



2007-2013
Capital Improvement Plan

July 2006

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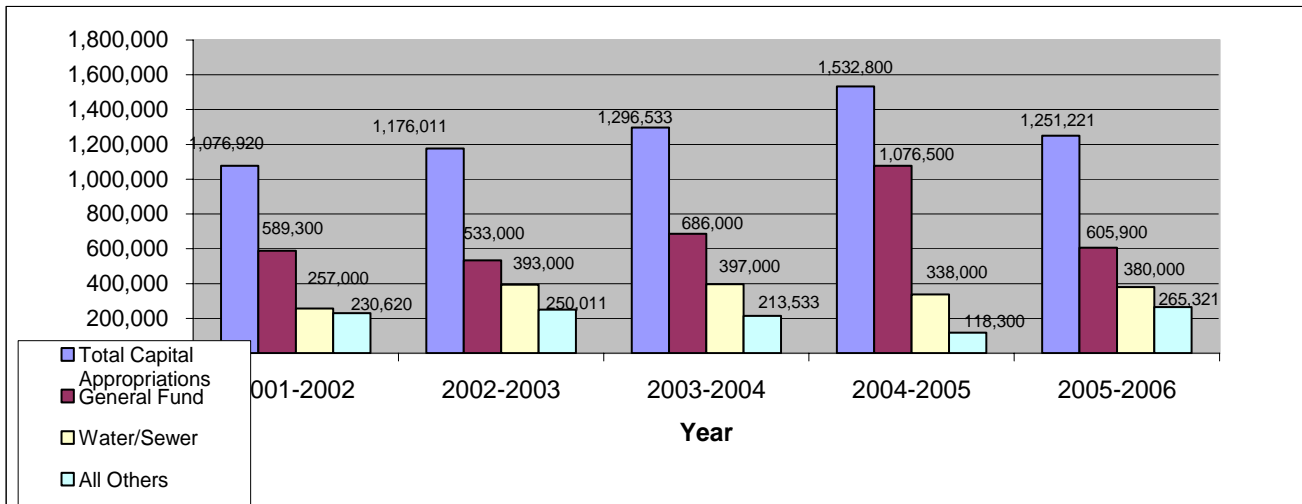
Overview

The 2007-2013 Capital Improvement Plan (CIP) seeks to identify, prioritize and schedule for the procurement of capital infrastructure, facilities and equipment over a multiyear period. Additionally, the CIP has identified major non-capital expenses such as personnel that will have a direct impact on the annual operating budget and the availability of funds in the future.

The current CIP includes identified improvements with a total estimated cost of \$78,135,100 over the next twenty (20) years. General Fund improvements total \$19,709,600 over ten (10) years, while Water/Sewer requests total \$58,405,500 over twenty (20) years. The City’s Garage fund is also included in the plan but has only \$20,000 in identified needs.

Along with considering the capital needs of the City, it is imperative that we consider the funding mechanisms necessary to fulfill those needs. Below you will find data representing the amount of funding dedicated to capital improvements over the past five annual budgets.

	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006
GENERAL FUND TOTALS	589,300	533,000	686,000	1,076,500	605,900
WATER/SEWER TOTALS	257,000	393,000	397,000	338,000	380,000
TOTAL ALL OTHERS	230,620	250,011	213,533	118,300	265,321
GRANDTOTAL	1,076,920	1,176,011	1,296,533	1,532,800	1,251,221



The preceding table and graph displays the amount of money that was **budgeted** for capital expenditures between FY2001-2002 and FY2005-2006

Format

The current CIP schedules Capital requests for a six-year period beginning in FY 2007-2008 with identified needs beyond FY 2012-2013 grouped into a single column for reference. Requested amounts for Capital Items in FY 2006-2007 are not part of the current plan.

The City of Graham CIP is organized much like the annual operating budget. The CIP is separated by funds that are divisible by departments. Each worksheet represents the requests of the various departments. The final page in each fund summarizes the requests and provides some comparative data.

General Fund

4200 Administrative

- Currently no capital requests.

4400-Finance

- Software Upgrades: Upgrade of existing utilities and cash collections software to a Windows-based application w/ hopes of adding features such as credit card transactions. Upgrades to other modules as they become available. Cost is shared with Water Billing, 70% of the cost is in Finance and 30% in Water Billing.
- Server Replacements: Costs to replace three (3) servers on a staggered basis. Existing main server is over four years old and may not be able to successfully run newer software applications.
- Disaster Backup: The purchase of equipment for the “off-site” storage of critical City data.
- Laser Printer: Replacement of Printronix Dot-matrix printers with Laser Printers that will allow faster printing with a higher quality of print.
- Copier: Replacement of current main copier at end of its useful life.

4400-Finance

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Software Upgrades (70%)						18,750	18,750	37,500
Server Replacements		20,000			12,500		20,000	52,500
Disaster Backup	20,000						0	20,000
Laser Printer	10,000					10,000	0	20,000
Copier				15,000			15,000	30,000
							0	0
							0	0
SUBTOTAL	30,000	20,000	0	15,000	31,250	10,000	53,750	160,000

5000-Public Buildings and Grounds

- Generator: Auxiliary power for City Hall, including Fire Department. Cost is shared with Fire Department and is to include Transfer Switch and installation.
- Phone System: Replacement of current phone system in City Hall which is nearing the end of its useful life. System may possibly be replaced with Voice over IP technology. Request is coordinated with Police request for Phone System replacement.
- City Hall Roof Replacement: Replace both flat and shingled sections of City Hall Roof.

- City Hall Renovations: Up fit of various sections of City Hall. Examples include: Suspended ceilings, painting and carpet replacement.

5000-Public Buildings & Grounds

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Generator (City Hall)	32,000						0	32,000
Phone System	30,000						0	30,000
City Hall Roof Replacement		100,000					0	100,000
City Hall Renovations	50,000			50,000			0	100,000
							0	0
							0	0
SUBTOTAL	112,000	100,000	0	50,000	0	0	0	262,000

5100-Police Department

- 800 MHZ Radio System: Purchase and maintenance fees for radios using existing towers owned by Greensboro, Guilford County, and Burlington. Radios currently being tested using existing towers are experiencing no problems. Grant opportunities are being explored.
- Computer Servers: Computer Servers run the Records Management System and are new in 2005, however, will probably have to be replaced every five years.
- Upstairs Completion: Unutilized space on second floor of the Police Department which will need to be converted to offices in a few years.
- Storage Building: 40' x 60', 3-bay garage/storage building to be built on adjacent lot owned by the City. The storage building will house items currently stored upstairs and provide a secure place to store and process vehicles used in criminal activity.
- Evidence Bar Coding: This system will allow better tracking of thousands of pieces of evidence the Police Department handles each year. The volume of evidence will continue to increase as our population increases.
- MDT Replacements: Mobile Data Terminals or "in car" computers were all replaced in 2005 and should be replaced about every five years as technology improves and officers do more from their cars. Increases in staff will require additional terminals.
- Telephone System: Current system has reached maximum capacity. Estimate is based on 2005 quote. Request is coordinated with Public Buildings request for Phone System replacement in City Hall.
- Vehicle Replacements: Replacement of vehicles excluding equipment.
- K-9 Addition/Replacement: Addition of two (2) K-9s in order for each shift to have a K-9 and replace dogs that age out of service.

- In-Car Video Upgrade: To replace aging systems with digital technology.
- Audio & Video Interview: Audio and video in the interview rooms will aid in capturing not only statements and actions of suspects, but protection against claims of mistreatment. This is a growing trend among law enforcement agencies and may become required by statute in some cases.
- Vehicle (Animal Control): A vehicle for civilian animal control. Civilian animal control position is also requested.
- Firing Range: A firing range is needed to qualify officers with their weapons. This is a need shared by most agencies in the County and could be a joint project taken on by all government units in Alamance County.
- Animal Control (Civilian): Animal Control calls are currently being handled by sworn officers and in some cases, Alamance County. The current situation is said to be inefficient and unsatisfactory.
- Officers (Additional): Additional officers will be required in the coming years as we increase in population. This plan calls for the addition of ten officers in the coming years, which will keep us only at current staffing levels based on approved development.
- Records Clerk: Addition of a full-time records clerk to assist in the increasing volume of paperwork required. Current staff level has not increased in ten (10) years.

