycling	\$6 per unit, per month
*Garbage Land Fill Tipping Fee	\$4.50 to (\$5.50) per unit, per month
New Home Garbage & Recycling Container	\$65 to (\$70) per container
***Bulk Waste (in excess of 2 clamshell bites)	\$18 to (\$22) per clamshell bite in excess of 2
***Tree Trimmings (in excess of 2 clamshell bites)	\$12 to (\$16) per clamshell bite in excess of 2
*All water customers inside the City Limits without containerized disposal systems (dumpsters) per customer or dwelling unit	
***One (1) clamshell bite is approximately 1.5 cubic yards	

Stormwater Fee

Stormwater Charge	\$2 per month per utility account
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Water Rates

Water Base Rate (per month)	\$5.03 to (\$5.38)
Water Rates per 1,000 gallons (inside city limits)	
0-2,500	\$3.47 to (\$3.71)
2,500-10,000	\$3.85 to (\$4.12)
10,001-100,000	\$3.91 to (\$4.18)
100,001-1,000,000	\$3.96 to (\$4.24)
1,000,001-2,000,000	\$4.02 to (\$4.30)
2,000,000+	\$4.07 to (\$4.35)
Water Rate (Outside City Limits)	Double inside rates
Water Base Rate (Outside City Limits)	\$10.06 to (\$10.76)
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

*No deposit is required for property owners. Deposits are required for rental or leased property and are refundable when final bills are paid.

**During testing, if meter checks out of limits estimated by AWWA, money shall be refunded and adjustment made to the water bill. If meter tests are within AWWA Standards, the fee shall remain with the City.

Sewer Rates

Sewer Base Rate (per month)	\$5.03 to (\$5.38)
Sewer Rates per 1,000 gallons:	
0-2,500	\$5.99 to (\$6.41)
2,500-10,000	\$11.60 to (\$12.41)
10,001-100,000	\$11.67 to (\$12.49)
100,001-1,000,000	\$11.75 to (\$12.57)
1,000,001-2,000,000	\$11.82 to (\$12.65)
2,000,000+	\$11.91 to (\$12.74)
Unmetered Sewer Charge (per month)	\$67.17 to (\$72.41)
Outside User Sewer Surcharge (per month)	\$29.67 to (\$31.75)

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	\$1,000	\$2,000	\$1,000	\$2,000
Residential Dwelling Unit (3/4" Meter - 3 BR)*	\$300	\$1,000	\$2,000	\$1,000	\$2,000
Residential Dwelling Unit (3/4" Meter - 4 BR)*	\$300	\$1,000	\$2,000	\$1,000	\$2,000
Residential Dwelling Unit (3/4" Meter - 5 BR)*	\$300	\$1,000	\$2,000	\$1,000	\$2,000
All Other Zoning Categories/Uses - 3/4" Meter	\$300	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					
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					

July 1, 2022 Fees

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)

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. Prepayment 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) Projects that have active building permits but have not paid System Development fees have 30 days from July 1, 2022, to pay rates under the former water and sewer connection fee schedule.
- (6) 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.
- (7) 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 ¾" in size.
- (8) 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.

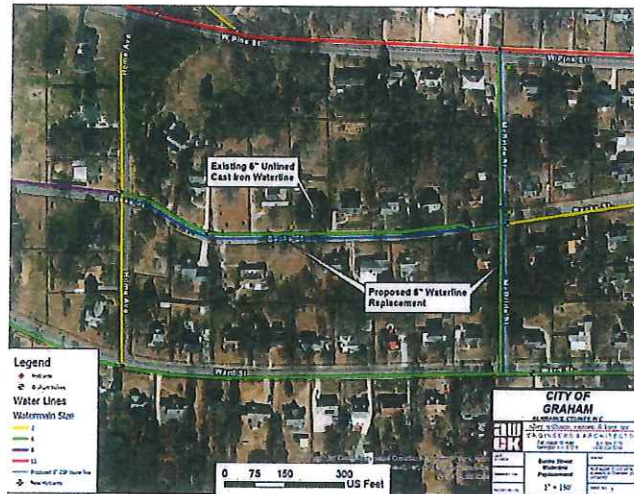
Final - 6-28-22
Revised – 7-12-22
Revised – 11-8-22
Revised – 5-9-23

Capital Improvement Plan (CIP)



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 with prioritization levels and justification sheets. Each worksheet represents the requests of the various departments.



SUMMARY OF CAPITAL REQUESTS RECOMMENDED FOR FUNDING

Capital Requests- General Fund

Department	Account	Item	Costs
Information Technologies	4300	Computer Replacements	\$ 65,000.00
Information Technologies	4300	City Camera System Upgrade	<i>90,000</i> \$ 60,000.00
Information Technologies	4300	Network Refresh/ Renewal	\$ 60,000.00
Information Technologies	4300	WTP Ethernet Update	\$ 5,000.00
Information Technologies	4300	Civic Center Fiber Upgrade	<i>Cut</i> \$ 60,000.00
Public Buildings & Grounds	5000	Carpet Replacement Council Chambers	<i>Cut</i> \$ 10,000.00
Public Buildings & Grounds	5000	HVAC City Hall	\$ 50,000.00
Public Buildings & Grounds	5000	Rear Slab Repair Fire Bays	\$ 25,000.00
Police Department	5100	Flooring Replacement	\$ 23,400.00
Fire Department	5300	Hose Replacement	\$ 14,000.00
Fire Department	5300	Kitchen Renovation	\$ 15,000.00
Streets & Highways	5600	Marshall, Travora, Pomeroy Storm Drain Project	\$ 100,000.00
Streets & Highways	5600	F450 Crew Cab	\$ 76,045.00
Streets & Highways	5600	Pedestrian Sidewalks	\$ 30,000.00
Streets & Highways	5600	Street Resurfacing	\$ 750,000.00
Streets & Highways	5600	Municipal Parking Lots	\$ 58,500.00
Streets & Highways	5600	Public Works Asphalt Repair and Resurface	\$ 20,000.00
Garage	5700	Garage Addition	\$ 196,700.00
Garage	5700	Tire Balancer	\$ 17,500.00
Recreation	6200	Rec Center Painting	\$ 16,000.00
Recreation	6200	Rec Center ADA Access Entry Doors	<i>cut</i> \$ 42,115.00
Recreation	6200	Rec Center HVAC Unit	\$ 35,000.00
Graham Mebane Lake	6210	Pontoon Boat Renovation	\$ 8,000.00
Graham Mebane Lake	6210	Pontoon Boat Trailer	\$ 7,500.00
Athletic Facilities	6220	Interior Directional signs - Cooke Park	\$ 8,000.00
Athletic Facilities	6220	Marshall Street Playground Equipment	\$ 60,000.00
Property Maintenance	6450	F550 Dump Truck	\$ 80,000.00
Property Maintenance	6450	Metal Carport for Cemetery	\$ 10,000.00
TOTAL			\$ 1,902,760.00

INFORMATION TECHNOLOGIES

4300- Information Technologies

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		250,000	190,000	150,000	155,000	155,000	900,000
Request							
Computer Replacements		65,000	65,000	80,000	85,000	85,000	380,000
City Camera System Upgrade		40 60,000	40 60,000	40			120,000
Network Refresh/ Renewal		60,000	65,000	70,000	70,000	70,000	335,000
WTP Ethernet Update		5,000					5,000
Civic Center Fiber Upgrade		60,000					60,000
Subtotal	0	250,000	190,000	150,000	155,000	155,000	900,000

170,000

cut



2024-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Yearly Computer Replacements

Description and Scope

Standardize all computer replacements throughout city. Every computer is replaced by IT every four years.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

Departments would budget for a few computers each year as needed. Currently, IT has taken control of purchasing computers, helping keep technology updated across the city.

