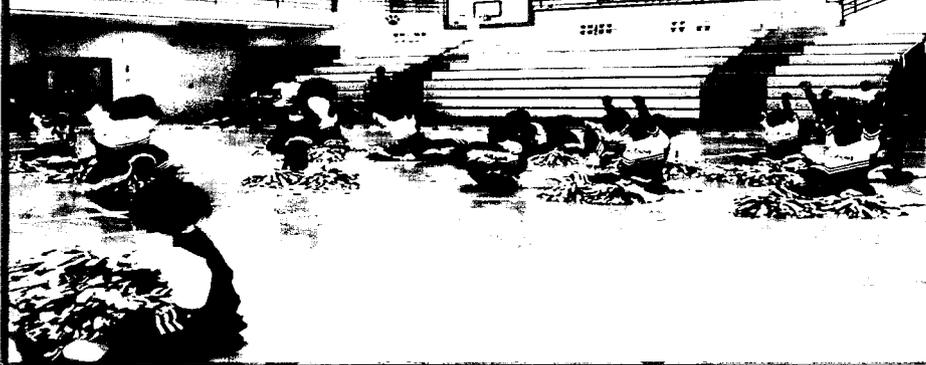
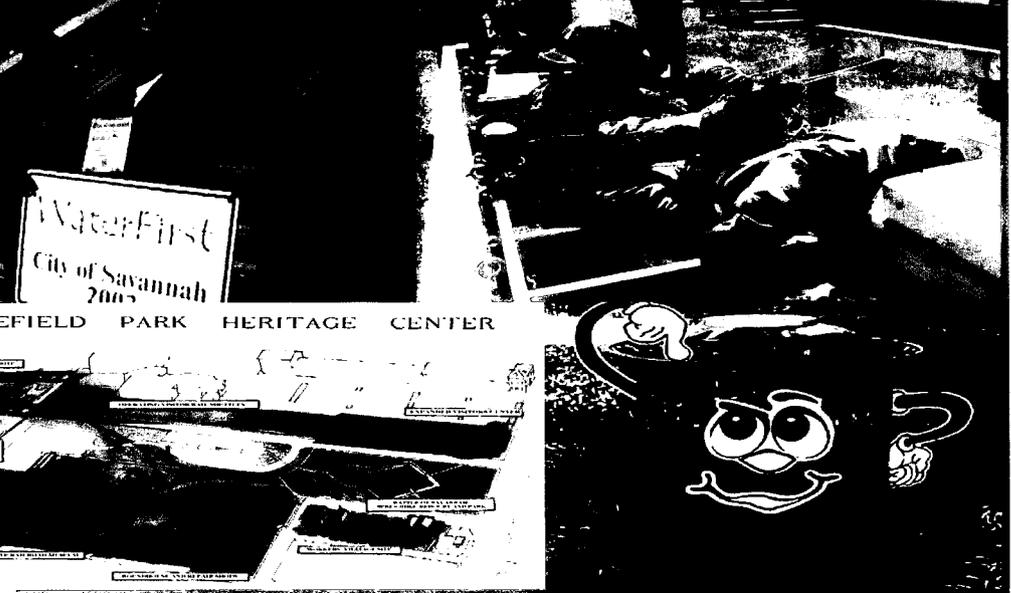


CITY OF SAVANNAH 2003 ANNUAL REPORT



I N T E R	
O F F I C E	M E M O R A N D U M
TO:	Mayor & Aldermen
FROM:	Michael B. Brown, City Manager <i>MBB</i>
SUBJECT:	2003 Annual Report
DATE:	March 2, 2004

Enclosed is a copy of the 2003 Annual Report. This document highlights yearly projects and priorities for bureaus and departments. We projected that there would be challenges; therefore, each bureau was encouraged to cautiously review their programs for 2003. As a result of their diligence, there were many accomplishments and achievements in their work programs. Below is a summary of some of the major initiatives

1. Crime Reduction—The City's crime statistics reveal a reduction in violent crime by 18% and property crime by 11%. This was accomplished through several new initiatives implemented by the department which include Operation Total Focus, K-9 Program, Savannah Impact, Gang Unit, Project CeaseFire, the Narcotics Eradication Team, and the Truancy Prevention Initiative. These programs are part of the SCMPD's strategic action plan used to track progress of these and other initiatives.
2. SPLOST: The City of Savannah negotiated their share of these funds in the amount of \$97.6 million to fund various projects: Drainage - \$51,150,000; Roads/sidewalks - \$13,620,000; Parks, recreation, and greenways - \$22,231,471; Public safety - \$1,300,000; Other capital outlay - \$9,339,424.
3. Fire ISO Rating – The Fire & Emergency Services Bureau retained its ISO 2 rating after an evaluation and survey conducted by the Insurance Service Office. The Fire Department's performance levels and preparation for this rating made a great impression on the ISO in their evaluation.
4. Police Merger – The City of Savannah and Chatham County realized the merger of both police departments into what is now the Savannah/Chatham Metropolitan Police Department effective July, 2003. This department is headed by Chief Dan Flynn. The Mayor, Commission Chairman, City Manager, and County Manager will be the policymaking body for the department.
5. Landfill Expansion -- Notice to proceed was issued to the general contractor in late December 2003 and to the quality control laboratory in January 2004. Both firms have mobilized on-site. The excavation phase of the first of three new lined cells is underway

and progress to date has been satisfactory. As approved by the Environmental Protection Division, this project will ultimately add 2.7 million yards of new disposal capacity to the Dean Forest Road Landfill.

6. Drainage – The Holland Canal Outfall and Wilshire Canal have been completed to improve system capacity. Construction is ongoing for the Lathrop Avenue pump station and Casey South Interceptor, Phase I. Design work has begun for the Tattnall/Alice Street area due to recent flooding.
7. Blight Eradication – Blighted neighborhood conditions experienced throughout our community have been reduced through City and community efforts. Since the perception is that blight is a catalyst that fosters crime, a comprehensive effort has been implemented to attack this problem through various initiatives involving the Property Maintenance Department, SCMPD, the courts, and the community. While we have experienced success in blight reduction, we anticipate greater results through the neighborhood improvement strategies that were recently outlined by City staff.
8. Sanitary Sewer Line Stoppages -- Efficient transportation of sewage to wastewater treatment plants is essential to good customer relations and service delivery. During 2003, there was a 25% reduction in sanitary sewer line stoppages. This was primarily the result of increased sanitary sewer line and lift stations' wet-well cleaning. The installation of new pit-evacuators at targeted wet-wells, grease trap inspections, and public education on proper grease disposal methods were also instrumental in this accomplishment. The combined efforts reduced the amount of grease and trash going into the sewage system. Major benefits include less sewage backups, sanitary sewer on-site service disruptions, and the protection of public health conditions and the natural environment surrounding area waterways.

2003 YEAR IN REVIEW

POLICE

FIRE

4

MANAGEMENT SERVICES

5

PUBLIC DEVELOPMENT

6

FACILITIES MAINTENANCE

7

LEISURE SERVICES

8

SANITATION

9

WATER/SEWER

10

CITY OF SAVANNAH

2003 ANNUAL REPORT YEAR IN REVIEW



Savannah avoids major fiscal problems through pro-active financial planning

Montgomery Council Imposes New Taxes Revenue to Close \$86 Million Gap

By Matthew Mosk and Michael H. Cottman
Washington Post Staff Writers
Thursday, May 15, 2003; Page A01

The Montgomery County Council yesterday approved a series of new taxes that will boost the typical resident's annual burden by roughly \$200 a year and close a budget gap that threatened to wipe out a number of popular social programs.

As Budgets Shrink, Cities See an Impact on Criminal Justice

By FOX BUTTERFIELD

PORTLAND, Ore., June 6 — The Portland police budget has been cut by more than 10 percent three years, and the showing.

140 metro workers could lose jobs Projected budget shortfall forces cuts, mayor says

By JOSEPH GERTH
jgerth@courier-journal.com
The Courier-Journal

Custodians, security guards and mid-level managers are among 140 Louisville metro government employees who could lose their jobs July 1 because of an anticipated budget shortfall of more than \$18 million.