5100-Police Department

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
800 MHZ Radio System				575,000	23,100	23,100	69,300	690,500
Computer Servers			35,000				35,000	70,000
Upstairs Completion			80,000				0	80,000
Storage Building		90,000					0	90,000
Evidence Bar Coding		17,000					0	17,000
MDT Replacements		10,000		60,000		20,000	80,000	170,000
Telephone System	30,000						0	30,000
Vehicle Replacements	60,000	80,000	60,000	140,000	60,000	140,000	260,000	800,000
K-9 Addition/Replacement	12,000		12,000		12,000		24,000	60,000
In-Car Video Upgrade	22,000	11,000	33,000	11,000	33,000	11,000	33,000	154,000
Audio & Video Interview	22,500						0	22,500
Vehicle (Animal Control)		35,000					0	35,000
Firing Range				100,000			0	100,000
							0	0
Animal Control (Civilian)		30,000					0	30,000
Officers (Additional)		80,000		160,000		160,000	0	400,000
Records Clerk	35,000						0	35,000
							0	0
							0	0
SUBTOTAL	181,500	353,000	220,000	1,046,000	128,100	354,100	501,300	2,784,000

5300-Fire Department

- Fire Engine (Replacement): Pumper to replace 1977 model. Would be used as first engine out and current 1994 model would move to second alarm. Five year rotation thereafter.
- 800 MHZ Radio System: The Graham Fire and Police Departments currently share radio frequencies which limits the effectiveness of radio communication. The implementation of an 800 megahertz radio system would alleviate this situation and give Graham the ability to grow and communicate more effectively in the future. This project is a joint venture between the Fire and Police Department but has the potential to benefit other City Departments.
- Vehicle (Staff): Replacement of vehicle used by Fire Inspector. Vehicle is also used for travel and emergencies.
- Protective Clothing: New protective gear was purchased in 2005 with grant monies. With the exception of damaged gear, it should last for six or seven years before replacement.
- Generator (Fire Station): Auxiliary power for Fire Department, including City Hall. Cost is shared with Public Buildings and Grounds and is to include Transfer Switch and installation.
- Renovations (Fire Station):
- Training Facility: As an accessory to a new Fire Station, a Training Facility will afford the Department a place to engage in required training.
- Vehicle (Medic):
- Fire Station (Planning): Prior to the construction of an additional Fire Station, architectural services, permits, and surveying must be secured. The planning process could take up to twelve (12) months.
- Fire Station (Construction): The addition of a new fire station to include headquarters.
- Personnel (additional): The operation of a new station would require a minimum of two persons at all times and more would be needed if medical calls were to be answered. The Fire Department staffing level would need to nearly double as well as add volunteers.

5300-Fire Department

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Fire Engine (Replacement)						340,000	0	340,000
800 MHZ Radio System				250,000			0	250,000
Vehicle (Staff)			35,000				0	35,000
Protective Clothing						70,000	0	70,000
Generator (Fire Station)	32,000						0	32,000
Training Facility							300,000	300,000
Vehicle (Medic)							0	0
Fire Station (Planning)		200,000					0	200,000
Fire Station (Construction)			3,300,000				0	3,300,000
							0	0
Personnel (Additional)				453,000			0	453,000
							0	0
							0	0
SUBTOTAL	32,000	200,000	3,335,000	703,000	340,000	70,000	300,000	4,980,000

5400-Inspections & Planning/Zoning

- Vehicle: The staggered replacement of current vehicles.
- Engineer's Scanner: Large format scanner that will allow staff to convert large maps into digital images.
- Software Upgrade: Replacement of GIS software as newer versions become necessary.
- GIS Server: Currently all Inspections and GIS data is stored on the same server as all other City data. Files particularly associated with our GIS are quite large and require a great deal of memory. The purchase of a GIS server will allow for the segregation of that data.
- Deputy Planner: The addition of an additional planner to assist in various planning functions.

5400-Inspections & P/Z

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Vehicle		20,000				20,000	20,000	60,000
Engineer's Scanner				15,000			0	15,000
Software Upgrade	5,000		5,000			5,000	5,000	20,000
GIS Server	7,000					7,000	0	14,000
							0	0
							0	0
							0	0
Deputy Planner			45,000				0	45,000
							0	0
							0	0
SUBTOTAL	12,000	20,000	50,000	15,000	27,000	5,000	25,000	154,000

5500-Traffic Engineering

- Currently no requests.

5550-City Garage & Warehouse

- Gas Billing System: Current system was installed in 1996 and the software will need to be updated. The product pumps will need to be replaced also. The underground tanks are in excellent condition and should serve us well for several more years.
- Copier: Replacement of current photocopier purchased in 1997.

5550-City Garage & Warehouse

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Gas Billing System				35,000				35,000
Copier						7,000		7,000
								0
								0
SUBTOTAL	0	0		35,000	0	7,000	0	42,000

5600-Streets & Highways

- Tandum Dump: Replacing a 1979 model truck which will be sold.
- Sweeper: Replace a 1997 sweeper truck. We try to replace sweepers every 10 years. Chassis to be retained for new leaf loader.
- Flat Bed Dump: Replace a 1980 model dump truck. Old truck to be sold.
- Backhoe: Replace a 1996 model backhoe. We will sale the old 1988 model backhoe.
- Vehicle (Pick-up): Replace a 1992 model truck.
- Vehicle (Crew Cab): Replace a 2000 model crew cab. Old one will be sold.
- Ice Melt System: Installation of a Brine system to better control ice/freezing rain on our streets.
- Rubber Tire Loader: Replace a 1987 model loader. We will sale our oldest loader.
- Asphalt Roller: Replace our small roller with a larger one.
- Tractor: Replace a 1988 model tractor. We will sale our oldest tractor.
- Crawler Loader: Replace a 1972 Model John Deere track loader.

- Trailer (20 ton): Replace a 20 ton Heavy duty trailer purchased in 1991. It is used to haul our large equipment.
- Trailer: Replace a 2000 model trailer. It is used to haul small equipment.
- New Office Building: We need approximately 3,000 sq. ft. of floor space. We need a place for citizens and salesmen to visit without coming into the work area. Personnel are scattered between buildings. We need a conference room/training room, map room and kitchen/break room. All of our key personnel need to be in the same building. Currently, the secretary and Public Works Director are in different buildings. Key office equipment, such as the fax machine, is located in separate buildings. The new building would also allow us to update our outdated phone system.
- Shed & Loading Dock: We will need extra shed space and a dock to unload trucks. Currently we have no way to unload delivery trucks except with forks on a backhoe.
- Garage Expansion 2-bay: Add two enclosed bays to existing garage for cars and light trucks only. Growth will dictate if this will be necessary.
- Sidewalk Installation (TBD): Construction of sidewalks throughout various parts of the City identified in the Pedestrian Plan.
- Stormwater personnel: By the year 2010 we will likely need a full time person to be in charge of our Phase II stormwater program. This person would be in charge of enforcing stormwater rules and inspecting post construction BMPs.

5600-Streets & Highways

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Tandum Dump	95,000			95,000				285,000
Sweeper	112,000							112,000
Flat Bed Dump			70,000		70,000			210,000
Backhoe				65,000				65,000
Vehicle (Pick-up)						16,000		16,000
Vehicle (Crew Cab)				25,000				25,000
Ice Melt System		35,000						35,000
Rubber Tire Loader							110,000	110,000
Asphalt Roller		40,000						40,000
Tractor		20,000					20,000	40,000
Crawler Loader						200,000		200,000
Trailer (20 ton)					25,000			25,000
Trailer						5,000		5,000
New Office Building				350,000				350,000
Shed & Loading Dock						95,000		95,000
Garage Expansion 2-bay						60,000		60,000
Sidewalk Installation (TBD)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
								0
Stormwater personnel				60,000				60,000
								0
								0
SUBTOTAL	307,000	265,000	695,000	195,000	276,000	300,000	595,000	2,633,000

5800-Sanitation

- Automated Garbage Truck:** The City is trying to achieve a 5 year replacement schedule on our automated trucks. After 5 years, repair costs rise considerably. We will be replacing a truck purchased in 2000. When a new truck is purchased we will convert the chassis of the old truck to a 30 yd. automated leaf collector. This will save the cost of a new truck and chassis for a leaf collector that would stand idle for several months during the year. Just the chassis for a leaf collector would cost \$50,000 or more.
- Rear Loader Truck:** Replace truck purchased in 1991. The current truck is a tandem that was purchased before we converted to automation. The new truck will be a single rear axle truck which will be cheaper to operate. The old truck will be sold.
- Trash & Brush Loader:** Replace truck purchased in 2001. The truck purchased in 2008 would go to a backup and the truck purchased in 2001 will be sold.
- Sanitation Collector:** By the year 2010 we should have grown enough to justify a full time person collecting bulk trash and brush. We already have the equipment and operate it on an as needed basis. We have an experienced operator on staff that could be moved to the new position. We would then have to hire person to fill that job who would just be a sanitation collector.