Justification/Purpose

Computers stay updated with current technology. Departments no longer need to budget for computers. IT handles all budgeting reducing overall cost through bulk discounts.

Impact if Delayed/Alternatives

Computers will become out of warranty and could cause productivity issues in the event of a hardware failure. IT man hours are also increased with older technology. Outdated software and/or hardware is a security risk to the network.

Operating Impact/Other Comments

Technology prices continue to increase

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase	\$ 58,000	\$ 65,000	\$ 65,000	\$ 80,000	\$ 85,000	\$ 85,000	\$ 85,000
Construction							
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 58,000	\$ 65,000	\$ 65,000	\$ 80,000	\$ 85,000	\$ 85,000	\$ 85,000

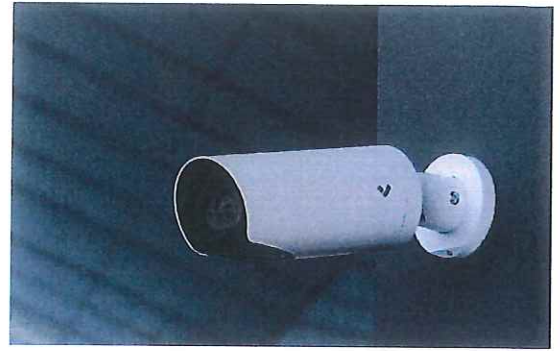
Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund	\$ 58,000	\$ 65,000	\$ 65,000	\$ 80,000	\$ 85,000	\$ 85,000	\$ 85,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 58,000	\$ 65,000	\$ 65,000	\$ 80,000	\$ 85,000	\$ 85,000	\$ 85,000

Contact Person: Jeff Wilson

Department: IT (4300)

2024-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Security Camera Upgrade

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 signs of failure again. The plan is to start replacing cameras around the city and hopefully be off the system before failure. This will eliminate the security server and move everything to the cloud.

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 will need to be replaced if we don't move forward with migrating cameras to the new system. A new Exacq server will cost upwards of \$30,000 and \$5,000 each year for service contract. Cameras will also need to be replaced eventually at \$1,500-\$2,500 depending on the camera. Old system lacks several of the new features of the new system.

Operating Impact/Other Comments

The current system will fail eventually as it is showing signs again. We have out grown the system and can not add anymore cameras to the old system.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design		40	40				
Purchase		\$ 80,000	\$ 80,000	40			\$ 120,000
Construction							
Equipment							
Other		40	40				
TOTAL PROJECT COSTS	\$ 0	\$ 80,000	\$ 80,000	\$ 0	\$ 0	\$ 0	\$ 120,000

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 80,000	\$ 80,000	40			\$ 120,000
General Obligation Bonds		40	40				
Grants							
Other		40	40	40			
TOTAL FUNDING SOURCES	\$ 0	\$ 80,000	\$ 80,000	\$ 0	\$ 0	\$ 0	\$ 120,000

Contact Person: Jeff Wilson

Department: IT (4300)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Cut

Project Title: Civic Center Fiber Upgrade

Description and Scope

Upgrade current cellular Internet connection at Graham Civic Center. This project would install dedicated city fiber.

Priority:

Medium

Category:

I. Health/Safety/Welfare

History and Current Status

Slow outdated cellular internet

Justification/Purpose

Current Internet connection is slow and cant handle events at the center. This would also allow the center to be used during pandemics for school wifi and natural disasters. The current internet can only handle about two people using it continuously.

Impact if Delayed/Alternatives

If not replaced, the center would continue to struggle with events and using it as a school resource for children during pandemics etc...

Operating Impact/Other Comments

Two Options...

- A. One time fee of \$60,000 for city owned fiber (ROI 7 Years)
- B. AT&T Fiber Monthly cost \$700 (50x50 circuit)

Cost

	Total Cost
Planning/Design	\$ 60,000
Purchase	
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 60,000

Funding

General Fund	\$ 60,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 60,000

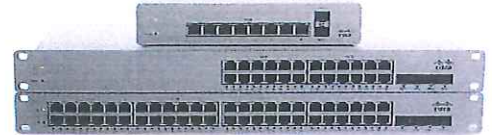


Contact Person: Jeff Wilson

Department: IT (4300)



2024-2028 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:

High

Category:

II. Maintenance/Replacement

History and Current Status

We currently have 9 security devices (Firewalls), 22 network switches, and 33 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:

Firewall fail over device, Firewall replacement for Bill Cooke park, nine wireless access points, five end of life switches across city, and one additional switch due to growth

Impact if Delayed/Alternatives

This year, several network devices across the city will stop working unless the licenses are extended or new units purchased. Only one device this year is optional. The fail over firewall for city hall we could live without, but I highly recommend purchasing. We can talk more about this in person.

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 stagger them different years to make budgeting easier.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase		\$ 60,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 80,000
Construction							
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 60,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 80,000

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 60,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 80,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 60,000	\$ 65,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 80,000

Contact Person: Jeff Wilson

Department: IT (4300)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: WTP Ethernet Update

Description and Scope

Replace & add new Ethernet cables at the WTP. This wont replace every current cable. It will only add additional cables and remove those that are damaged.

Priority:

Medium

Category:

I. Health/Safety/Welfare

History and Current Status

The cables at WTP are in need of replacement. All computers are sharing a data connection with the telephones and in some places cheap network switches are being used. This project will pull new cables to those locations providing dedicated ports to all phones and computers.

Justification/Purpose

The sharing of data cables among multiple devices can cause slowness and unnecessary outages. The use of small home switches can also cause network issues and a single point of failure which can be impossible to find at times.

Impact if Delayed/Alternatives

Continued slowness and a security threat to our network

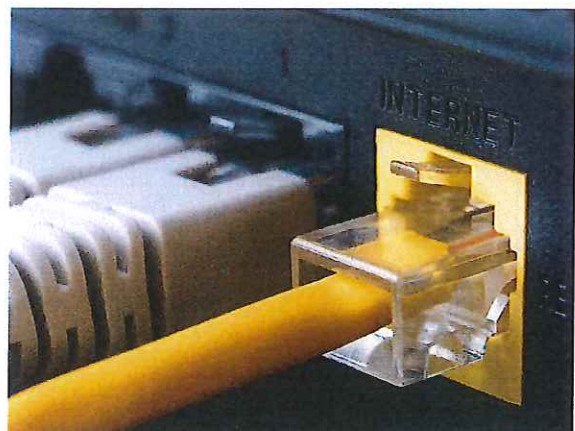
Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	\$ 5,000
Purchase	
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 5,000

Funding

General Fund	\$ 5,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 5,000



Contact Person: Jeff Wilson

Department: IT (4300)

PUBLIC BUILDINGS & GROUNDS

5000-Public building & Grounds

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		85,000	0	0	0	0	85,000
Request							
Carpet Replacement Council Chambers		10,000					10,000
HVAC City Hall		50,000					50,000
Rear Slab Repair Fire Bays		25,000					25,000
							0
							0
							0
Subtotal	0	85,000	0	0	0	0	85,000

75,000

75,000

-cut



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Cut

Project Title: New carpet in council chambers

Description and Scope

Remove existing carpet in council chambers and install new carpet.