Budget whacked as sales taxes fall

Austin 15% drop in collections in May was worst since 1990s

City workers swell layoff ranks Boston Scientific's Gift Rescues Fremont

Webb calls for cuts in benefits

City workers face sharp reductions

By Cindy Brovsky
Denver Post Staff Writer

Friday, May 02, 2003 - Mayor Wellington Webb proposed \$33.3 million in cuts in benefits to city workers Thursday in what he called the most dramatic shake-up in Denver government since the 1950s.

County prepares 200 pink slips

Layoffs, transfers expected as board tackles huge deficit

By Robert D. Dávila -- Bee Staff Writer - (Published May 21, 2003)

Notices for about 200 Sacramento County employees who could be demoted, moved or sent out of a job are set to go out next month as officials cope with a record budget deficit for the fiscal year starting July 1.

Ax looms for Boulder budget

Proposal for 2004-05 would lay off 100, cut police, human services

By B. Scott Bortnick, Special to The Denver Post
BOULDER - More than 100 employees could lose their jobs under a proposal designed to slice \$13.6 million from the city's proposed 2004-05 budget of more than \$200 million.

Detroit mayor's plan cuts workers

Proposal erases city's 2003-04 budget shortfall

April 15, 2003

BY M.L. ELRICK AND ERIK LORDS
FREE PRESS STAFF WRITERS

Calling on Monday for a leaner city government, Detroit Mayor Kwame Kilpatrick proposed closing six recreation centers and laying off 193 workers to help balance the city's \$1.4 billion general fund budget.

Abramson will trim up to 400 unfilled jobs

By JOSEPH GERTH
jgerth@courier-journal.com
The Courier-Journal

Jerry Abramson said yesterday that he plans to eliminate up to 400 Louisville Metro Government jobs in an effort to close an \$11 million budget gap projected for the next fiscal year.

Municipalities ready for budget cuts

Officials want to know whether Doyle will also veto caps on tax levies

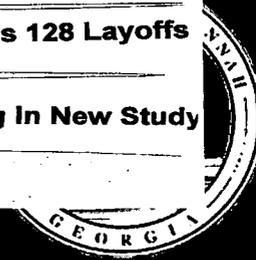
Hampton Roads Transit announces 108 layoffs

By DEBBIE MESSINA, The Virginian-Pilot
© June 18, 2003

Hampton Roads Transit, the regional-bus service, announced Tuesday it will lay off 108 employees when it hires a contractor to run its Handi-Rid service for the disabled this fall.

Providence, R.I., School Board Approves 128 Layoffs

Cities' Economic Plight Seen As Deepening In New Study



SPLOST Referendum passes with overwhelming support

Major Category

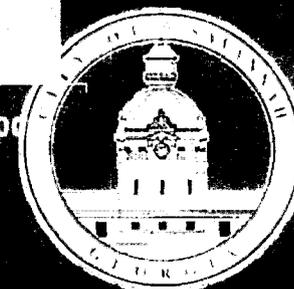
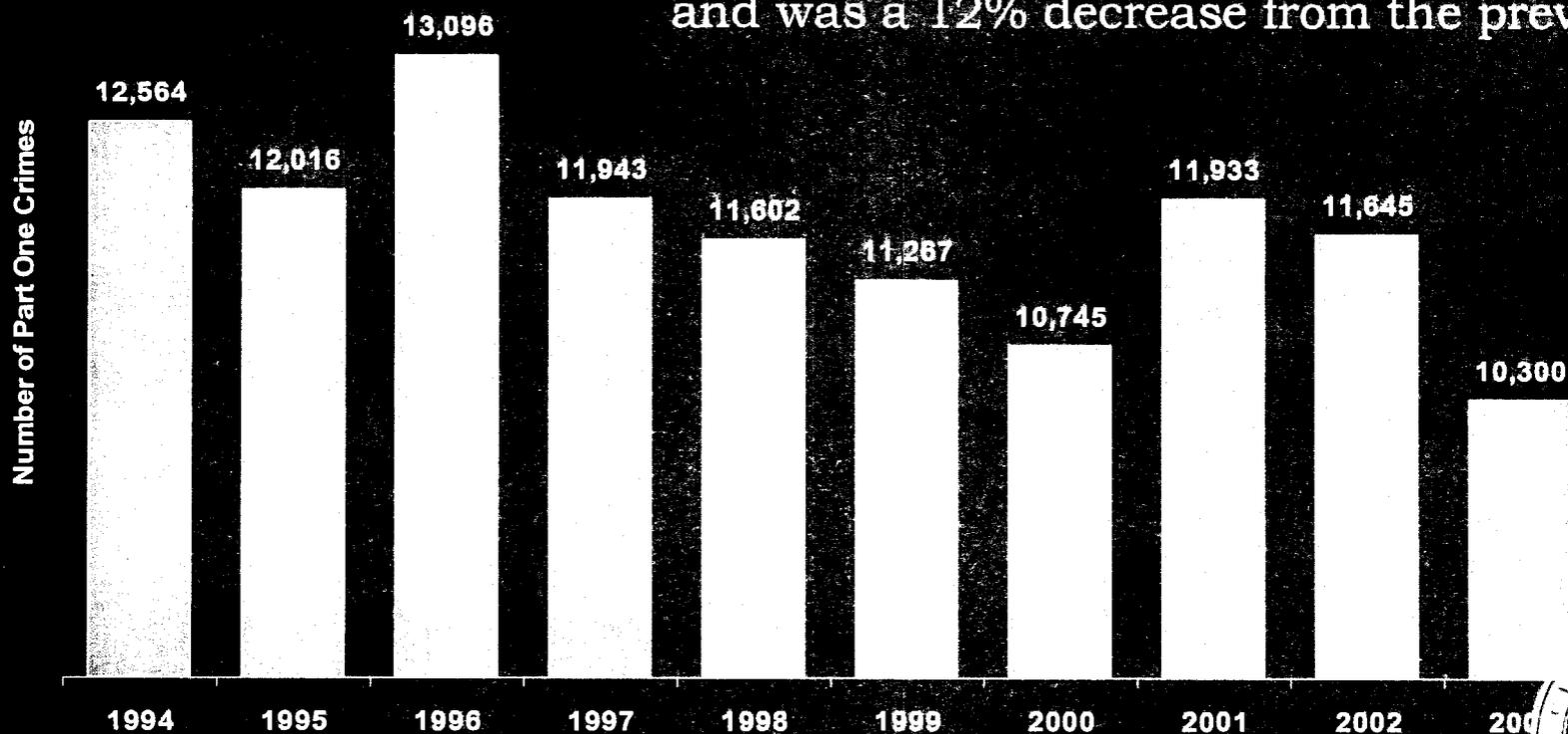
Drainage	\$51,150,000
Roads and sidewalks	13,620,000
Parks, recreation and greenways	22,231,471
Public safety	1,300,000
Other capital outlay	9,339,424
	\$97,640,895