5800-Sanitation

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Automated Garbage Truck			185,000		185,000		185,000	555,000
Rear Loader Truck		95,000			95,000			190,000
Trash & Brush Loader						90,000		90,000
								0
Sanitation Collector				26,000				26,000
								0
								0
SUBTOTAL	0	95,000	185,000	121,000	275,000	0	185,000	861,000

6200-Recreation







- Land Acquisition:** This is requested for the purchase of new property in south Graham to develop a new athletic complex and build a new recreation center. We have been discussing this project for many years but have not prepared for the purchase of the land. The cost is reflective of \$25,000/acre for the purchase of 50 acres. These estimates are taken from current average land prices. This would provide for new growth and adequately serve the current population. We are quickly outgrowing our current athletic facilities especially in the areas of soccer/football facilities and gym space. The new recreation center would also accommodate for a large growing senior population and programs that are needed for this population. The recommendation of the staff and the Recreation and Parks Commission is to proceed in acquiring property before the properties we seek become unavailable.
- Haw River Trail:** Site plan and construction plans that would enable us to begin work on developing the Haw River Greenway Trail. Additional funding in subsequent years for actual development.

- Vehicle (Truck w/ 8' bed): This would replace the old green truck we currently have in the department. "Old green" is giving out on us which is to be expected. This truck was taken off the sale list a few years ago to be used for hauling our equipment. It has certainly fulfilled its duty but is fast approaching the end of its life. The request is also made for a larger 8' bed to accommodate the size of the equipment we constantly haul in the truck.
- Portable Sound System: The department is in need of three additional portable sound systems to be used at special events and athletic events. We currently have one that does not serve our needs with the variety of programs we offer as well as the number of fields we operate.
- Event Tent (40' x 60'): The department has not had a large tent for special events in many years. We have been trying to survive with small 10' x 10' tents but we have a growing need to replace the larger tents we lost about 10 years ago due to age. The department offers numerous special events and programs where we have the need for a larger tent.
- Vehicle (Mini-van): Replace the current mini-van due to age, miles and condition of the vehicle.
- Outdoor Event Stage: This is a portable stage pulled by a truck equipped with a roof, sound and lighting capabilities. It is similar to the event stages we have rented for the "Thursday at Seven Concert Series" and "Chriskindlmarkt". The stage makes it easier for the crowd and the bands. It also protects our bands in case of inclement weather and provides a much more professional look to our concerts.
- Vehicle (Passenger Van): Replace 15 passenger van due to age, miles and condition of the vehicle.
- Retractable Bleachers: Replace the current bleachers in the Graham Recreation Center due to maintenance and safety concerns.
- Vehicle (Bus): Replace current bus with a new bus.
- Basketball Goals: Replace the basketball goals in gym 1 of the Graham Recreation Center. The mechanisms will wear out through normal wear and tear and need to be replaced.
- Greenways: Continue with the planning and development of the city greenway system.
- Gym Floor: The tile floors in both gyms will need to be replaced due to normal wear and tear.
- Recreation Center: Begin construction of new indoor and outdoor athletic facilities. New facilities will be needed to accommodate the increase in users.
- Customer Service Representative: Make the part time customer service representative position at the Graham Recreation Center into a full time position. This position answers the phone, assists the public with general questions and adds clerical assistance to the staff.
- Athletic Specialist: This is an assistant to the Athletic Supervisor to help offer the athletic programs. The specialist will assist the supervisor in sport preparations, implementation and personnel supervision.
- Rec. Center Supervisor: Supervisor for new and likely larger facility
- Asst. Rec. Center Supervisor: Assistant to additional Rec. Supervisor.
- Maintenance Supervisor: Additional position for a new facility.

6200-Recreation

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Land Acquisition						1,250,000		1,250,000
Haw River Trail		15,000	150,000				40,000	205,000
Vehicle (Truck w/ 8' bed)		14,000						14,000
Portable Sound System		5,600						5,600
Event Tent (40' x 60')		7,000						7,000
Vehicle (Mini van)			16,000					16,000
Outdoor Event Stage				30,000				30,000
Vehicle (Passenger Van)				20,000				20,000
Retractable Bleachers				22,000				22,000
Vehicle (Bus)					62,000			62,000
Basketball Goals					10,000			10,000
Greenways							10,000	10,000
Gym Floor							70,000	70,000
Recreation Center							4,500,000	4,500,000
								0
Customer Service Rep.				22,000				22,000
Athletic Specialist						25,000		25,000
Rec. Center Supervisor							35,000	35,000
Asst. Rec. Center Supv.							30,000	30,000
Maintenance Supervisor							22,000	22,000
SUBTOTAL		41,600	166,000	94,000	72,000	1,275,000	50,000	4,657,000
								6,355,600

6210-Graham-Mebane Lake

- 
40' x 60' Dock: This will be a floating dock to anchor boats at the ramp during put in and take out. During peak seasons we simply do not have enough docks for boaters to tie up and get their vehicles, thus creating an unsafe situation with boats waiting in the bridge and take out areas.
- 
Replace Buoys: This will replace all 58 buoys including their weights, cable and hardware. This is needed due to their years of wear and the life of the buoys.
- 
12' x 12' Office Building: The current Marina Building was not built with any office space, thus the warden has maintained a desk and files in the storage area next to the restrooms. It is not a very appropriate space for conducting business with the public or simple every day office tasks. The request would build a specific office area for the lake Warden to conduct business.
- 
75' Fishing Pier: This is a new fishing pier for bank fishing. It will be designed like the current fishing pier that was built with matching funds from the Division of Water Resources. We will try to acquire another grant to help pay for this pier as well. Bank fishing numbers have risen significantly over the last several years and adding a pier would help preserve our bank areas.
- 
21' Boat w/ 120hp motor: Replace current boat used by staff for patrolling.
- 
Repair Ramps: Make repairs on ramps due to erosion and wear.

- Land Acquisition: This would be the acquisition of the 5 acres owned by Mrs. Bason at the left of the old dam. She currently does not have access to the property. The city would be able to use the property for a picnic area.
- 39' x 20' Shelter: The current shelter is a popular area for lake users. We would like to build another shelter to accommodate the growth in lake use.
- Truck: At this point the truck will be about 20 years old. Although it is in good shape and has fairly low miles in 2005, it will need to be replaced by 2014.
- Bank Erosion Control: The bank will have last been stabilized in 2005. This would allow for more erosion control measures to be taken on the bank areas consisting of vegetation and rip rap.

6210-Graham-Mebane Lake

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL	
40' x 60' Dock						6,000		6,000	
Replace Bouys		7,500						7,500	
12' x 12' Office Building			13,000					13,000	
75' Fishing Pier				15,000				15,000	
21' Boat w/ 120hp motor					20,000			20,000	
Repair Ramps					5,000			5,000	
Land Acquisition							125,000	125,000	
39' x 20' Shelter							20,000	20,000	
Truck							15,000	15,000	
Bank Erosion Control							10,000	10,000	
								0	
								0	
SUBTOTAL		7,500	13,000	15,000	25,000	6,000	125,000	45,000	236,500

6450-Property Maintenance

- Linwood Cem. Resurfacing: Resurfacing of all drives.
- Cooke Park Resurfacing: Resurface all parking areas and roads.
- Tractor Shed: Replace existing shed due to damage incurred over the years by trees and limbs falling on it and causing severe structural damage.
- GMP Resurfacing: Roads are beginning to show signs of wear. They need to be topped before they get too bad.
- Dirt & Equip. Shed GMP: Construct a shed to house equipment and have storage for dry dirt to be used backfilling graves. Currently we are parking equipment at the wastewater plant. It would be much better to house equipment on site.

- Utility Vehicle (South Park): Off-road utility vehicle at Cooke Park for trash collection, trail maintenance, etc. Move current Cushman cart to South Park for same use.
- ZTR Mower: Mower for Middle School Complex
- Auto Leaf Truck: Purchase leaf collector to be mounted on an existing chassis.
- Brush Chipper: Replace chipper purchased in 1989. New chipper will be of a larger capacity.
- Vehicle (Crew Cab): To replace 1995 model.
- Tractor w/ Boom Mower: Replace our current mower that was purchased in 1985. The old tractor has no cab or protection for operator. The new tractor will have full cab protection. Tractor would be used for road shoulders and right-of-ways. Old tractor will make an excellent heavy mowing tractor.
- Backhoe: Replace 1991 model for use at Cemetery.
- Aerator/Seeder: For use on fields and opens spaces for seeding.
- Tractor (Compact Mowing): Will replace 1988 model.
- Vehicle (3/4 ton): Will replace 1989 model.
- Dump Truck (2 ton): Will replace 1999 model. Truck is used by other departments.
- Tractor Loader 4WD: Will replace 1974 tractor/loader.
- Dump Truck (3/4 ton): Will replace a 1997 model.
- Aerator (Walk Behind): Replace a 1992 model to be used at City Hall, Police Dept., Library, etc.
- Cooke Park Trail: Planning and construction of a perimeter trail at Cooke Park.
- Spectator Seating: Replacement of old and unsafe seating.
- New Parking Lot Cooke Park: Help lack of parking at lower fields at Cooke Park.
- Gates and Fencing: Replace the aging fencing on tennis courts that have become compromised through the years.
- Dugouts: Construct new dugouts at Cooke Park and Goley Street. The fields currently have dugouts that are too small and need roofs. IN 2004/2005 roof was added to Field 1 at Cooke Park with financial assistance from the youth athletics parent volunteer group. We need to finish this process and get the other fields updated.
- Dog Park: Build a dog park in the city. The recreation commission has appointed a sub-committee to provide details regarding the development, the need and placement for a dog park. The committee is expected to present their recommendations to the Recreation Commission in 2006.
- Re-Color Tennis Courts: Courts must be patched and re-colored every 4-6 years to maintain integrity and safety. The courts were last re-colored in 2005.