Priority:

High



Category:

II. Maintenance/Replacement

History and Current Status

Carpet is 25 plus years old in poor condition.

Impact if Delayed/Alternatives

Potential trip hazard as carpet becomes more frayed.

Operating Impact/Other Comments

Justification/Purpose

The carpet in the council chambers is 25 plus years old and overdue for replacement. Recent alterations to the council chambers including the removal of seats and the addition of a separation wall has left divots in the floor from the fasteners additionally the carpet has began to fray.

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	
Construction	\$ 10,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 10,000

Funding

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



Contact Person: Jimmy Lloyd

Department: Public Buildings and Grounds (500)



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.

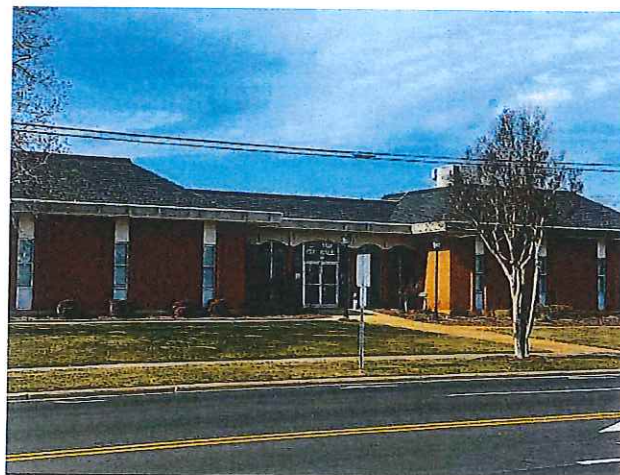
Operating Impact/Other Comments

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)

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Concrete pad rear of fire bays

Description and Scope

The asphalt will be removed and a new concrete slab able to support the weight of the trucks will then be poured.

Priority:

High



Category:

II. Maintenance/Replacement



History and Current Status

This asphalt area was re-surfaced 25+ years ago.

Impact if Delayed/Alternatives

Continued erosion, pot holes, trip hazards.

Operating Impact/Other Comments

Trip hazard.

Justification/Purpose

The asphalt behind the fire bays is separating and breaking up due to the weight of the fire trucks. This is going to continue to worsen causing pot holes in this area as well as trip hazards.

Cost

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

Funding

General Fund	\$ 25,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 25,000



Contact Person: Jimmy Lloyd

Department: Public Buildings and Grounds (500)

POLICE DEPARTMENT

5100-Police Department

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		76,747	0	0	0	0	76,747
Request							
Firearms Range Building Replacement		53,347					53,347
Flooring Replacement		23,400					23,400
							76,747
Subtotal	0	76,747	0	0	0	0	

* Highlighted item(s) recommended for FY24 only



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Flooring Replacement

Description and Scope

Replace flooring in records, lobby, and downstairs hallways

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

This flooring is the original flooring and in need of replacement. The floor within records is popping up creating a safety hazard.

Justification/Purpose

The lobby and downstairs hallway floors are the original floors and are in need of repair due to age. The floor tiles are cracking and showing their age.

Impact if Delayed/Alternatives

Safety issues related to cracked, missing and raised tiles.

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	\$ 23,400
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 23,400

Funding

General Fund	\$ 23,400
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 23,400



Contact Person: Captain T. Velez

Department: Police (5100)

FIRE DEPARTMENT

5300-Fire Department

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		464,000	450,400	451,940	453,634	435,000	2,254,974
Request							
Hose Replacement		14,000	15,400	16,940	18,634		64,974
Kitchen Renovation		15,000					15,000
Fire Station (\$8 million financed)		435,000	435,000	435,000	435,000	435,000	2,175,000
							0
Subtotal	0	464,000	450,400	451,940	453,634	435,000	2,254,974

*Highlighted item(s) recommended for FY24 only



2023-2029 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		\$14,000	\$15,400	\$16,940	18,634			
Other								
TOTAL PROJECT COSTS	\$	\$ 14,000	\$ 15,400	\$ 16,940	\$ 18,634	\$ -	\$ -	\$ -

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$14,000	\$15,400	\$16,940	\$18,634			
General Obligation Bonds								
Grants								
Other (Financing)								
TOTAL FUNDING SOURCES	-	\$ 14,000	\$ 15,400	\$ 16,940	\$ 18,634	\$ -	\$ -	\$ -



2023-2029 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Fire Pager Replacement

Description and Scope

This CIP project replaces outdated voice pagers used by GFD personnel to be alerted to fire and EMS incidents. By replacing our voice pagers can ensure that every member has a voice radio pager. The pagers purchased will have the capabilities to handle future technology changes to support a growing fire department.

Priority:

High

Category:

III. Expansion of Existing

History and Current Status

GFD has purchased a variety of pagers throughout the years. There are multiple models which creates inconsistencies for programming and options. The majority of our pagers are not equipped to handle multiple tones that we use for Fire & EMS calls.

Justification/Purpose

Our current pagers consist of models dating back to the 2010 era. Most of our pagers are no longer supported by Motorola and parts are hard to come by. We also use multiple pager tones for fire and EMS calls. Most of our current pagers can only handle 1 tone programming leaving no options for the additional tones. We also only have programming capabilities for one model of the pagers which prevents us from being able to install new programming options.

Impact if Delayed/Alternatives

We do not have enough pagers for current membership and most of our pagers are no longer supported by Motorola. Because of age repair parts are hard to come by.

Operating Impact/Other Comments

Firefighters not knowing that we have a fire or med call and not being able to hear voice radio traffic.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	28-29	Future
Planning/Design								
Purchase								
Construction								
Equipment		25,000						
Other								
TOTAL PROJECT COSTS	\$	25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	28-29	Future
General Fund		\$ 25,000						
General Obligation Bonds								
Grants								
Other (Financing)								
TOTAL FUNDING SOURCES	-	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

STREETS & HIGHWAYS

5600-Streets & Highways

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		1,259,545	1,095,500	1,609,500	2,183,500	1,782,800	7,930,845
Request							
Marshall, Travora, Pomeroy Storm Drain Project		100,000	100,000	500,000	1,200,000	400,000	2,300,000
F450 Crew Cab		76,045					76,045
Public Works Parking Lot			9,500				9,500
Wheel Loader						322,300	322,300
Pedestrian Sidewalks		30,000	100,000	100,000	100,000	100,000	430,000
Street Resurfacing		750,000	775,000	800,000	825,000	850,000	4,000,000
Municipal Parking Lots		58,500	91,000	84,500	58,500	110,500	403,000
Tandem Dump Truck		225,000					225,000
Public Works Asphalt Repair and Resurface		20,000	20,000	125,000			165,000
							0
							7,930,845
Total	0	1,259,545	1,095,500	1,609,500	2,183,500	1,782,800	



2024-2028 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.