Overall Crime Stats

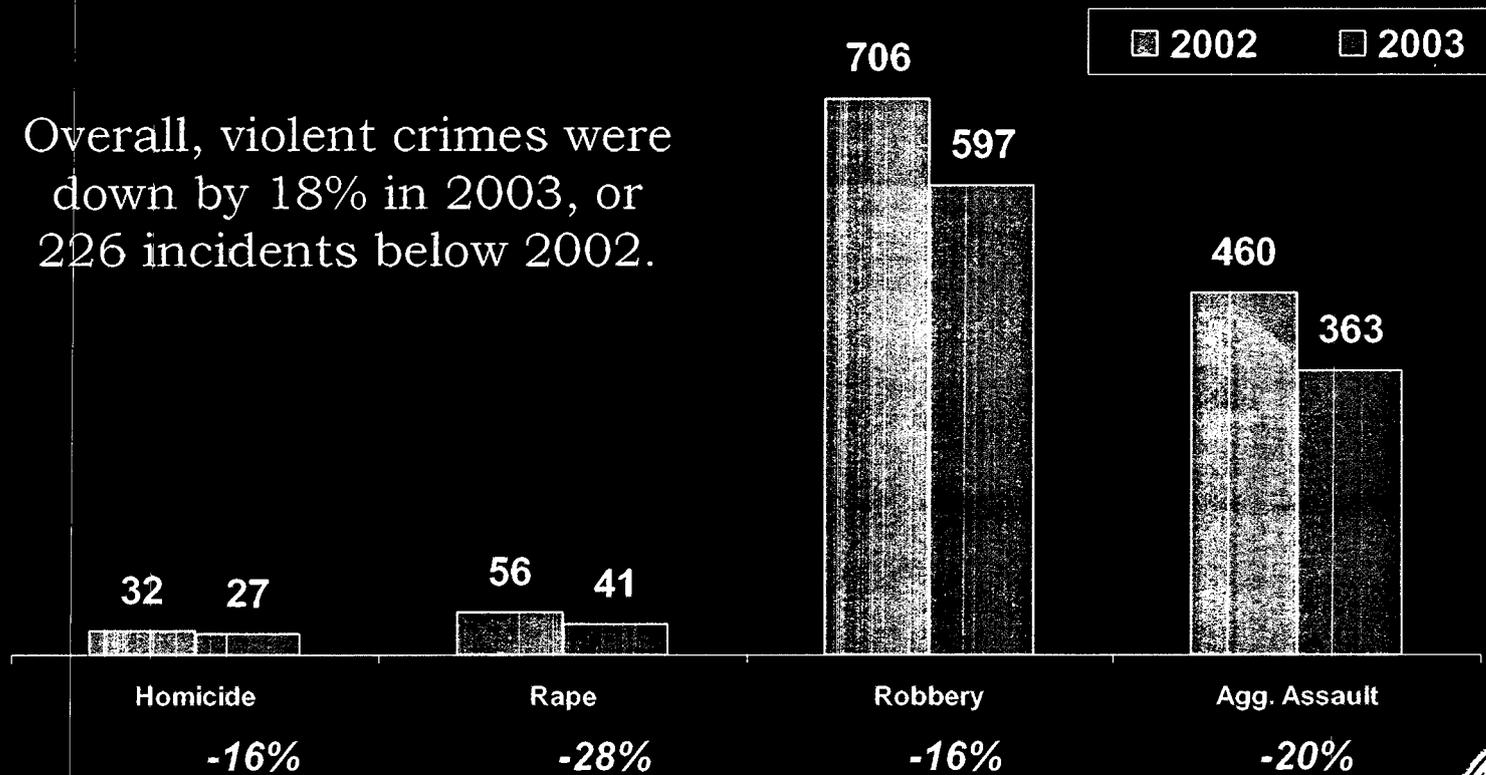
10-year Trend

In 2003, the number of crimes in Savannah dropped to its lowest total in 25 years. The 10,300 Part I crimes in 2003 is the lowest total since 1978. and was a 12% decrease from the previous year.



Violent Crime 2002 vs. 2003

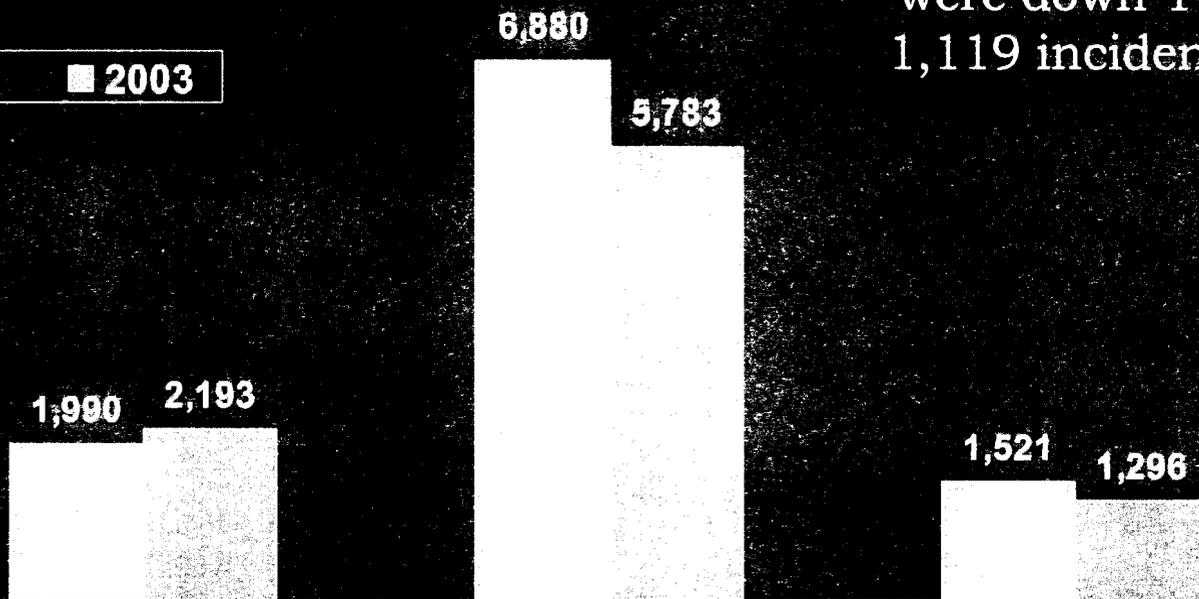
Overall, violent crimes were down by 18% in 2003, or 226 incidents below 2002.



Property Crimes 2002 vs. 2003

Overall, property crimes were down 11% in 2003, or 1,119 incidents below 2002.

■ 2002 ■ 2003



Burglary

10%

Larceny

-16%

Auto Theft

-15%



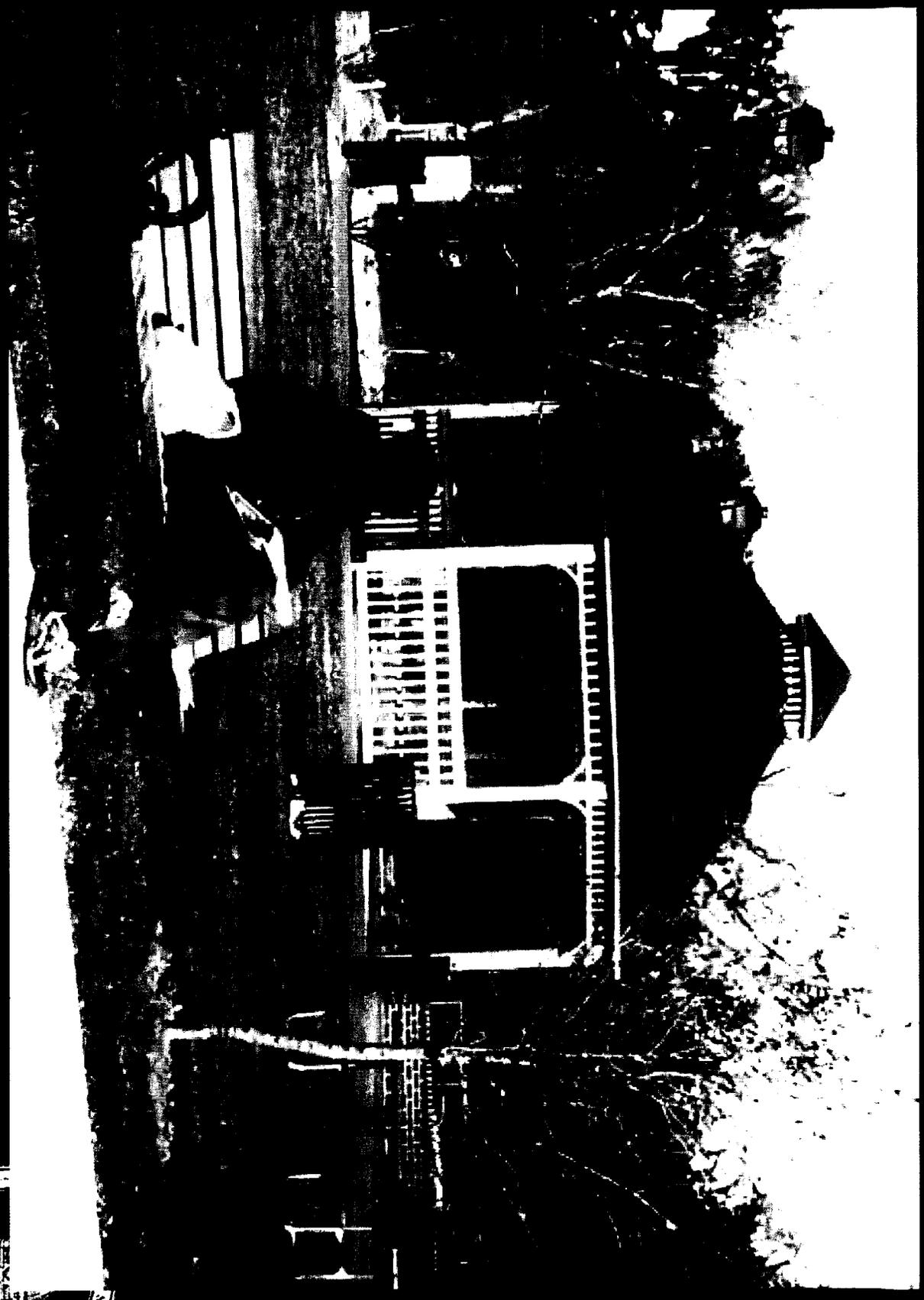
Police Merger

- Elimination of Duplication
- More Officers on the Street
- Improved Intelligence & Investigation