- **Scoreboards:** Replace the scoreboards at the Cooke Park fields. These boards were put in before 1995 and are showing their age both visually and operationally.
- **Apollo Track:** Construct an asphalt track at the Apollo Field facility around the football/soccer field. This should complete the needed renovations at this facility.
- **Playgrounds:** Conduct a complete renovation of playgrounds, replacing any equipment that no longer meets playground safety criteria. This includes replacing playground pieces and surfacing where needed.
- **Tennis Court Resurfacing:** Cooke Park courts will need to be completely resurfaced due to normal wear and tear as well as the shifting that occurs under those specific courts.

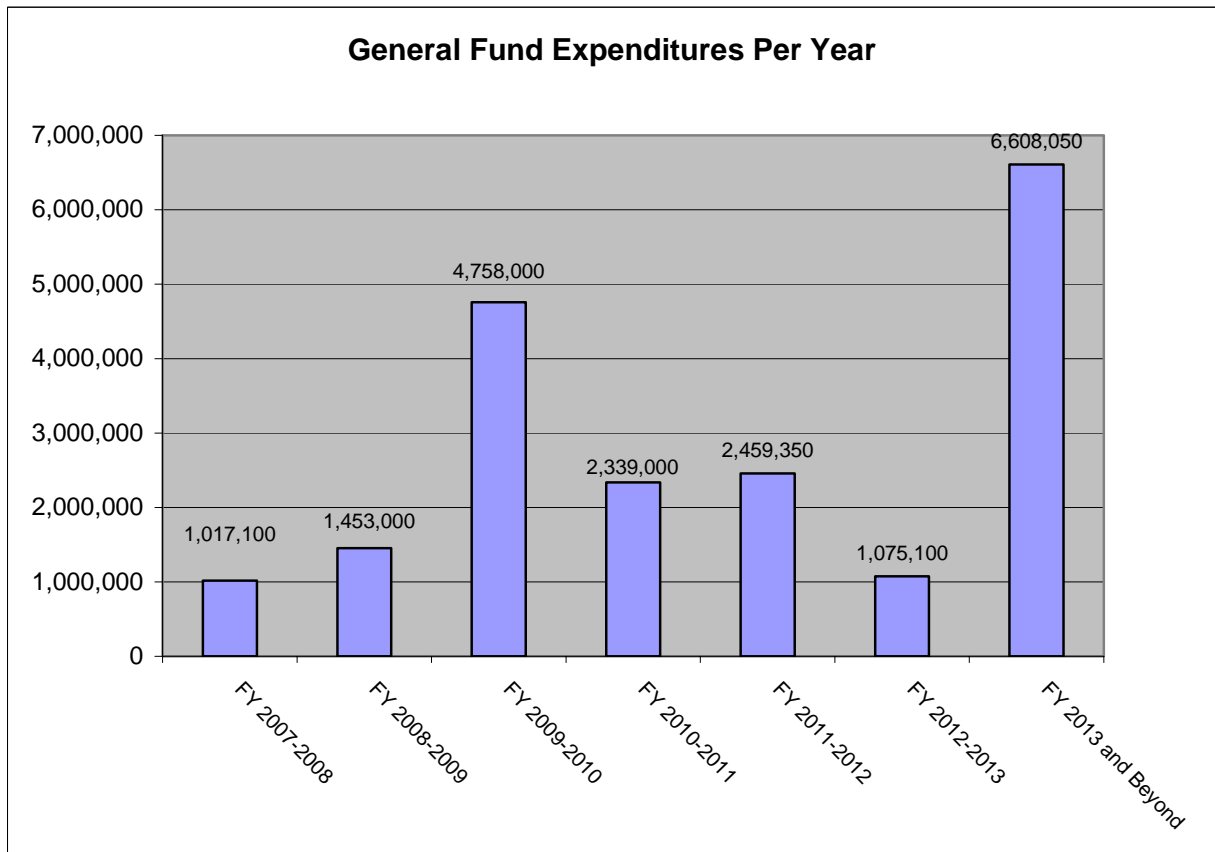
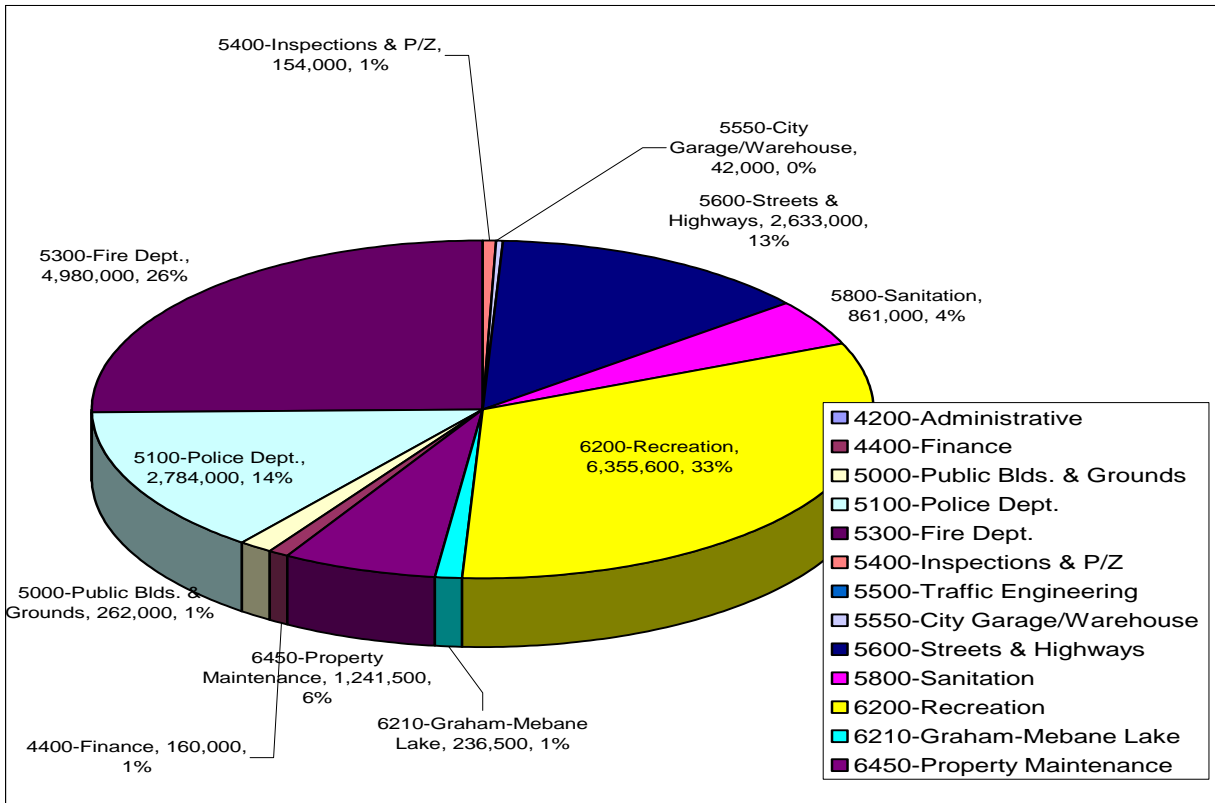
6450-Property Maintenance