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	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction		\$ 750,000	\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 750,000	\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 750,000	\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 750,000	\$ 775,000	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000

Contact Person: Rod Payne

Department: Streets and Highways (5600)



2024-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: Marshall, Travora, Pomeroy St Storm Drain Project

Description and Scope

To repair old and failing storm drains and repave the affected streets. Initial engineering is surveying both above and below ground, stormwater modeling and preliminary Engineering. Phase two of engineering is for final design/permitting. Cost estimates at this point are very rough, preliminary engineering needs to be completed to obtain more accurate estimate.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The pipe under Marshall St. is showing signs of starting to fail. The culvert under Travora St is in need of replacement. Pomeroy St has been patched many times and is in need of replacement. AWCK has done flow study and cost estimate.

Justification/Purpose

Marshall Street is a galvanized metal pipe like what was on Eastway Lane that is over 40 years old. The pipe is starting to fail and the road is settle over the pipe and the pipe is undersized. It is connected to the storm drain under Travora St. This box culvert is also undersized and has water and sewer lines running through the middle of the box. We camera-ed the box culvert and provided DVD to AWKC to inspect the structure to see what alternatives we have. There recommendations were to replace with new culvert is more cost effective than repairs and adding additional piping to handle excess flow. The Pipes under Pomeroy St are in need of replacing as well. We have made many patches on Pomeroy to keep it safe. This will pass more water to the undersized box culvert under Travora St. With the Peak Resources facility adding impervious surface to this drainage area the need is greater.

Impact if Delayed/Alternatives

The amount of life left in the storm drain system is unknown. If the project is delayed to long the road will become unsafe and have to be closed to through traffic until it can be replaced. The estimate is figured contracting the project out. We may be able to do the work with City forces to reduce the cost. We can do the project in phases to spread the cost over several years.

Operating Impact/Other Comments

The Streets in the affected area need to be repaved. The cost estimate for Travora St from Pomeroy St to Marshall St and Marshall St from Parker to Hill St. and Pomeroy St from Parker to Hill is \$280,000. By doing the project in phases the paving cost can be handled through the annual paving budget. As the engineering has not been completed construction costs are an estimate.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design	\$ 8,916	\$ 100,000	\$ 100,000				
Purchase							
Construction				\$ 500,000	\$ 1,200,000	\$ 400,000	
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 8,916	\$ 100,000	\$ 100,000	\$ 500,000	\$ 1,200,000	\$ 400,000	\$ 0

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund	\$ 8,916	\$ 100,000	\$ 100,000	\$ 500,000	\$ 1,200,000	\$ 400,000	
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 8,916	\$ 100,000	\$ 100,000	\$ 500,000	\$ 1,200,000	\$ 400,000	\$ 0

Contact Person: Rod Payne

Department: Streets and Highways (5600)



2024-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: F 450 Crew Cab

Description and Scope

To haul equipment, tools, personel, to jobsites.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Street Dept currently has two aging work trucks that perform these duties. One is a 2,000 model the other is a 2014 both with significant signs of wear.

Justification/Purpose

This Vehicle will provide support to aging pickups that transport equipment to and from jobsites.

Impact if Delayed/Alternatives

Possibly a major breakdown causing the crew from meeting daily work schedules.

Operating Impact/Other Comments

Vehicle price is \$64,045.45, \$12,000 was added for purchase of snow plow.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction							
Equipment		\$ 76,045					
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 76,045	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 76,045					
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 76,045	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Contact Person: Rod Payne

Department: Streets and Highways (5600)



2024-2028 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	23-24	24-25	25-26	26-27	27-28	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	23-24	24-25	25-26	26-27	27-28	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)



2024-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Municipal Parking Lot's

Description and Scope

Resurfacing Municipal parking lot's.
Elm and Maple, Harden and Maple, Main and Marshall, Marshall and Elm, Presbyterian Church, Baptist Church and City Hall. The goal would be to do one lot per year. To be paved in order above.

Justification/Purpose

The City's public parking lots are in need of repair and resurfacing. Per Terry two have been resurfaced but more than 20 years ago the balance have not been resurfaced in 30 or more years.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

We have evaluated the parking lots and prioritized by current condition.

Impact if Delayed/Alternatives

If delayed repair cost will increase due to aging and water infiltration.

Operating Impact/Other Comments

With efforts to revitalize and beautify down town, the City should take the lead.



Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction		\$ 58,500	\$ 91,000	\$ 84,500	\$ 58,500	\$ 110,500	\$ 153,500
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 58,500	\$ 91,000	\$ 84,500	\$ 58,500	\$ 110,500	\$ 153,500

Funding

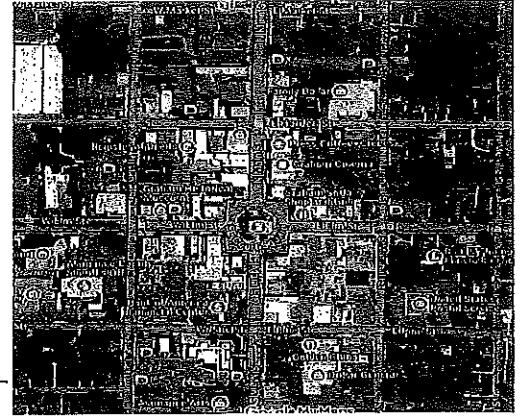
	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 58,500	\$ 91,000	\$ 84,500	\$ 58,500	\$ 110,500	\$ 153,500
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 58,500	\$ 91,000	\$ 84,500	\$ 58,500	\$ 110,500	\$ 153,500

Contact Person: Rod Payne

Department: Streets and Highways (5600)



2024-2028 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.

Impact if Delayed/Alternatives

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

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.

Operating Impact/Other Comments

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

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction		\$ 20,000	\$ 20,000	\$ 123,500			
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 20,000	\$ 20,000	\$ 123,500	\$ 0	\$ 0	\$ 0

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 20,000	\$ 20,000	\$ 123,500			
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 20,000	\$ 20,000	\$ 123,500	\$ 0	\$ 0	\$ 0

Contact Person: Rod Payne

Department: Streets and Highways (5600)

GARAGE

5700-Garage

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		214,200	0	0	0	0	214,200
Request							
Garage Addition		196,700					196,700
Tire Balancer		17,500					17,500
							0
							0
							0
							0
Subtotal	0	214,200	0	0	0	0	214,200



2024-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: 40' X29' Garage Addition

Description and Scope

Addition to back of Garage to give more dry working space. Quoted cost for completed addition is \$196,700. Project could be phased by installing roof structure for \$99,400 in one year, \$75,000 for walls, lights, electrical, doors the next and \$35,000 to insulate heat and finish interior. Phased approach will cost more in long run but allows cost to be spread over several years.

Priority:

Medium

Category:

III. Expansion of Existing

History and Current Status

Awning in picture was added in 2005 with plans to extend across the rest and close in some of it for work space.

Impact if Delayed/Alternatives

Some repairs will continue to have to be delayed as we have to wait till other jobs are completed to have shop space to work on them.

Operating Impact/Other Comments

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction		\$ 196,700					
Equipment							
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 196,700	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 196,700					
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 196,700	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Contact Person: Gary Gerringer

Department: Garage (5700)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Road Force Tire Balancer

Description and Scope

The road force balance is designed for the newer low profile tires an larger diameter rims. It self calibrates and can apply simulated road force to diagnose vibration and noise issues. It has a built in lift to mount tires to prevent employee injuries and damage to balancer.

Priority:

Medium

Category:

I. Health/Safety/Welfare

History and Current Status

Garage currently has a Coats wheel balancer that is about 14 years old. This will replace it.