Litter Public Awareness Campaign

- Comprehensive & ongoing focus on public awareness of blight/litter issues impacting our community.
- Campaign Logo, “Bennie D’Binnn, “Just Dunk It”



Landfill Expansion Project

- Landfill will be recycled by:
 - Relocating 300,000 cubic yards of waste from unlined cells.
 - Constructing three (3) new lined landfill cells on old site



Georgia Water & Pollution Control Assn. Conference

- Hosted the annual Georgia Water and Pollution Control Association (GWPCA) conference at the Savannah International Trade and Convention Center on Hutchinson Island

The July 20 – 23, 2003 event attracted over 1,000 attendees.



WaterFirst Community

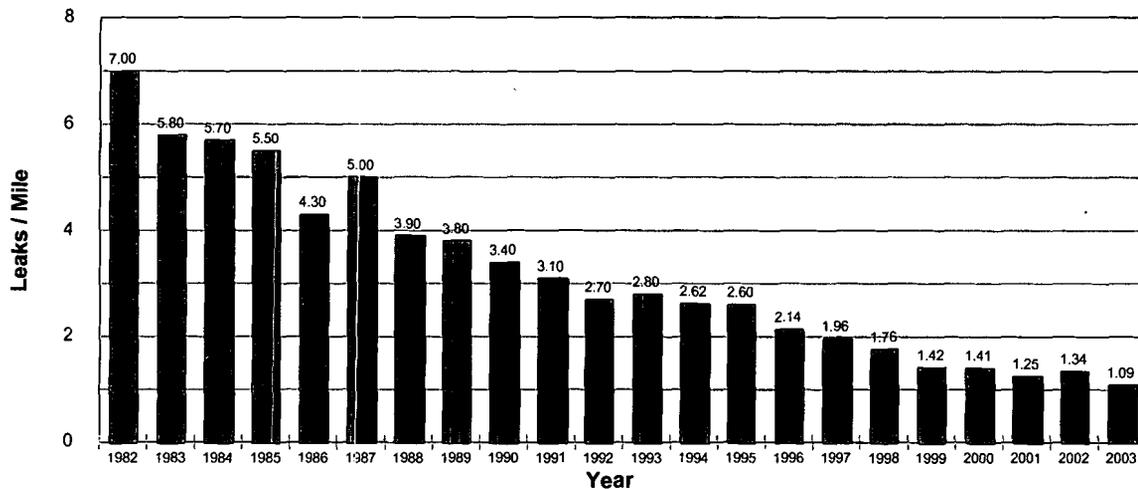
- The city of Savannah was designated as a WaterFirst Community. This designation was awarded to the city for its pursuit of excellence in water resource management. This honor also allows a one percentage point reduction of interest on Georgia Financial Assistance loans.



Water Leak Reductions

■ As the city grows, the miles of water lines increase also. The leak rate is continually decreasing and is a good indicator of the system's condition

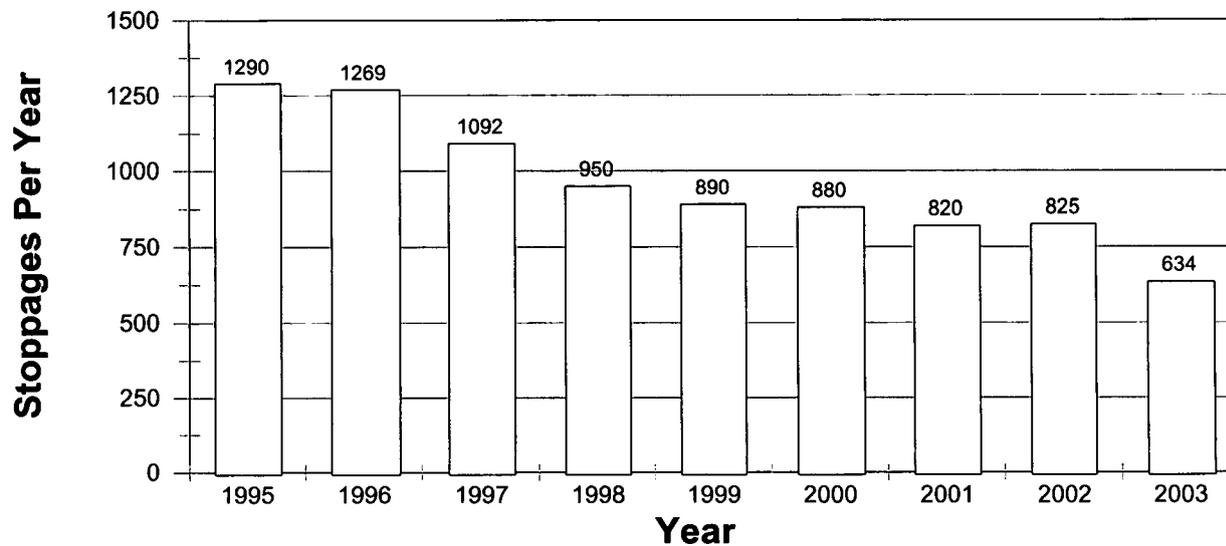
**Water Distribution System
Average Leak Rate / Mile**



Sanitary Sewer Lines Stoppage Reduction

- There was a 25% sanitary sewer line stoppages reduction during the year

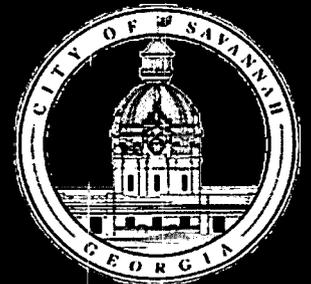
Conveyance System Annual Stoppages



Economic Impact 2003

\$ 4.4 Million

- Feature Films
- Television
- Commercials
- Fashion & Catalogue Photography
- Music Videos
- Student Projects
- Other Media



Feature Films

- Feature activity picked up in 2003, with the independent film “Undertow” shot in Savannah.
- Portions of Disney’s “Haunted Mansion” were also shot in the Savannah area.
- The International Independent Film “Without Love” is starting production on February 15, 2004.