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Linwood Cem. Resurfacing				10,000				10,000
Cooke Park Resurfacing			36,000					36,000
Tractor Shed	20,000							20,000
GMP Resurfacing			12,000					12,000
Dirt & Equip. Shed GMP			15,000					15,000
Utility Vehicle (South Park)			12,000				12,000	24,000
ZTR Mower	14,000	7,000	14,000	7,000	14,000	7,000	35,000	98,000
Auto Leaf Truck		60,000					60,000	120,000
Brush Chipper				75,000				75,000
Vehicle (Crew Cab)	30,000							30,000
Tractor w/ Boom Mower	65,000							65,000
Backhoe						55,000		55,000
Aerator/Seeder	8,000							8,000
Tractor (Compact Mowing)	16,000			16,000		16,000		48,000
Vehicle (3/4 ton)			20,000					20,000
Dump Truck (2 ton)							60,000	60,000
Tractor Loader 4WD					31,000			31,000
Dump Truck (3/4 ton)							25,000	25,000
Aerator (Walk Behind)				5,000				5,000
Cooke Park Trail	110,000							110,000
Spectator Seating	9,000	9,000	9,000	9,000	9,000	9,000	9,000	63,000
New Parking Lot Cooke Park	21,500							21,500
Gates and Fencing			15,000		20,000			35,000
Dugouts			10,000					10,000
Dog Park			25,000					25,000
Re-Color Tennis Courts					20,000			20,000
Scoreboards					10,000			10,000
Apollo Track							60,000	60,000
Playgrounds							85,000	85,000
Tennis Court Resurfacing							45,000	45,000
SUBTOTAL	293,500	221,000	129,000	97,000	94,000	161,000	246,000	1,241,500

General Fund Summary and Charts


General Fund Summary


	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
4200-Administrative	0	0	0	0	0	0	0	0
4400-Finance	30,000	20,000	0	15,000	31,250	10,000	53,750	160,000
5000-Public Blds. & Grounds	112,000	100,000	0	50,000	0	0	0	262,000
5100-Police Dept.	181,500	353,000	220,000	1,046,000	128,100	354,100	501,300	2,784,000
5300-Fire Dept.	32,000	200,000	3,335,000	703,000	340,000	70,000	300,000	4,980,000
5400-Inspections & P/Z	12,000	20,000	50,000	15,000	27,000	5,000	25,000	154,000
5500-Traffic Engineering	0	0	0	0	0	0	0	0
5550-City Garage/Warehouse	0	0	35,000	0	7,000	0	0	42,000
5600-Streets & Highways	307,000	265,000	695,000	195,000	276,000	300,000	595,000	2,633,000
5800-Sanitation	0	95,000	185,000	121,000	275,000	0	185,000	861,000
6200-Recreation	41,600	166,000	94,000	72,000	1,275,000	50,000	4,657,000	6,355,600
6210-Graham-Mebane Lake	7,500	13,000	15,000	25,000	6,000	125,000	45,000	236,500
6450-Property Maintenance	293,500	221,000	129,000	97,000	94,000	161,000	246,000	1,241,500
								0
								0
GF TOTALS	1,017,100	1,453,000	4,758,000	2,339,000	2,459,350	1,075,100	6,608,050	19,709,600





Water/Sewer Fund

4500-Adm. Water Billing & Meter Reading

-  **Software Upgrades:** Upgrade of existing utilities and cash collections software to a Windows-based application w/ hopes of adding features such as credit card transactions. Upgrades to other modules as they become available. Cost is shared with Finance, 70% of the cost is in Finance and 30% in Water Billing

-  **Truck:** Replacement of 1999 truck for meter reader.


-  **Itron Handheld:** Additional handheld electronic device used to record and transmit meter readings. The City currently has one device and the addition would facilitate meter reading by more than one individual.


-  **Meter Replacement (Phase 2):** The replacement of the remaining 40% of the City's water meters with Automated Meter Reading (AMR) Technology. New meters and the AMR technology together are proven to be more accurate and efficient. Will afford the City the ability to generate bills on a monthly basis.

4500-Adm. Water Bill & Meter

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL	
Software Upgrades (30%)						6,250		6,250	12,500
Truck	18,000							18,000	36,000
Itron Handheld	5,000					5,000		5,000	15,000
Meter Replacements (Phase 2)	300,000							0	300,000
								0	0
								0	0
SUBTOTAL	323,000	0	0	0	0	11,250	0	29,250	363,500

4600-Water & Sewer Distribution

-  **Staley St.:** Staley Street has two sewer mains. The customers on the right are served by a main that runs under the homes. All the homes on the left are served by a 4-inch main at the roadside. Proposal is to lay a new PVC main down Staley Street and service all homes out the front. Flow will go to Whitsett Street. Lay a main from the intersection to New Street and tie onto New Street. This line will service Whitsett Street and allow the city to abandon the outfall main behind the homes on Whitsett that causes problems.

-  **Montree Ln.:** Montree lane has a 6-inch water main that extends only halfway up the street. The remainder is serviced by a 2-inch galvanized pipe and has been repaired in several locations. Recommendations are to tie onto the 6-inch and extend to the end of road and set a new hydrant.

- Auto Park Dr.: The Fire Department has voiced concern about inadequate fire flow for the car lots on Auto Park Drive. Recommendations are to tie the two dead-end exiting mains together with an 8-inch main and add two (2) hydrants. This would loop the system in this area and eliminate dead ends and provide necessary fire protection.
- Colonial Hardware: There is a sewer main that runs underneath Colonial Hardware and services several businesses on North Main St. Recommendations are to add two manholes in parking lot and relocate main beside building out to E. Elm St.
- E. Gilbreath St.: The Fire Department has requested that the water main be extended 500 feet down E. Gilbreath at Ray St. and a Hydrant be installed to provide better fire protection for the Housing Authority.
- Whitsett & Climax: There is an outfall main that is located under the corner of a house at the intersection of Whitsett and Climax streets. Recommendations are to add 3 manholes and shift pipe location to the side of the house.
- Providence Rd.: Several houses on the south side of Providence Road are serviced by a main that is located underneath these residences. Recommend the city install new main and manholes at road right-of-way. Reconnect services to new line and abandon old line.
- Truck 874 Big Dump: Replace large dump truck.
- Truck 888: Replace truck #888
- Mowing Tractor: New mowing tractor. It is recommended to eliminate this and either contract the mowing of outfall lines or relinquish these responsibilities to the city's property maintenance department.
- Truck 877 Service: Replace Truck #877.
- Ford Backhoe: Replacement of Ford Backhoe.
- Air Compressor: Replacement of Air Compressor.
- Boring Machine: Replacement of Boring Machine.
- Jett/Vac Truck: Replacement of Jet machine and Vacuum machine with combo truck.
- New Holland Hoe: Replacement of New Holland Backhoe.
- Camera Trailer: Replacement of Camera Trailer.
- Rod Machine: Replacement of Rod Machine.
- Truck 870: Replacement of Truck #870.
- Elevated Storage Tank: Currently the city exceeds the State minimum requirement for adequate storage with the ground storage tanks at the water plant; however this water must be pumped before it is actually available for use. In one respect, the more elevated storage the city has, the more immediately available water it has. With the new D/DBP rules, the amount of excess water may trigger non-compliance issues. Storage and compliance are becoming a balancing act for many utilities. This would definitely need to be determined by Engineering and Hydraulic studies.

- HWY 70 10" Renewal: The City of Graham utilizes a 10 inch main that runs from the water treatment plant in Haw River to Parker St. in Graham. This is an old cast iron pipe with lead joints. We currently experience several leaks on this line each year. Aside from possible problems with lead joints, this line is the only water supply for the Green Level community. This is a high priority line and, if funded, would eliminate the previous recommendation for valve insertions on this line.
- Lorraine/ Moore St.: Lorraine Street lift station is nearing replacement. Recommend eliminating this sewer lift station and routing Loraine Street sewer to Moore Street.
- New Facility: Currently the conditions at Public Works are crowded. I am recommending the Distribution and Collections department be relocated to the back side of the Wastewater Treatment Plant. This would free up needed area for the Public Works Department, allow the Distribution and Collections department to have everything under one roof and also place them in close proximity to the Utility Director.
- HydroStop: There are instances in which the water mains, hydrant legs, etc. cannot be cut off or isolated for repair. A Hydrostop is recommended to resolve this problem.
- Full Time Position: Based on the volume of work, provisions to meet mandated State requirements, and to provide the necessary services for system sustainability, I am recommending that one additional utility worker position be added to this department. This would bring the total employment in this department to 10 personnel which includes the existing Superintendent and Supervisor. Plans are to take part of the crew and let them be dedicated to routine systems maintenance which would include cleaning and jetting sewer mains, close-caption television recording of mains, flushing dead-end mains, checking chlorine residuals, valve exercise program and cleaning valve boxes. As this crew actively locates system deficiencies, the other crew would schedule repair and continue to handle all the other duties previously listed in this CIP.