Impact if Delayed/Alternatives

With the age of the balancer part availability is limited and only compounded by current supply chain issues. Loss of a balancer would require us to take mounted tires some where to have them balanced.

Justification/Purpose

Current balancer is about 14 years old and has to be constantly re-calibrated due to age and wear. Due to the weight of 19.5 tires and no lift the mounting of tires affects calibration as well.

Operating Impact/Other Comments

This new balancer will reduce the time required to balance tires, give the Garage the ability to safely mount/dismount larger tires and diagnose vibration and noise issues.

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	\$ 17,500
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 17,500

Funding

General Fund	\$ 17,500
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 17,500



Contact Person: Gary Gerrenger

Department: Garage (5700)

RECREATION

6200-Recreation

	Fiscal Year	FY 2023- 2024	FY 2024- 2025	FY 2025- 2026	FY 2026- 2027	FY 2027- 2028	Total
Subtotal		415,115	8,076,000	0	111,000	19,400,000	28,002,115
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 and Splash Pad at GRP						12,000,000	12,000,000
Graham Regional Park Land Acquisition			150,000				150,000
Graham Regional Mountain/Hiking Trail			100,000				100,000
Rec Center Painting		16,000					16,000
Mini Bus w/ Lift			76,000				76,000
Covered Stage		180,000					180,000
Maple Street Center Flooring		8,500					8,500
Rec Center Portable Sign		28,000					28,000
Rec Center ADA Family Restroom		80,000					80,000
Rec Center ADA Access Entry Doors		42,115					42,115
Rec Center HVAC Unit		35,000					35,000
Activity Bus					111,000		111,000
GRP Water and Sewer Lines			750,000				750,000
Arts Council Exterior Painting		25,500					25,500
							0
							0
Subtotal	0	415,115	8,076,000	0	111,000	19,400,000	28,002,115

*Highlighted item(s) recommended for FY24 only



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Front entry doors w/ ADA access button

Description and Scope

Upgrade the front entry doors to the Recreation Center to include ADA access for entering and exiting the Center.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

Current entry doors are original to the building and are not ADA accessible.

Justification/Purpose

This will allow access to the entry area of the Rec. Center. GRPD staff will still be required to provide access to the main Rec. Center by unlocking the safety doors.

Impact if Delayed/Alternatives

Continuing to delay the replacement of the doors will limit access to the Rec. Center by those who are not able to operate the current pull door system.

Operating Impact/Other Comments

Operations impact should be minimal.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	\$ 42,115
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 42,115

Funding

General Fund	\$ 42,115
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 42,115



Contact Person: Brian Faucette, Director

Department: Recreation (6200)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: New HVAC unit for Rec. Center

Description and Scope

Install a 12.5 ton Gas Pack, new thermostat, disposal of existing equipment, permitting and crane fees

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Bearings in the compressor of the current unit are failing, making the unit inoperable.

Justification/Purpose

Only one HVAC unit is currently operational in the main gym of the Graham Recreation Center

Impact if Delayed/Alternatives

Continuing to delay the replacement of the unit will cause stress on the only functioning unit in the gym. Increased temperatures may cause disruption to the program schedule.

Operating Impact/Other Comments

Operations impact should be minimal if work is done in off season.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	\$ 35,000
Other	
TOTAL PROJECT COSTS	\$ 35,000

Funding

General Fund	\$ 35,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 35,000



Contact Person: Brian Faucette, Director

Department: Recreation (6200)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Professional Painting-Offices, Hallways, Classrooms, etc.

Description and Scope

Paint interior walls, doorways and ceilings of offices, classrooms, hallways, restrooms and entryway at the Graham Recreation Center

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The most recent painting in some sections of the building was completed 6-8 years ago. Offices have not been repainted since original construction in 2001. The hallway has not been repainted since original construction in 1977. Many areas are chipping, cracking and peeling.

Impact if Delayed/Alternatives

Continued delay may result in low public opinion concerning the cleanliness of the Center and likely higher costs in the future.

Justification/Purpose

Update painting throughout the Center due to cracking, peeling and general wear and tear.

Operating Impact/Other Comments

Operations impact should be minimal if work is done in off season.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	\$ 16,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 16,000

Funding

General Fund	\$ 16,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 16,000



Contact Person: Brian Faucette, Director

Department: Recreation (6200)

GRAHAM MEBANE LAKE

6210-Graham Mebane Lake

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		207,500	0	555,000	62,000	906,000	1,730,500
Request							
Pontoon Boat Trailer		7,500					7,500
Retaining Wall @ Bank Fishing Area				535,000			535,000
Lake Overlook					62,000		62,000
Jon Boats		10,000					10,000
Marina Building						800,000	800,000
Marina Renovations						100,000	100,000
Security Cameras						6,000	6,000
Pontoon Boat Renovation		8,000					8,000
Passive Recreation Amenities		27,000					27,000
Remove Pine trees				20,000			20,000
Land Acquisition - east of old spillway		155,000					155,000
							0
Subtotal	#REF!	207,500	0	555,000	62,000	906,000	

*Highlighted item(s) recommended for FY24 only



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Pontoon Boat Trailer

Description and Scope

Purchase a tandem axle trailer for the pontoon boat to replace current center-lift trailer.

Priority:

High

Category:

I. Health/Safety/Welfare

History and Current Status

Impact if Delayed/Alternatives

Justification/Purpose

The pontoon came to us on an old, generic, center-lift trailer. It is not a good fit for the boat and is wearing out. The center lift (it supports the deck, not the pontoons) makes it difficult to load, has damaged the underside of the boat, and creates an unsteady platform to work on while out of the water.

The City Garage has performed repairs to make it safer and usable, but we are uncomfortable using it and question every time we use it if it will break on us.

Operating Impact/Other Comments

Road safety issues.

Cost

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

Funding

General Fund	\$ 7,500
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 7,500



Contact Person: Steve Hadden

Department: Graham-Mebane Lake (6210)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Renovate Pontoon Boat

Description and Scope

Continue the restoration of the pontoon boat.

Install new fence & paneling, sound-proofing sundeck, remaining boat furniture, fuel tank, boat cover, and electronics.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

The pontoon boat is a 1996 model and was donated to us. It shows the wear and tear of over 25 years of use. We are currently upgrading the original flooring and furniture. A monetary donation from a customer is helping with this renovation.

Justification/Purpose

Lake cruises are a new program we began last summer with the pontoon boat. It was very popular in both summer and fall cruise offerings and looks to grow into a major program for us.

This project would complete the restoration of the pontoon boat began in Fall of 2022.