Television

- Savannah also saw a surge in TV production, most notably:
 - “Antique Road Show” - PBS
 - “Travels with an Unfit Mother” - BBC series
 - “Beauty Shop” – A&E pilot



Fashion and Catalog Photography

Savannah continues to grow and gain popularity in the areas of catalogues, still shoots and magazines. Among those here in 2003:

- Glamour
- Cosmopolitan
- Martha Stewart Living
- Conde Nast
- Harley Davidson
- Catalogues by Laurel
- Soft Surroundings



Local Production for National Markets

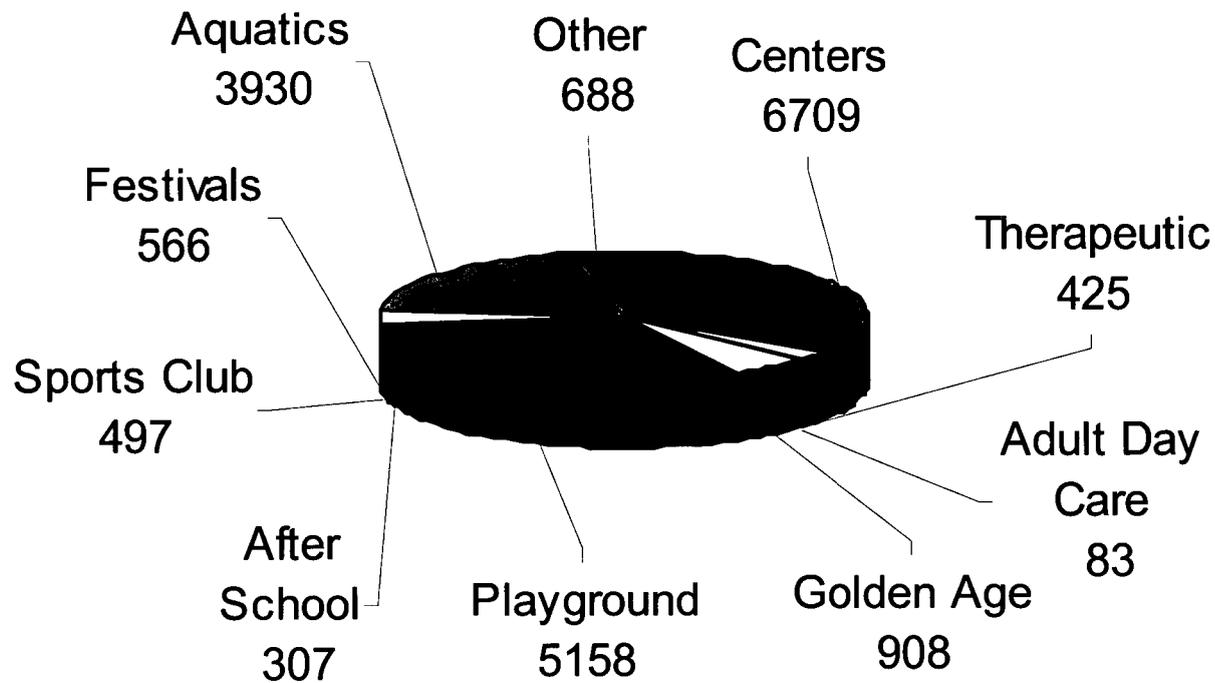
One of the most significant developments in 2003 was the emergence of locally produced television shows for external markets:

- “The World is My Kitchen” - airs on PBS affiliates in 164 markets;
- “The Farmer’s Almanac” – national broadcast and direct products;
- “The Magic Mark Show” – expanding into regional markets.

The Economic impact of these productions is year round and is not yet factored into the final numbers for 2003.



Neighborhood Programs Participation

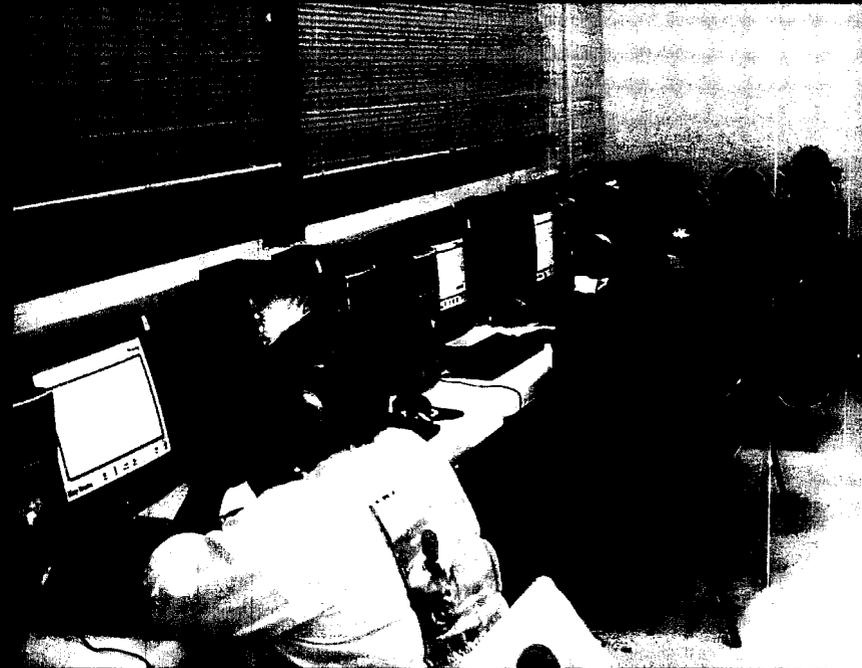


Workforce Academy

In partnership with Savannah Technical College, the program provides adults training at their own pace in basic job skills.

Sites:

- Moses Jackson
- Tatemville
- Windsor Forest



Fire Bureau Performance Evaluations

■ ISO (Insurance Services Office)

- Completed reevaluations and strengthened class 2 rating

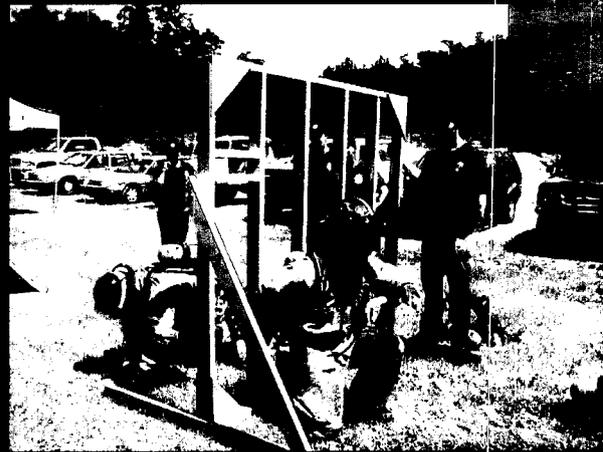
■ Accreditation

- Process is continuing, but slowed due to planning requirements of the G-8 summit



Fire Training & Readiness

Implemented New Methods & Techniques for Training



Training adjuncts designed and constructed by bureau personnel





System Capacity Expansion

SPLOST Projects



Casey South Interceptor, Phase I

The Phase I collector system will result in capacity improvements by the addition of a triple box culvert from the canal to Harmon Street.

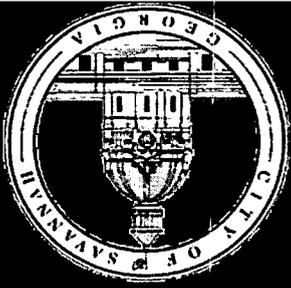
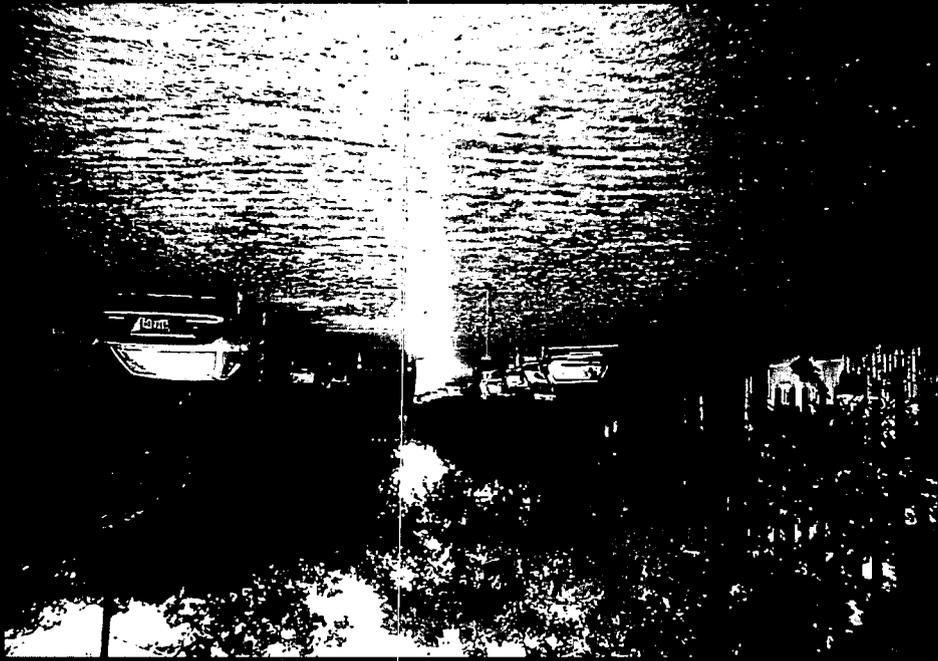
Lathrop Stormwater Pump Station
Construction proceeded for the 400,000 GPM stormwater pump station within the Fell Street basin. Design of the outfall box culvert from the Lathrop Stormwater Pump Station to the Savannah River was completed.