4600-Water & Sewer Distribution

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Staley St.	110,000						0	110,000
Montree Ln.				40,000			0	40,000
Auto Park Dr.						90,000	0	90,000
Colonial Hardware					45,000		0	45,000
E. Gilbreath St.				20,000			0	20,000
Whitsett & Climax					30,000		0	30,000
Providence Rd.			60,000				0	60,000
Truck 874 Big Dump		60,000					0	60,000
Truck 888		40,000					0	40,000
Mowing Tractor	31,000						0	31,000
Truck 877 Service		40,000					0	40,000
Ford Backhoe			65,000				0	65,000
Air Compressor				20,000			0	20,000
Boring Machine					20,000		0	20,000
Jett/Vac Truck						280,000	0	280,000
New Holland Hoe							70,000	70,000
Camera Trailer							80,000	80,000
Rod Machine		38,000					0	38,000
Truck 870			30,000				0	30,000
Elevated Storage Tank							2,000,000	2,000,000
HWY 70 10" Renewal							1,950,000	1,950,000
Lorraine/ Moore St.	80,000						0	80,000
New Facility		400,000					0	400,000
HydroStop				25,000			0	25,000
Full Time Position	35,000						0	35,000
SUBTOTAL	256,000	578,000	155,000	105,000	95,000	370,000	4,100,000	5,659,000

4700-Maintenance & Lift Station

- Haw River Lift Station Roof: Replacement of roof.
- Boyd Creek lift Station: Constructed in 1957. All the valves were replaced in 2001. Currently one pump is in need of repair and will be done in this current budget year. All piping and electrical will need upgrading.
- Lorraine Street Lift Station: Although not currently listed in the CIP, it was constructed in 1968. This is a pneumatic lift station. The receiver tank was replaced in 2002. This station is currently in need of replacement. Recommendations are to eliminate this station and transfer the Lorraine Street sewer to the Moore street line. This amount will be placed in the Distribution and Collection CIP.
- Pyrtle Drive Lift Station: Constructed in 2000. No major upgrade is anticipated in the near future. Replace pumps, piping, instrumentation, and electrical circuitry.
- Spare Pumps: Collection System Permit regulations require the inclusion of spare pumps for the lift stations.
- Vehicles: Vehicles in this department include a 2000 pickup, 1989 pickup, and a 1998 Service truck. A replacement truck for the 1989 pickup has been ordered and will be replaced in the current budget year.

4700-Maintenance & Lift Station

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Haw River LS Roof				8,000				8,000
Boyd Creek Lift Station			50,000					50,000
Pyrtle Drive Lift Station							40,000	40,000
Spare Pumps	20,000							20,000
Vehicle (2000 Pick-up)						20,000		20,000
Vehicle (2006 Pick-up)							20,000	20,000
Vehicle (1998 Service Truck)				40,000				40,000
Cherry Lane Lift Station								0
								0
								0
SUBTOTAL	20,000	50,000	8,000	40,000	0	20,000	60,000	198,000

4800-Water Treatment Plant

- Raw Water & Finished Water Pumps:** Currently the treatment plant can utilize a single pump to meet the demand for raw water and a single pump to meet the demand of finished water. Once the demand of either exceeds capacity, capital improvements will be required to increase capacity of these pumps to reduce energy costs that would be required to run multiple pumps. This needed improvement will be solely based on the rate of growth and based on historical usage will not need to be considered until the next major facility upgrade in the year 2023.
- Carbon Feed System:** As the lake ages, the treatment plant is expected to have increased problems with taste and odor of the finished water. Recommendations include the installation of Powdered Activated Carbon into the process. Powdered Activated Carbon adsorbs organic compounds associated with taste and odor and aids in decreasing Total Organic compounds.
- Ozone System:** Chloramination was added during the recent 2003 plant upgrade. Although Chloramination significantly reduced concentrations of Total Trihalomethanes (TTHMs) and Halo acetic Acids (HAAs), additional treatment may be required to meet proposed Stage 2 Disinfection/Disinfection By-Products (D/DBPs) and Long Term 2 Enhanced Surface Water Treatment (LT2ESWTR) rules. These rules will affect the City of Graham in 2007. Alternative disinfection technologies may have to be considered and added to meet these new requirements. Current NCDENR approved technologies include Membrane Filtration and Ozone. The recent upgrade provided a footprint location for the addition of an Ozone Generator, should regulations require it to be added. A pilot study to test any disinfection alternative would be considered prior to process installation. Ozone is the most effective disinfectant to inactivate *Giardia* and *Cryptosporidium*. Additionally Ozone improves the taste and odor of the finished water by oxidizing taste and odor causing compounds in the Raw Water. Should determination be made that Ozone is required; the city could possibly drop the improvement plan suggested for Powdered Activated Carbon.
- Filter Rehabilitation:** It is recommended that media in our filters be replaced about every 8 to 10 years or earlier if needed. A Comprehensive Performance Evaluation was recently completed and, as a result, a determination was made that the two filters in the old side of the treatment plant have significant

media loss. These two filters were not part of the 2003 plant upgrade. Media was last replaced in these filters in 1998.

- **SCADA Upgrade:** The Water Treatment Plant is operated by a Supervisory Control and Data Acquisition (SCADA) system. With rapid advancements in technology, this system will require upgrades every 5 years.
- **Clean/Inspect Clearwells:** NCDENR recommends that water storage tanks be inspected, cleaned, and disinfected on a routine basis of approximately 3 to 5 years. The addition of another clearwell in 2002 greatly reduces the cost of this procedure as before we could not take the unit out of service, therefore specially equipped divers had to essentially vacuum the clearwell while still in service.
- **Truck/Car:** The Graham-Mebane Water Plant is currently supplied with one vehicle for operations and one vehicle for the Utility Director. Plant vehicle is a 1998 pickup and Director’s vehicle is a 2005 Impala.
- **Plant Upgrade:** Major Treatment Plant upgrades will be determined by two situations, capacity increase or age. Major facility improvements are not expected to be considered until 2023.

4800-Water Treatment Plant

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Raw Water Pumps							150,000	150,000
Finished Water Pumps							120,000	120,000
Carbon Feed System			400,000				0	400,000
Ozone System					3,750,000		0	3,750,000
Filter Rehabilitation							330,000	330,000
Scada Upgrade	6,000						6,000	12,000
Clean/Inspect Clearwells		5,000				5,000	30,000	40,000
1998 Truck					20,000		20,000	40,000
2005 Car							40,000	40,000
Plant Upgrade							18,000,000	18,000,000
							0	0
							0	0
SUBTOTAL	6,000	5,000	400,000	20,000	3,755,000	6,000	18,702,000	22,894,000

5900-Wastewater Treatment Plant

- **Clarifiers:** Existing Secondary Clarifiers have been in service since 1979. One clarifier is currently out of service and scheduled to be rehabilitated during the current budget year. The other three need to be scheduled for rehabilitation prior to failure.
- **Influent Pumps:** The WWTP upgrade included new raw water influent pumps that are beginning to fail. While engineers are seeking retribution for the apparent short life of these pumps, consideration needs to be given to replacement with another brand of pump. The facility has four of these pumps.
- **EA Aerators:** The extended aeration basins are the “heart” of the biological wastewater treatment process. Replacement of four 75 horsepower mechanical aerators should be considered.

- BNR Process: Pending regulatory requirements for Nutrients, Biological Nutrient Removal (BNR) processes will be required to be constructed. Advanced secondary treatment will also have to be added with the BNR process. Whatever the immediate outcome, nutrient concentrations is a National issue and it is inevitable that the city will face new compliance limits which will mandate construction of BNR.
- Class “A” Biosolids: Future EPA 503b regulation regulates the operation of the City’s Land Application of BioSolids program. The city currently produces a class “B” biosolid and land applies this product on the city-owned farm which is used to harvest fescue for cattle feed. In the past few years EPA has turned their attention to the production of class “A” biosolids. Class “A” biosolids are actually a marketable product that can be used by the city and the general public without the restrictions of the current class “B” biosolids.
- Dry Sludge Applicator: With Class “A” biosolids, purchase of dry spreading equipment will be needed.
- Hywheeler: If determination is made to continue with Class “B” biosolids, purchase of a Hywheeler will be necessary to replace our current 1981 model Hywheeler.
- Plant Gate: The wastewater treatment facility also houses the police impound yard. Wastewater Treatment employees are on site 24/7/365. For security and monitoring of entry, I am requesting the installation of an automatic gate system.
- SCADA System: Like the Water Treatment Plant, the Wastewater Treatment Plant is controlled by a SCADA system which not only controls the treatment plant but also monitors our sewer lift stations. SCADA system upgrades are requested every 5 years.
- Vehicles: The Wastewater Plant operation uses two (2) pick-up trucks.
- Tanker Trucks: Two (2) 1500 gallon tanker trucks are currently utilized at the WWTP.
- Tractor and Bush Hog: Bush hog & tractor at farm.
- Fence at Farm: The fence along the road frontage at the city farm is in need of replacement. We currently have a post and wire system at this facility. We have had continuous problems throughout the years with individuals cutting the fence to allow entry. Recommendations are to replace the existing system with a 6 foot tall chain link fence with three strands of barbed wire across the top.
- Facility Upgrade: A complete facility upgrade is expected in 2023. If the city has to incorporate BNR in 2012 another major plant expansion is not expected until 2032.
- Influent VFD: Influent Pumps are each controlled by a Variable Frequency Drive (VFD). Anticipated life expectancy is ten (10) years. The request indicates costs for repairs.