Impact if Delayed/Alternatives

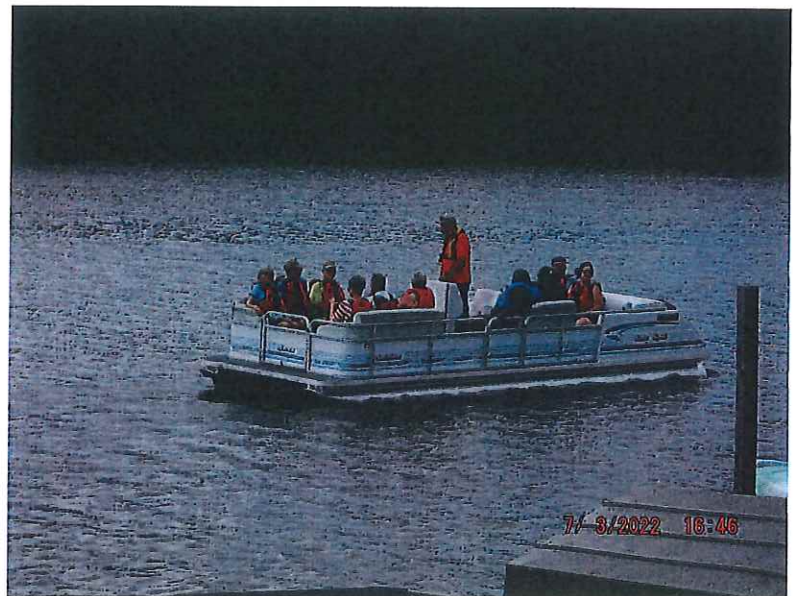
Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	\$ 8,000
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 8,000

Funding

General Fund	\$ 8,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 8,000



Contact Person: Steve Hadden

Department: Graham-Mebane Lake (6210)

ATHLETIC FACILITIES

6220-Athletic Facilities

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		139,500	61,000	355,000	33,000	522,000	1,110,500
Request							
Cameras-S. Graham			6,000				6,000
F250 Truck		50,000					50,000
Interior Directional signs - Cooke Park		8,000					8,000
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
Bleachers			6,000				6,000
Picnic tables			5,000				5,000
Kubota - Zero Turn Mower		16,500		20,000		22,000	58,500
Public Art			10,000		10,000		20,000
Tree removal at Cooke Park		5,000	10,000		5,000		20,000
Playground - Marshall St.		60,000					60,000
Playground - Greenway Park				60,000			60,000
Subtotal	0	139,500	61,000	355,000	33,000	522,000	1,110,500

*Highlighted item(s) recommended for FY24 only

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Directional Signs at Cooke Park

Description and Scope

Interior directional and rules signs at the entrance and throughout the park

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The current signs are faded and difficult to read or nonexistent.
Additional amenities (dog park) have been recently added and are not referenced in the current signage.

Impact if Delayed/Alternatives

Justification/Purpose

Interior directional signs would assist visitors in finding athletic fields (#1, #2 & #3) and park amenities (dog park, restrooms, basketball court, etc.)
Updated rules signs would add images, reducing the dependence on translated text.

Operating Impact/Other Comments

New signage will create a better user experience with less confusion.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	\$ 8,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 8,000

Funding

General Fund	\$ 8,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 8,000



Directional Signage
Approx. Size: 12' x 14'



Directional Signage (Add'l view)
Approx. Size: 12' x 14'



Informational Signage
Approx. Size: 12' x 14'

Contact Person: Brian Faucette, Director

Department: Athletic Facilities (6220)

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: New Playground at Marshall St.

Description and Scope

New, age appropriate playground equipment for Marshall St. Park to replace the aging equipment currently in place.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Current playground was installed in 1997. Components are wearing out and becoming unsafe for play. Replacement parts are hard to find or do not exist.

Justification/Purpose

Components are worn out and needing to be replaced in the near future. Replacements parts such as the slides are \$3,000-\$5,000 each.

Impact if Delayed/Alternatives

Possible injury to users. Playground may have to be permanently closed until it is deemed safe by a CPSI.
An alternative is to do a neighborhood study of the population to see if a playground replacement is necessary or if we could redesign the area to better accommodate current residents.

Operating Impact/Other Comments

As the CPSI I would rate this as a MEDIUM-HIGH priority for replacement.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	\$ 60,000
Other	
TOTAL PROJECT COSTS	\$ 60,000

Funding

General Fund	\$ 60,000
General Obligation Bonds	
Grants	
Other	
TOTAL FUNDING SOURCES	\$ 60,000



Contact Person: Tel Fehlhafer, Parks Maintenance Supervisor

Department: Athletic Facilities (6220)

PROPERTY MAINTENANCE

6450-Property Maintenance

	Fiscal Year	FY 2023 2024	FY 2024 2025	FY 2025 2026	FY 2026 2027	FY 2027 2028	Total
Subtotal		120,000	0	351,000	0	113,000	584,000
Request							
Zero-turn Mower				18,000		18,000	36,000
Compost Screener				85,000			85,000
FS50 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
Sauvintennial Park Repair		30,000					30,000
Subtotal	0	120,000	0	351,000	0	113,000	584,000

*Highlighted item(s) recommended for FY24 only



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: 26x30 Metal carport

Description and Scope

26x30x12 high metal carport installed at Graham Memorial Cemetery near the dirt shed. This carport would be closed in on three sides with locking gates across the front and used to store backhoe, tractor with dirt trailer, tractor and other equipment used in maintenance and repair of cemeteries.

Justification/Purpose

Currently Backhoe is stored outside, Tractor and trailer are stored in a shed at waste water that may not be available during and after expansion of that facility. There is no shed or storage space left at Public works.

Priority:

Medium

Category:

I. Health/Safety/Welfare

History and Current Status

Currently there is no storage shed at the cemetery. Equipment is stored at other sites and driven or hauled to cemeteries as needed,

Impact if Delayed/Alternatives

Equipment will continue to set outside.

Operating Impact/Other Comments

This storage shed would allow us to store equipment at the site where it is mostly used.

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	
Construction	\$ 10,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 10,000

Funding

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



Contact Person: Tim Covington

Department: Property Maintenance (6450)



2024-2028 CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION



Project Title: F 550 flat bed dump truck

Description and Scope

Replace 2004 F450 and 2008 Ford F550 diesel dump truck with F 550 Gasoline engine dump truck. This truck is used to pull trailers to haul mowers, skid steer, excavator and other equipment. We also use this truck to haul mulch, soil, stone and other materials used for various jobs throughout the city. We would also equip the new truck with a snowplow, this would make our snow removal more efficient..

Justification/Purpose

The diesel engine in the existing truck has been giving problems for several years because these engines were designed to start and run hard on long trips. Most of our trips with this truck are within the city limits therefore the engine rarely reaches optimum operating temperature which causes problems with this engine and emission controls. The same truck with a gasoline engine would suit our needs better and be more efficient to operate.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The Ford F450 and F 550 is currently in Service.

Impact if Delayed/Alternatives

The unit can be unreliable. It is costing more to keep the unit in service and cost the City in repairs and down time.

Operating Impact/Other Comments

With current supply chain issues part availability is an issue. We have had both trucks down waiting on parts. We use trucks from other areas at Public Works to get our job done but it affects work schedules in two areas when it happens.