System Capacity Expansion

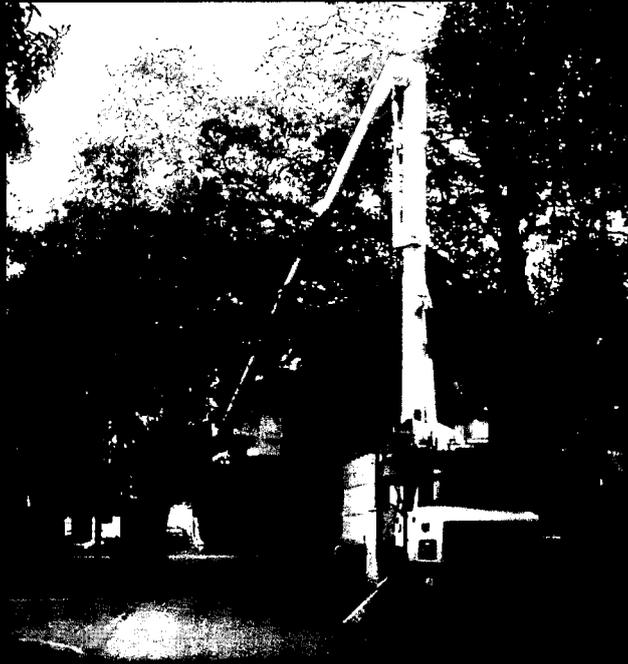
SPLOST Projects

Flooding July 24th,
Tattall Street Area
Design work of increased
conveyance capability in the Bilbo
basin was expedited. The route is
from the Alice & Tattall Street
area north, across MLK
Boulevard, down Turner Street to
West Boundary Street, and then
north to the area of the
Springfield Stormwater Pump
Station.



Park & Tree Accomplishments and Highlights

- A total of 1259 new trees were planted, which is 263 more than were removed. Many of these were planted in newly opened planting sites



- Implementation began on ten year preventive maintenance pruning plan for City neighborhoods, major parks & squares, and palms in Victory Drive median.



Park & Tree Accomplishments & Highlights

The department continued to develop its color in the landscape program



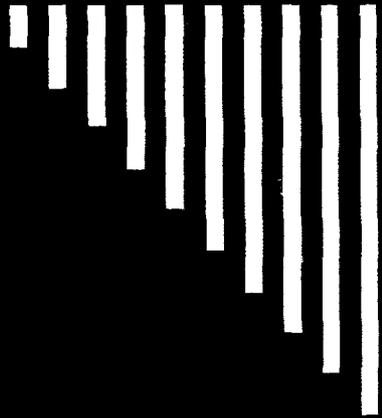
USA Today included the historic squares among the top 10 attractions in the country. The Park and Tree Department continually strives to provide a level of maintenance justifying this type of recognition



Park & Tree Accomplishments & Highlights

- The new Park and Tree Director, David White, started work in October
- Also in October the Department hosted a tour for the quarterly meeting of the National Urban and Community Forestry Advisory Council, and co-hosted a seminar on Live Oaks in the South at which the City Forester, Bill Haws, gave a presentation on Savannah's oaks.





Savannah-Chatham Metropolitan Police Department

2003 Annual Report





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Criminal Investigation

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Strategic Action Plan

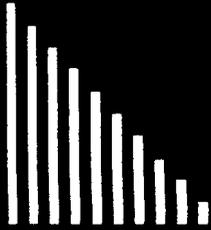
2003 Major Accomplishments

Crime Trends and Statistics

2004 Major Challenges

2003 Department Retirees

Conclusion



Message from the Chief

In terms of crime reduction, 2003 was a banner year for our community. It was the second consecutive year of crime reductions, and overall crime in Savannah reached a ten year low. With violent crime down by 18% and property crime down by 11%, there were 1,343 less crime victims than the year before.

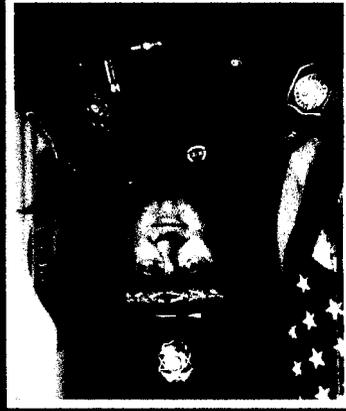
Crime reduction programs such as Savannah Impact, Operation Total Focus, and the on-going CompStat process, contributed to the decline. All parts of the city benefited: Precinct 1 (downtown and the westside) enjoyed an 18% reduction; Precinct 2 (midtown) had a 4% decline; and Precinct 3 (eastside) and Precinct 4 (southside) both experienced 12% reductions.

Perhaps the major event of 2003 was the announcement of a merger between the Savannah Police Department and the Chatham County Police Department. The newly formed Savannah-Chatham Metropolitan Police Department was created in October by City Council and the Chatham County Commission.

By the first week of November officers were sworn in and began working together.

There is much planning and consolidation to accomplish in 2004, but the end result will be a more efficient department that better serves the citizens of both the City of Savannah and Chatham County.

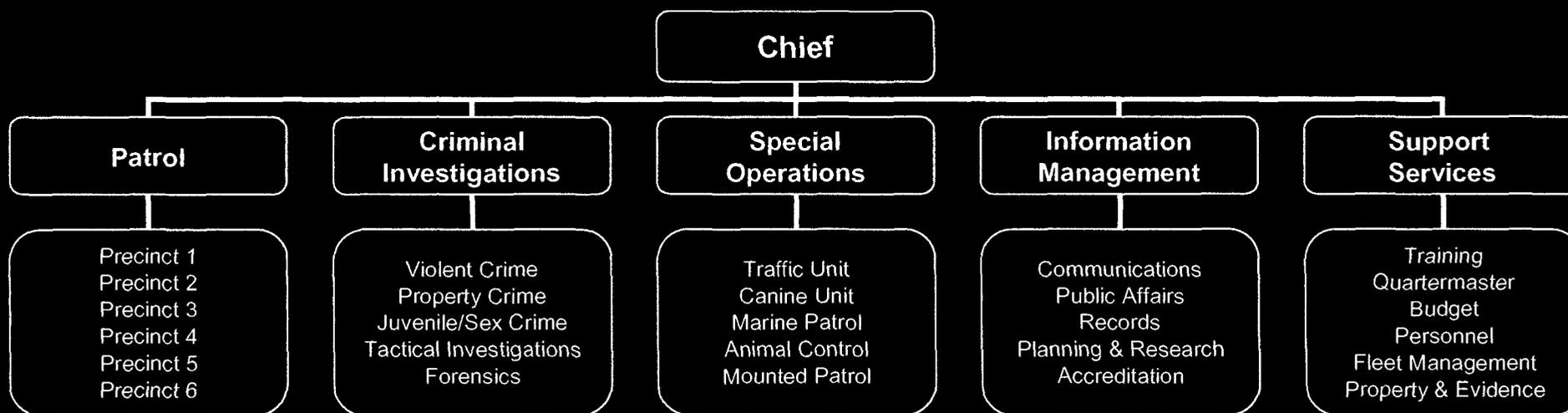
Chief Dan Flynn





Organizational Chart

Savannah-Chatham Metropolitan Police Department



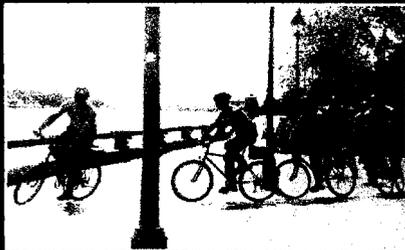


Patrol



As the largest division Patrol is responsible for:
Responding to calls for service, and
Providing patrol services to prevent and deter crime.