5900-Wastewater Treatment Plant

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Clarifiers	80,000	80,000					0	160,000
Influent Pumps							60,000	60,000
EA Aerators						400,000	0	400,000
BNR Process						8,000,000	0	8,000,000
Class 'A' Bio-solids							2,000,000	2,000,000
Dry Sludge Applicator				80,000			0	80,000
Hywheeler				200,000			0	200,000
Plant Gate	12,000						0	12,000
SCADA Syetem						6,000	12,000	18,000
Vehicle (1998 Pick-up)			20,000				0	20,000
Vehicle (2002 Pick-up)							20,000	20,000
Tanker Truck					125,000		125,000	250,000
Tractor & Bush-hog					35,000		0	35,000
Fence at Farm	26,000						0	26,000
Facility Upgrade (2023)							18,000,000	18,000,000
Influent VFD							10,000	10,000
							0	0
							0	0
SUBTOTAL	118,000	80,000	20,000	280,000	166,000	8,400,000	20,227,000	29,291,000

6600-Non-Departmental-Admin.

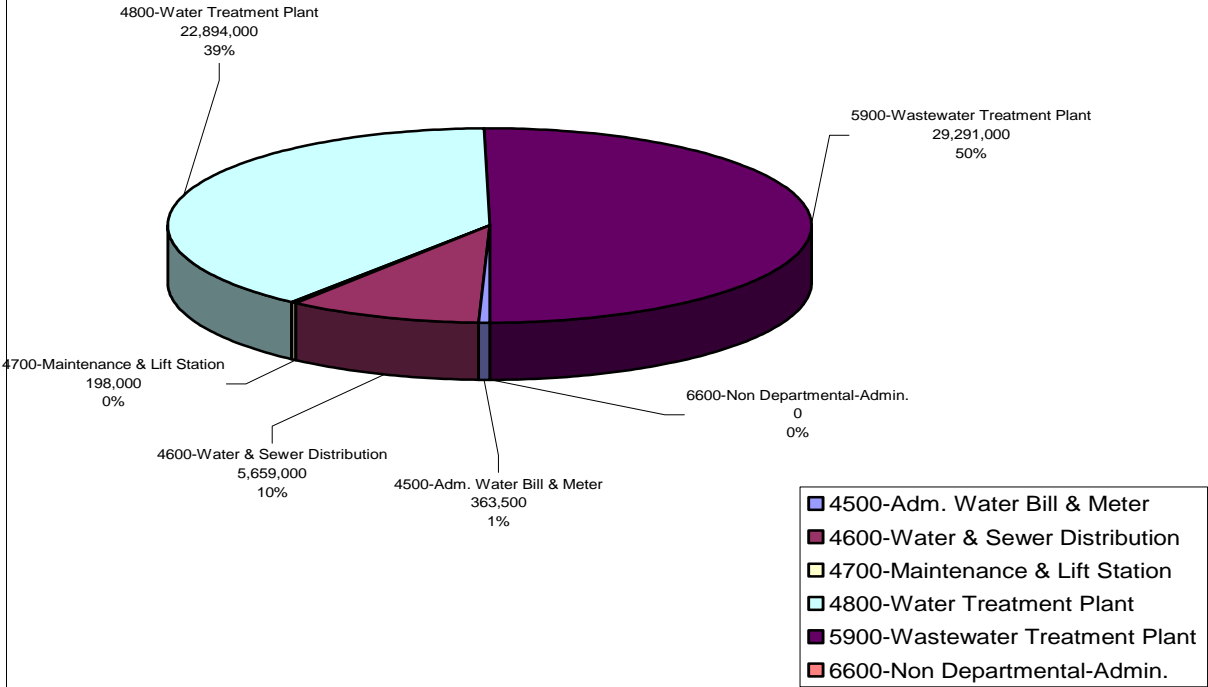
 Currently no requests

Water/Sewer Fund Summary and Charts

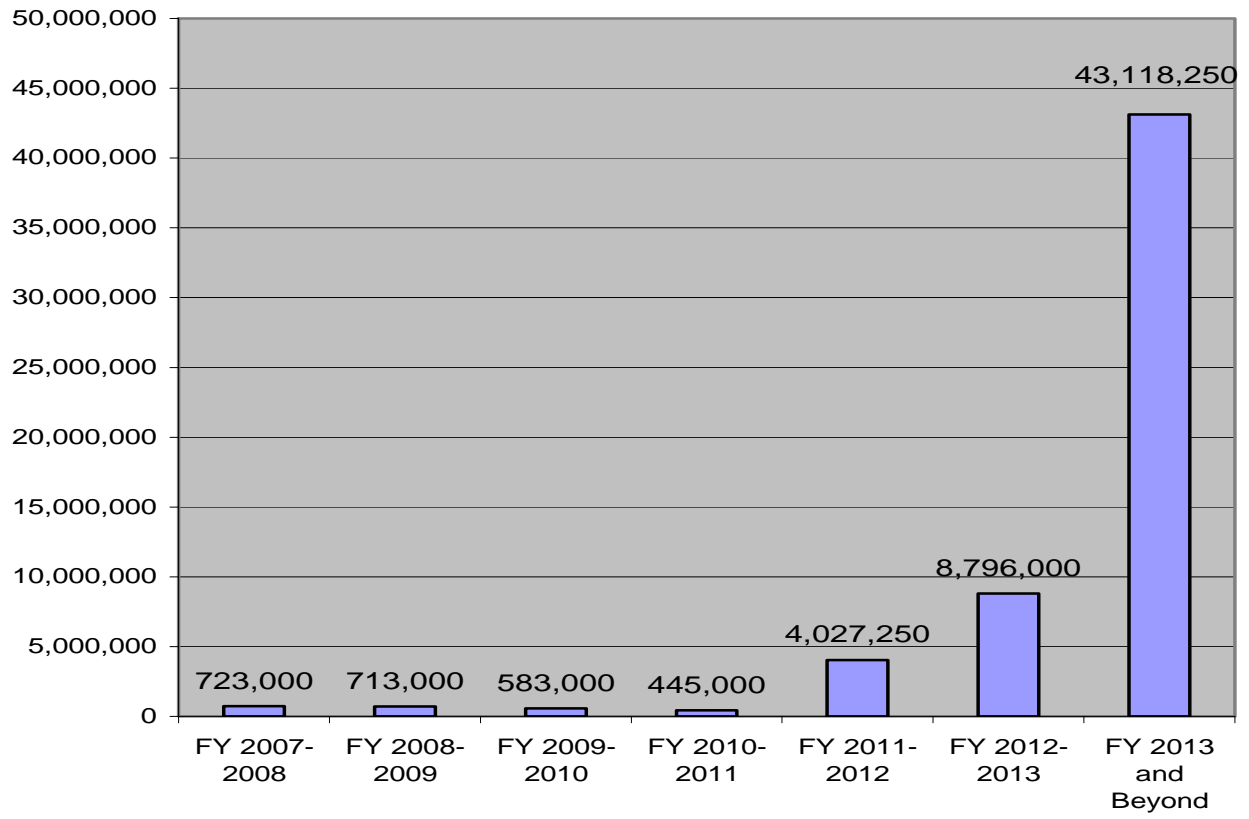
Water/Sewer Fund Totals

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
4500-Adm. Water Bill & Meter	323,000	0	0	0	11,250	0	29,250	363,500
4600-Water & Sewer Distribution	256,000	578,000	155,000	105,000	95,000	370,000	4,100,000	5,659,000
4700-Maintenance & Lift Station	20,000	50,000	8,000	40,000	0	20,000	60,000	198,000
4800-Water Treatment Plant	6,000	5,000	400,000	20,000	3,755,000	6,000	18,702,000	22,894,000
5900-Wastewater Treatment Plant	118,000	80,000	20,000	280,000	166,000	8,400,000	20,227,000	29,291,000
6600-Non Departmental-Admin.	0	0	0	0	0	0	0	0
								0
								0
SUBTOTAL	723,000	713,000	583,000	445,000	4,027,250	8,796,000	43,118,250	58,405,500

Departmental Expenditure as a Percentage of Total Water/Sewer Fund Expenditures



Water/Sewer Fund Expenditures per Year



Garage Fund

6650-City Garage

 Service Truck: A ¾ ton service truck for replacement purposes.