Cost

	Prior	23-24	24-25	25-26	26-27	27-28	Future
Planning/Design							
Purchase							
Construction							
Equipment		\$ 80,000		\$ 93,000			
Other							
TOTAL PROJECT COSTS	\$ 0	\$ 80,000	\$ 0	\$ 93,000	\$ 0	\$ 0	\$ 0

Funding

	Prior	23-24	24-25	25-26	26-27	27-28	Future
General Fund		\$ 80,000		\$ 93,000			
General Obligation Bonds							
Grants							
Other							
TOTAL FUNDING SOURCES	\$ 0	\$ 80,000	\$ 0	\$ 93,000	\$ 0	\$ 0	\$ 0

Contact Person: Tim Covington

Department: Property Maintenance (6450)

SUMMARY OF CAPITAL REQUESTS RECOMMENDED FOR FUNDING

Capital Requests- 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	Haw River Sewer Outfall and Manhole Rehab	\$ 2,500,000.00
Water & Sewer Distribution	4600	McBride St. and 200 Banks St. NWEF	\$ 925,000.00
Water & Sewer Distribution	4600	Small Waterline Replacements (CDBG)	\$ 3,000,000.00
Water & Sewer Distribution	4600	Downtown Water/Sewer Improvements (if State funded)	\$ 1,200,000.00
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
Maintenance & Lift Stations	4700	Spare Pumps For Lift Stations	\$ 40,000.00
Maintenance & Lift Stations	4700	Kubota UTV	\$ 25,000.00
Water Treatment Plant	4800	DR6000 Spectrophptometer	\$ 15,000.00
Water Treatment Plant	4800	PER PFAS Study	\$ 300,000.00
Water Treatment Plant	4800	Bathroom Upfit	\$ 20,000.00
Water Treatment Plant	4800	Enclose Bleach Bulk Tank Enclosures	\$ 15,000.00
Water Treatment Plant	4800	Replace Generator Mufflers	\$ 15,000.00
Wastewater Treatment Plant	5900	Sludge Tanker	\$ 55,000.00
Wastewater Treatment Plant	5900	Door replacements	\$ 45,000.00
Wastewater Treatment Plant	5900	Maintenance 4x4 Truck	\$ 45,000.00
TOTAL			\$ 18,485,000.00

*Items in red have received special funding or have an application seeking funding

WATER & SEWER DISTRIBUTION

4600 - Water & Sewer Distribution

	Fiscal Year	FY 2023-2024	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	Total
Subtotal		12,410,000	10,785,000	2,160,000	6,740,000	4,955,000	37,050,000
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			500,000				500,000
Haw River Sewer Outfall and Manhole Rehab (NCDEQ)					2,500,000		2,500,000
McBride St. and 200 Banks St. NWEF		925,000					925,000
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
Pickup Truck 4x4						50,000	50,000
Mini Excavator 22					100,000		100,000
Kimrey Rd Outfall			400,000				400,000
							37,050,000
Subtotal	0	12,410,000	10,785,000	2,160,000	6,740,000	4,955,000	

4600 - Water & Sewer Distribution

	Fiscal Year	FY 2028-2029	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	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	



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: McBride St. and Banks St. Waterline Replacement

Description and Scope

McBride St. and Banks St. Waterline Replacement - Replacing a 6 inch water main with an 8 inch water main. Replacement of entire McBride St. main and the 200 block of Banks St. main.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Brittle, corroded.

Justification/Purpose

Existing pipe is very brittle. There have been many line breaks on this pipe.

Impact if Delayed/Alternatives

Water outages.

Operating Impact/Other Comments

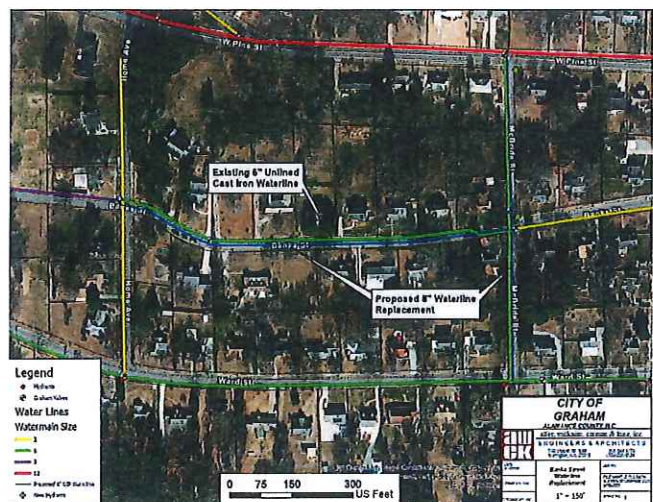
Continued and increased repairs.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 925,000
TOTAL PROJECT COSTS	\$ 925,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 925,000
TOTAL FUNDING SOURCES	\$ 925,000



Contact Person: Kenny Hill

Department: Water and Sewer Distribution (4600)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Downtown Water and Sewer Improvements

Description and Scope

The proposed project will include replacing substandard sewerlines along Elm Street and connecting and completing the 12" loop around the Court Square.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

There have been several sewer blockages due to poor alignment.

Justification/Purpose

Improve water quality and fire flows. Supports future growth with both water and sewer improvements.

Impact if Delayed/Alternatives

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 1,200,000
TOTAL PROJECT COSTS	\$ 1,200,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 1,200,000
TOTAL FUNDING SOURCES	\$ 1,200,000

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

Operating Impact/Other Comments

Justification/Purpose

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

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)

MAINTENANCE & LIFT STATIONS

4700 - Maintenance & Lift Stations

	Fiscal Year	FY 2023-2024	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	Total
Subtotal		65,000	3,580,000	290,000	40,000	790,000	4,765,000
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
Kubota UTV		25,000					25,000
Jet Machine Rebuild			40,000				40,000
Vac Service Truck				250,000			250,000
Subtotal	0	65,000	3,580,000	290,000	40,000	790,000	4,765,000

4700 - Maintenance & Lift Stations

	Fiscal Year	FY 2028-2029	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	Total
Subtotal		215,000	165,000	90,000	90,000	40,000	600,000
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
Sewer Camera					50,000		50,000
Subtotal	0	215,000	165,000	90,000	90,000	40,000	600,000

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Kubota UTV

Description and Scope

Utility vehicle for staff to access sewer outfall easements.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Current Kubota was purchased in 2010.

Justification/Purpose

Replace aging vehicle with high number of hours.

Impact if Delayed/Alternatives

Operating Impact/Other Comments

Cost

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

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 25,000
TOTAL FUNDING SOURCES	\$ 25,000



Contact Person: Kenny Hill

Department: Maintenance and Lift Station (4700)



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

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.

Impact if Delayed/Alternatives

Operating Impact/Other Comments

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 2023-2024	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	Total
Subtotal		365,000	281,500	115,000	480,000	50,000	1,291,500
Request							
Deionized Water System			6,500				6,500
DR6000 Spectrophotometer		15,000					15,000
THM Analyzer					45,000		45,000
TOC Analyzer				30,000			30,000
PER PFAS Study		300,000					300,000
Rebuild Graham # 2					35,000		35,000
Bathroom Upfit		20,000					20,000
Entrance Gate			25,000				25,000
Enclose Bleach Bulk Tank Enclosures		15,000					15,000
Rebuild Raw Water #4				85,000			85,000
Rebuild Graham #3						50,000	50,000
Filter Media Rebuild					150,000		150,000
Replace Generator Mufflers		15,000					15,000
Spillway Improvements					250,000		250,000
Clearwell Rehab			250,000				250,000
							0
Subtotal	0	365,000	281,500	115,000	480,000	50,000	1,291,500

4800-Water Treatment Plant

	Fiscal Year	FY 2028-2029	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	Total
Subtotal		2,000,000	18,221,500	85,000	76,000	205,000	20,587,500
Request							
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	20,587,500



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Hach DR 6000 Spectrophotometer

Description and Scope

The DR 6000 photometer provides the means to perform various compliance and process control analyses for the Graham-Mebane Water Treatment Plant.

Priority:

High

Category:

II. Maintenance/Replacement

History and Current Status

Meter was purchased in 2012. Use/Life Expectancy is 10 years.