The Division is divided into six precincts:
Four precincts in the City, and
Two precincts in the County
Each is headed by a Precinct Commander.



Within the City of Savannah, patrol officers responded to 199,520 calls for service in 2003.

A major initiative in 2003 was Operation Total Focus.

It which consisted of random saturations in targeted areas in all four precincts.

Operations focused on geographic areas that were shown to have recent activity as evidenced in the weekly Compstat meetings.

Tactics included traffic checkpoints, saturation patrol, numerous field interviews, and increased traffic stops.





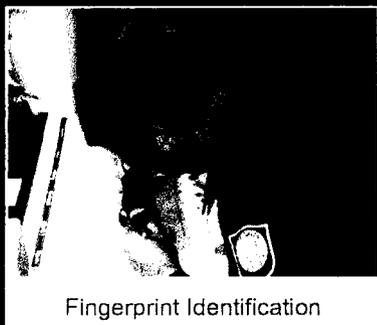
Criminal Investigation

Criminal Investigations Division provides follow-up investigation of crime incidents.

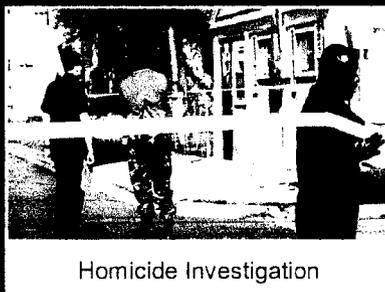
Within the City of Savannah, 8,616 cases were assigned for follow-up investigation in 2003.

The success of Criminal Investigations is reflected in the volume of arrests and high clearance rates:

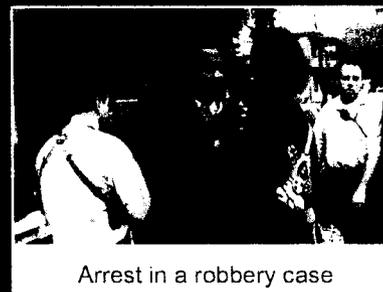
- 71% of the rape cases were cleared vs. 45% nationally;
- 61% of the aggravated assaults were cleared vs. 56% nationally;
- 61% of the homicide cases were cleared vs. 64% nationally;
- 37% of robberies were cleared vs. 26% nationally;
- 14% of the burglaries were cleared vs. 13% nationally;
- 24% of the larceny cases were cleared vs. 18% nationally; and
- 12% of auto thefts were cleared vs. 14% nationally.



Fingerprint Identification



Homicide Investigation



Arrest in a robbery case



Special Operations

A newly created division, Special Operations includes:

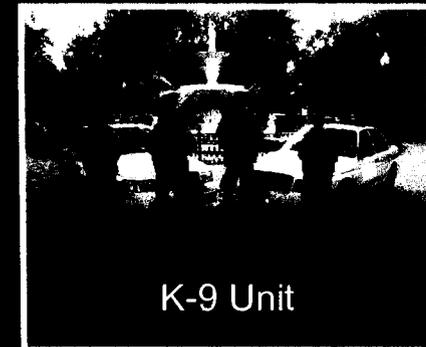
- Traffic Unit,
- Canine Unit,
- Marine Patrol,
- Animal Control, and
- Mounted Patrol Unit



Mounted Patrol



Aggressive Driving Unit - Traffic



K-9 Unit



Information Management

The Information Management Division includes the Communications Center, Public Affairs, the Records Unit, Planning and Research, and Accreditation.

Within the City of Savannah for 2003:

The Communications Center

Handled 178,000 E911 calls,
Handled 250,000 administrative calls, and
Provided dispatching services for 199,520 calls for service.

The Customer Service Desk

Took 3,499 reports,
Processed 5,614 subpoenas, and
Responded to an estimated 100,000 miscellaneous citizen inquiries.

The Report Review/Data Entry Unit

Processed 63,547 incident reports and 9,000 accident reports, and
Scanned and stored 99,324 documents.

The Document Imaging Unit (formerly Microfilm)

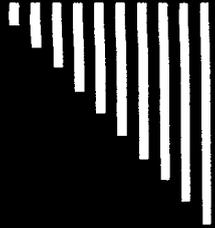
Provided 22,084 copies of police reports for internal and external customers.

The Criminal History Unit

provided 12,580 record checks, and
processed 9,367 arrest booking reports.

The Warrant Control Unit

Received 1,479 new warrants, and
Processed 2,072 executed warrants.

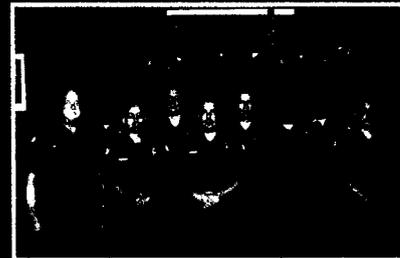


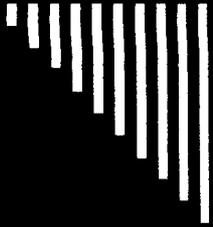
Support Services

The Support Services Bureau provides a variety of support for police personnel through several specialized units.

Division units include the:

Training Unit,
Armory,
Quartermaster,
Vehicle Maintenance,
Property Room,
Budget Office,
Recruiting, and
Personnel.





Savannah Impact Program



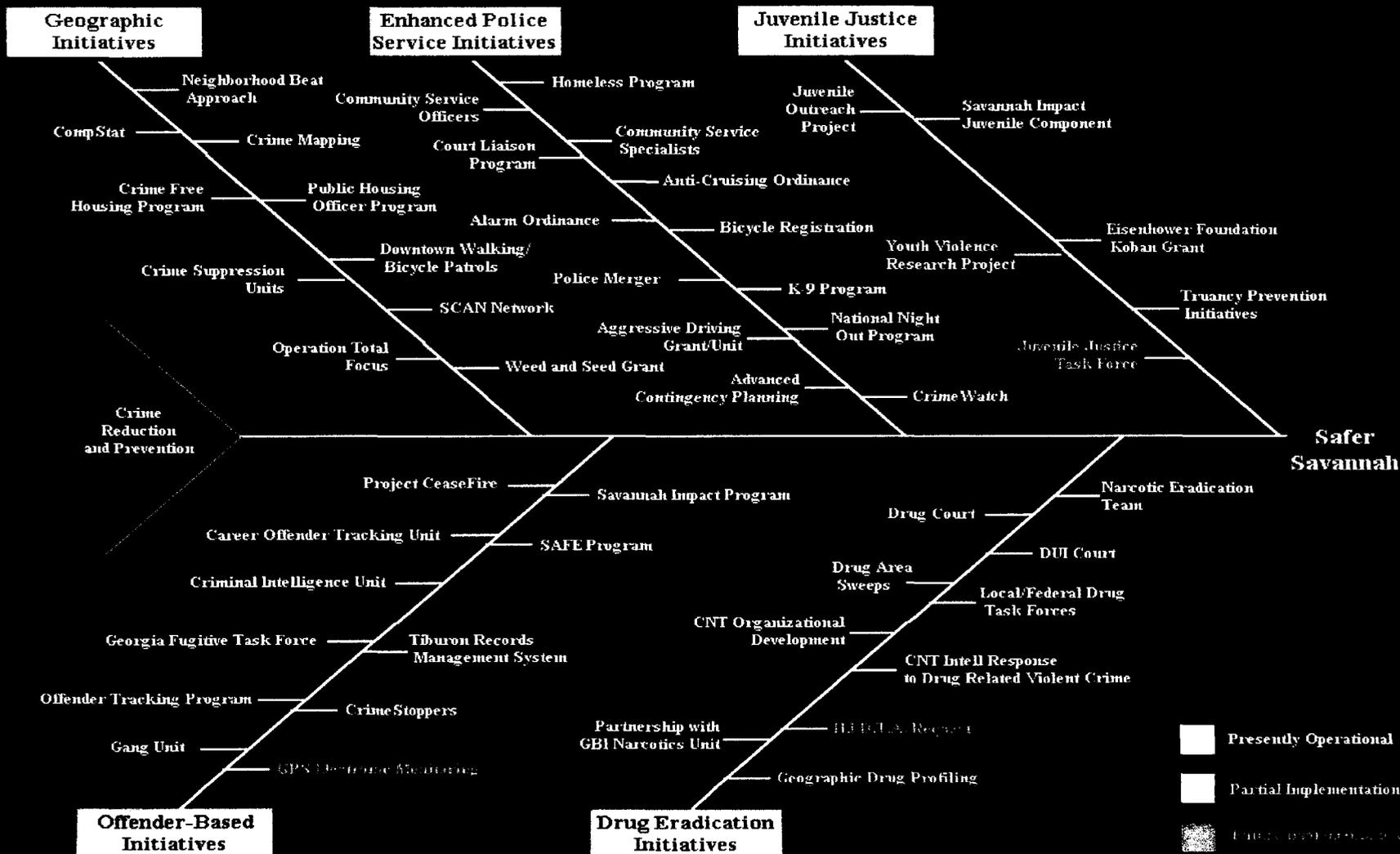
The mission of the Savannah Impact Program (SIP) is:
To protect the public from high-risk offenders (adult & youth)
who are on parole or probation through a collaborative
community corrections program with State and local Agencies.