6650-City Garage

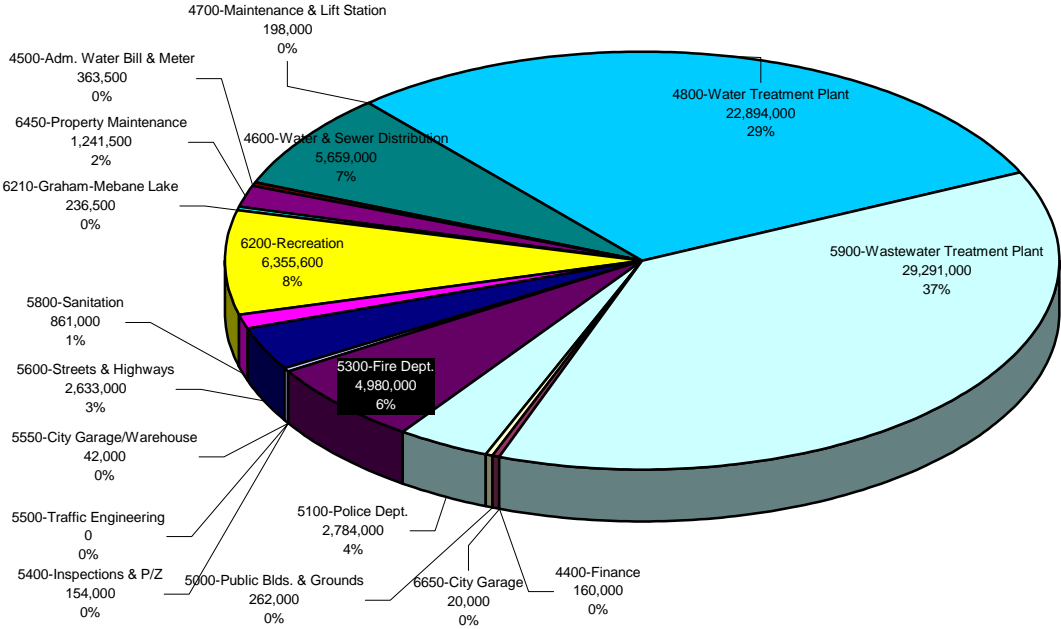
REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
Service Truck	20,000							20,000
								0
								0
SUBTOTAL	20,000	0	0	0	0	0	0	20,000

CIP Cumulative Data and Charts

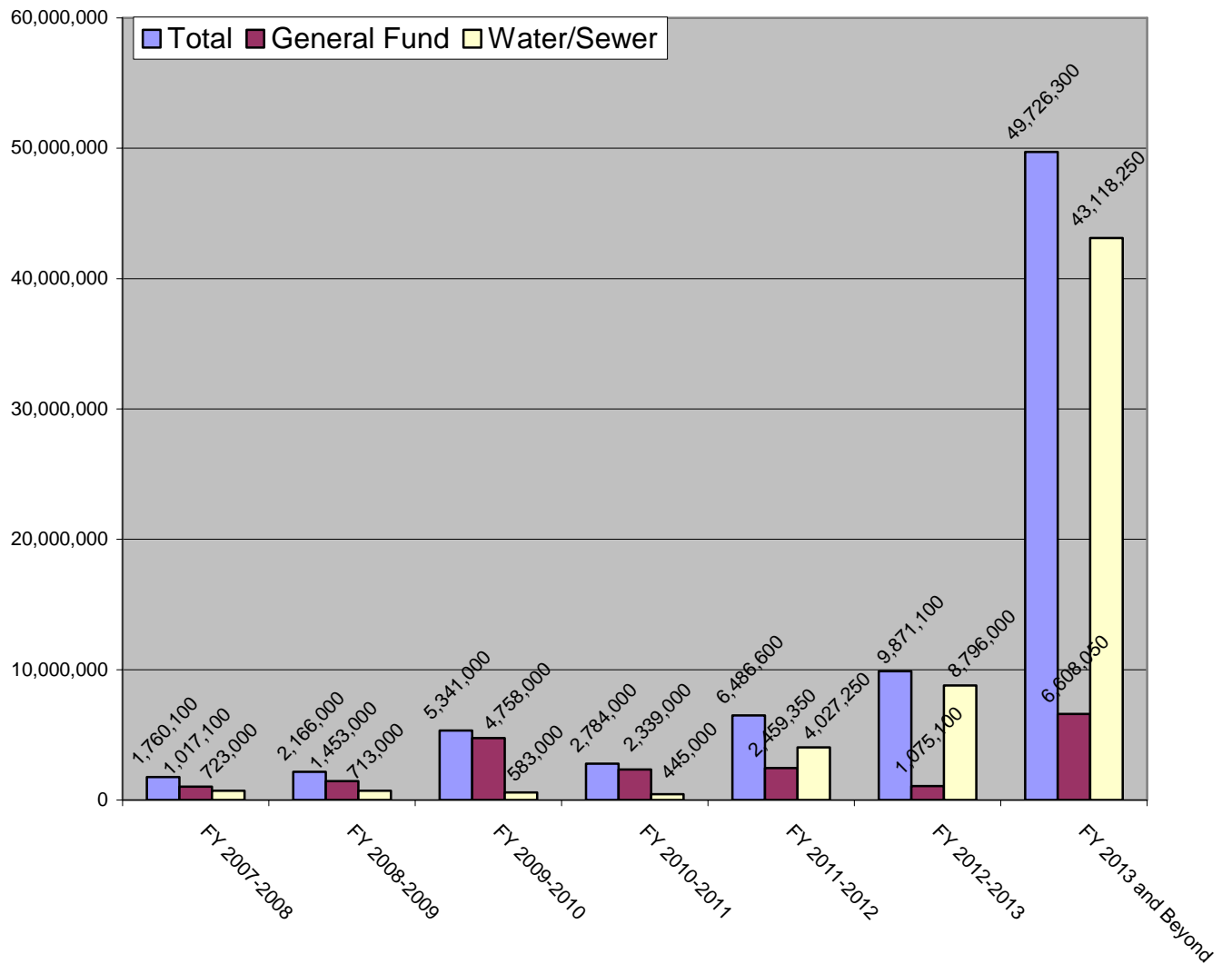
Totals

REQUEST	FY 2007-2008	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013	FY 2013 and Beyond	TOTAL
4200-Administrative	0	0	0	0	0	0	0	0
4400-Finance	30,000	20,000	0	15,000	31,250	10,000	53,750	160,000
5000-Public Blds. & Grounds	112,000	100,000	0	50,000	0	0	0	262,000
5100-Police Dept.	181,500	353,000	220,000	1,046,000	128,100	354,100	501,300	2,784,000
5300-Fire Dept.	32,000	200,000	3,335,000	703,000	340,000	70,000	300,000	4,980,000
5400-Inspections & P/Z	12,000	20,000	50,000	15,000	27,000	5,000	25,000	154,000
5500-Traffic Engineering	0	0	0	0	0	0	0	0
5550-City Garage/Warehouse	0	0	35,000	0	7,000	0	0	42,000
5600-Streets & Highways	307,000	265,000	695,000	195,000	276,000	300,000	595,000	2,633,000
5800-Sanitation	0	95,000	185,000	121,000	275,000	0	185,000	861,000
6200-Recreation	41,600	166,000	94,000	72,000	1,275,000	50,000	4,657,000	6,355,600
6210-Graham-Mebane Lake	7,500	13,000	15,000	25,000	6,000	125,000	45,000	236,500
6450-Property Maintenance	293,500	221,000	129,000	97,000	94,000	161,000	246,000	1,241,500
4500-Adm. Water Bill & Meter	323,000	0	0	0	11,250	0	29,250	363,500
4600-Water & Sewer Distribution	256,000	578,000	155,000	105,000	95,000	370,000	4,100,000	5,659,000
4700-Maintenance & Lift Station	20,000	50,000	8,000	40,000	0	20,000	60,000	198,000
4800-Water Treatment Plant	6,000	5,000	400,000	20,000	3,755,000	6,000	18,702,000	22,894,000
5900-Wastewater Treatment Plant	118,000	80,000	20,000	280,000	166,000	8,400,000	20,227,000	29,291,000
6600-Non Departmental-Admin.	0	0	0	0	0	0	0	0
6650-City Garage	20,000	0	0	0	0	0	0	20,000
								0
								0
TOTAL	1,760,100	2,166,000	5,341,000	2,784,000	6,486,600	9,871,100	49,726,300	78,135,100

Expenditures by Department as Percentage of Total Expenditures



Expenditures by Fund vs. Total Expenditures



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