Justification/Purpose

This piece of equipment is necessary for the analyses of required parameters mandated by state and federal requirements for the Water Treatment Plant.

Impact if Delayed/Alternatives

Non-compliance with federal and state regulations.

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	\$ 16,000
Other	
TOTAL PROJECT COSTS	\$ 16,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 16,000
TOTAL FUNDING SOURCES	\$ 16,000



Contact Person: Shelby Smith

Department: Water Treatment Plant (4800)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Upgrade Bathroom Plumbing

Description and Scope

Upgrade plumbing in the bathroom in the operations building

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The plumbing is the original plumbing from 1976 and is now having issues on a regular basis.

Justification/Purpose

The current plumbing is continually having problems of blockages due to the older piping. This is the only bathroom in the operations building.

Impact if Delayed/Alternatives

Continual issues requiring repair and times of out of service bathroom facilities.

Operating Impact/Other Comments

There is potential for a flooding issue in the bathroom from the blockages that are being experienced and pushing water/sewage back into the bathroom.

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	
Construction	
Equipment	
Other	\$ 20,000
TOTAL PROJECT COSTS	\$ 20,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 20,000
TOTAL FUNDING SOURCES	\$ 20,000



Contact Person: Shelby Smith

Department: Water Treatment Plant (4800)

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Enclose Bleach Bulk Tanks

Description and Scope

To ensure the bulk system is protected from the weather and sunlight.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Roof is the only protection from the elements.

Justification/Purpose

Protect the piping and tanks from the damage by sunlight. To ensure sodium hypochlorite meets federal and state standards.

Impact if Delayed/Alternatives

The ability to meet future regulations set forth by federal or state regulations.

Operating Impact/Other Comments

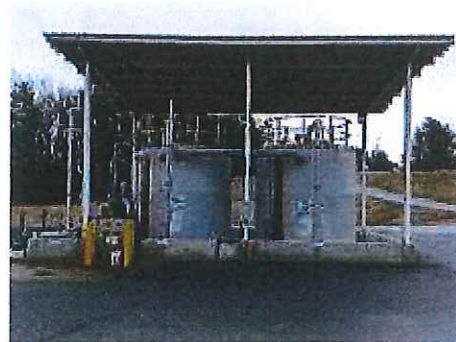
Break down of chemical strength.

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	\$ 15,000
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 15,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 15,000
TOTAL FUNDING SOURCES	\$ 15,000



Contact Person: Tonya Mann

Department: Water Treatment Plant (4800)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Water Plant Preliminary Engineering Report

Description and Scope

Engineering study to examine treatment techniques and up-fit for existing facility.

Priority:

Medium

Category:

III. Expansion of Existing

History and Current Status

The water treatment plant will be at it's life expectancy of 25 years in 2028.

Justification/Purpose

To ensure compliance with continued regulatory updates and to meet continued growth needs for potable water.

Impact if Delayed/Alternatives

Potential of being out of regulatory compliance and not being to meet the water demand of the customers.

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	\$ 300,000
Purchase	
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 300,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 300,000
TOTAL FUNDING SOURCES	\$ 300,000

Contact Person: Tonya Mann

Department: Water Treatment Plant (4800)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Muffler Replacement

Description and Scope

Replacement of the muffler on the main plant generator.

Priority:

High



Category:

II. Maintenance/Replacement

History and Current Status

22 years old and rusted

Justification/Purpose

The muffler is 22 years old and is rusted out requiring replacement for proper operation.

Impact if Delayed/Alternatives

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	\$ 0
Purchase	
Construction	
Equipment	
Other	\$ 15,000
TOTAL PROJECT COSTS	\$ 15,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 15,000
TOTAL FUNDING SOURCES	\$ 15,000

Contact Person: Tonya Mann

Department: Water Treatment Plant (4800)

WASTEWATER TREATMENT PLANT

5900-Wastewater Treatment Plant

	Fiscal Year	FY 2023-2024	FY 2024-2025	FY 2025-2026	FY 2026-2027	FY 2027-2028	Total
Subtotal		145,000	374,500	328,000	2,025,000	102,500	2,975,000
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 Tanker Pump			12,000				12,000
Sludge Tanker		55,000					55,000
Secondary Clarifier #1 and #3				200,000			200,000
Secondary Clarifier #2 and #4			300,000				300,000
Door replacements		45,000					45,000
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
Maintenance 4x4 Truck		45,000					45,000
							0
Subtotal	0	145,000	374,500	328,000	2,025,000	102,500	2,975,000

5900-Wastewater Treatment Plant

	Fiscal Year	FY 2028-2029	FY 2029-2030	FY 2030-2031	FY 2031-2032	FY 2032-2033	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
Subtotal	0	260,000	25,000	45,000	235,000	70,000	635,000



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Sludge Tanker

Description and Scope

Sludge Tanker is pulled behind the tractor and used to spray land apply sludge on fields at farm.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

Current tanker was purchased in 2011 and has processed almost 10,000 loads of sludge (over 27 million gallons). As of January 2022, the pump on the current tanker is no longer available and a compatible pump would need to be found.

Impact if Delayed/Alternatives

Land application would have to be handled by a sludge transport truck which can only apply on fields in very dry conditions due to poor traction.

Justification/Purpose

Current tanker is 3400 gallons. If available, a smaller tanker in the 3000 gallon range would be preferred. Our transport trucks only typically carry 2800 gallons and a smaller tanker would lessen the strain on the current tractor.

Operating Impact/Other Comments

Land application would be severely impacted which would negatively affect operations at the WWTP.

Cost

	Total Cost
Planning/Design	
Purchase	\$ 55,000
Construction	
Equipment	
Other	
TOTAL PROJECT COSTS	\$ 55,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 55,000
TOTAL FUNDING SOURCES	\$ 55,000

Contact Person: Joe Atwater

Department: Wastewater Treatment Plant (5900)

CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Door Replacements

Description and Scope

Replacement of single and double door structures in RAS Pump house 1, RAS Pump house 2 and Digester Building.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

In RAS Pump houses, doors and door frames are rusting through. In Digester building, door is not operational

Impact if Delayed/Alternatives

Doors and door frames will continue to decay and become safety hazard.

Operating Impact/Other Comments

Increase heating costs of buildings and potential safety hazard.

Justification/Purpose

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	
Other	\$ 45,000
TOTAL PROJECT COSTS	\$ 45,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 45,000
TOTAL FUNDING SOURCES	\$ 45,000



Contact Person: Cris Routh, Superintendent

Department: Wastewater Treatment Plant (5900)



CIP CAPITAL IMPROVEMENT PROJECT DESCRIPTION

Project Title: Service Pickup Truck 4X4

Description and Scope

Service Pickup 4X4 replacement truck.

Priority:

Medium

Category:

II. Maintenance/Replacement

History and Current Status

The trucks are currently in service.

Justification/Purpose

To replace current trucks that are beyond their service lives.

Impact if Delayed/Alternatives

Increased Maintenance cost. Lower fuel economy.

Operating Impact/Other Comments

Cost

	Total Cost
Planning/Design	
Purchase	
Construction	
Equipment	\$ 45,000
Other	
TOTAL PROJECT COSTS	\$ 45,000

Funding

General Fund	
General Obligation Bonds	
Grants	
Other	\$ 45,000
TOTAL FUNDING SOURCES	\$ 45,000



Contact Person: Joe Atwater

Department: Wastewater Treatment Plant (5900)