SIP provides intense supervision of high-risk offenders, and
provides support programs to address the individual needs of
each offender to re-direct them onto law abiding paths.

In 2003, Savannah Impact handled approximately 400 cases
per month and averaged 6.4 contacts per parolee/probationer
each month. A total of 86% of the clients were successfully
employed, and 86% were drug-free.

Strategic Action Plan

This plan was developed to identify the initiatives needed to achieve a safer Savannah. It is also used as a barometer to check progress in achieving those initiatives.





Geographic Initiatives

Several geographic-based programs are part of the SCMPD Work Plan.
These include:

- CompStat
 - Crime Free Housing
 - Crime Suppression Units
 - Operation Total Focus
 - Neighborhood Beat Approach
 - Crime Mapping
 - Public Housing Officer Program
 - Downtown Walking/Bicycle Patrols
 - Savannah Computer Area Network (SCAN)
 - Weed and Seed Program
-



Enhanced Police Service Initiatives

Several programs enhance overall police services.
These include:

Community Service Specialists

Court Liaison Program

False Alarm Ordinance

Police Merger

Aggressive Driving Unit

Advanced Contingency Planning

Homeless Program

Anti-Cruising Ordinance

Bicycle Registration Program

Canine Unit

National Night Out



Juvenile Justice Initiatives

Several programs are in place to reduce juvenile crime.

These include:

Juvenile Outreach Project

Savannah Impact Juvenile Component

Youth Violence Research Project

Eisenhower Foundation Koban Grant

Juvenile Justice Task Force

Truancy Prevention Initiatives



Offender-Based Initiatives

Several programs are in place to target specific offenders.
These include:

- Savannah Impact Program
 - Career Offender Tracking Unit (COTU)
 - Criminal Intelligence Unit
 - Georgia Fugitive Task Force
 - Offender Tracking Team
 - Gang Unit
 - Project Ceasefire
 - Savannah Area Firearms Experiment (SAFE)
 - Tiburon Records Management System
 - CrimeStoppers
 - GPS Electronic Monitoring
-



Drug Eradication Initiatives

Several programs are aimed at eradicating the drug problem.
These include:

Drug Court

Drug Area Sweeps

Counter Narcotics Team

Narcotics Eradication Team

GBI Narcotics Unit: DUI Court

Drug Task Forces

CNT Intelligence

Geographic Drug Profiling

High Intensity Drug Trafficking Area (H.I.D.T.A.)



2003 Major Accomplishments

Operation Total Focus

Operation Total Focus is a periodic saturation of geographic areas shown to have recent activity as evidenced in the weekly Compstat meetings.

These operations greatly contributed to the 12% reduction in crime in 2003.

False Alarm Ordinance

The update to the City's False Alarm Ordinance began enforcement on July 1, 2003 and has resulted in a 30% decrease in false alarms.

Police Merger

In October, City Council and the County Commission voted to merge the two police departments.

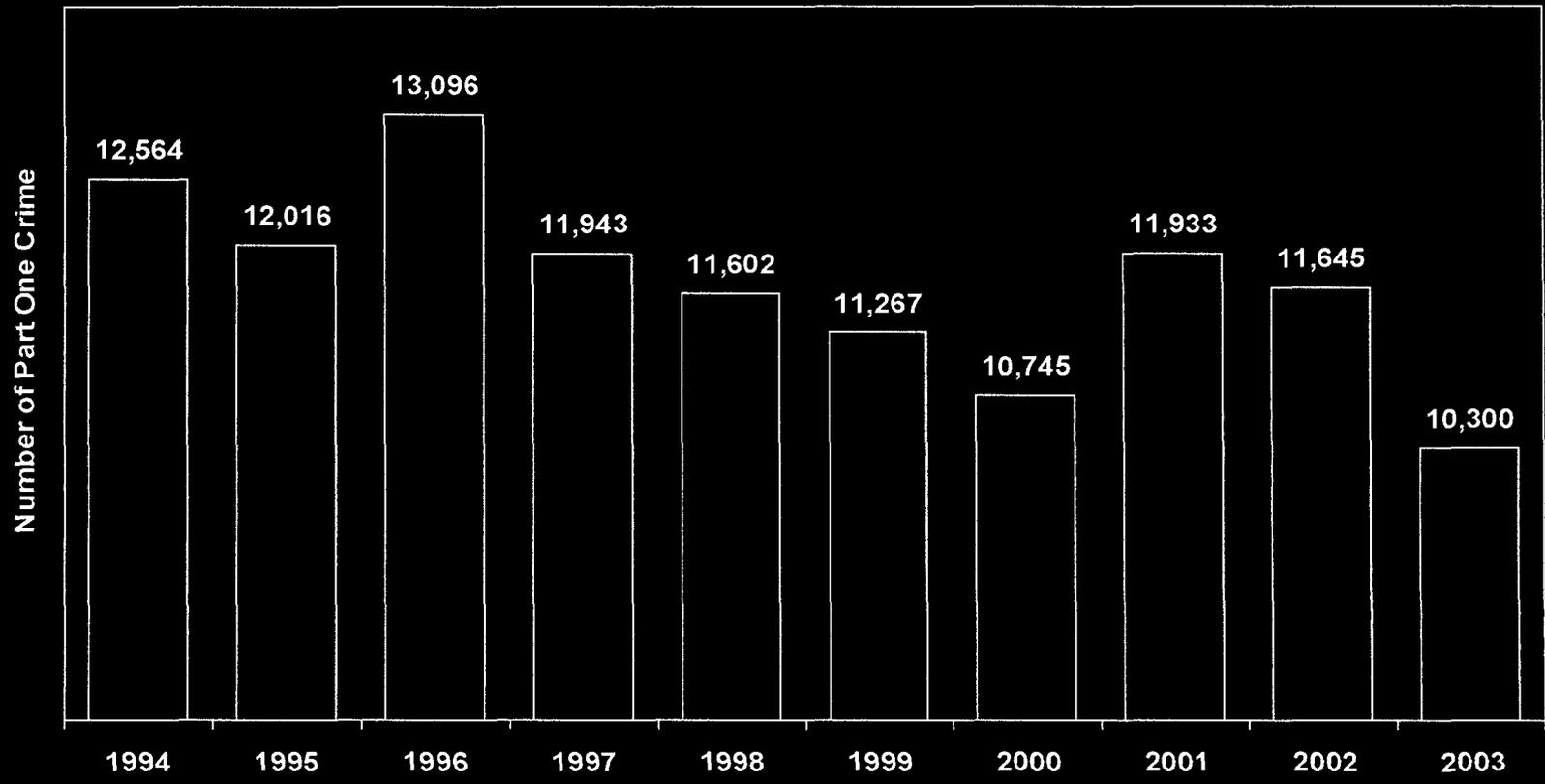
All 577 officers have been sworn in across jurisdictional boundaries.

Eight new officer positions were put on the streets due to the elimination of duplicate services.



Overall Crime Stats

10-year Trend

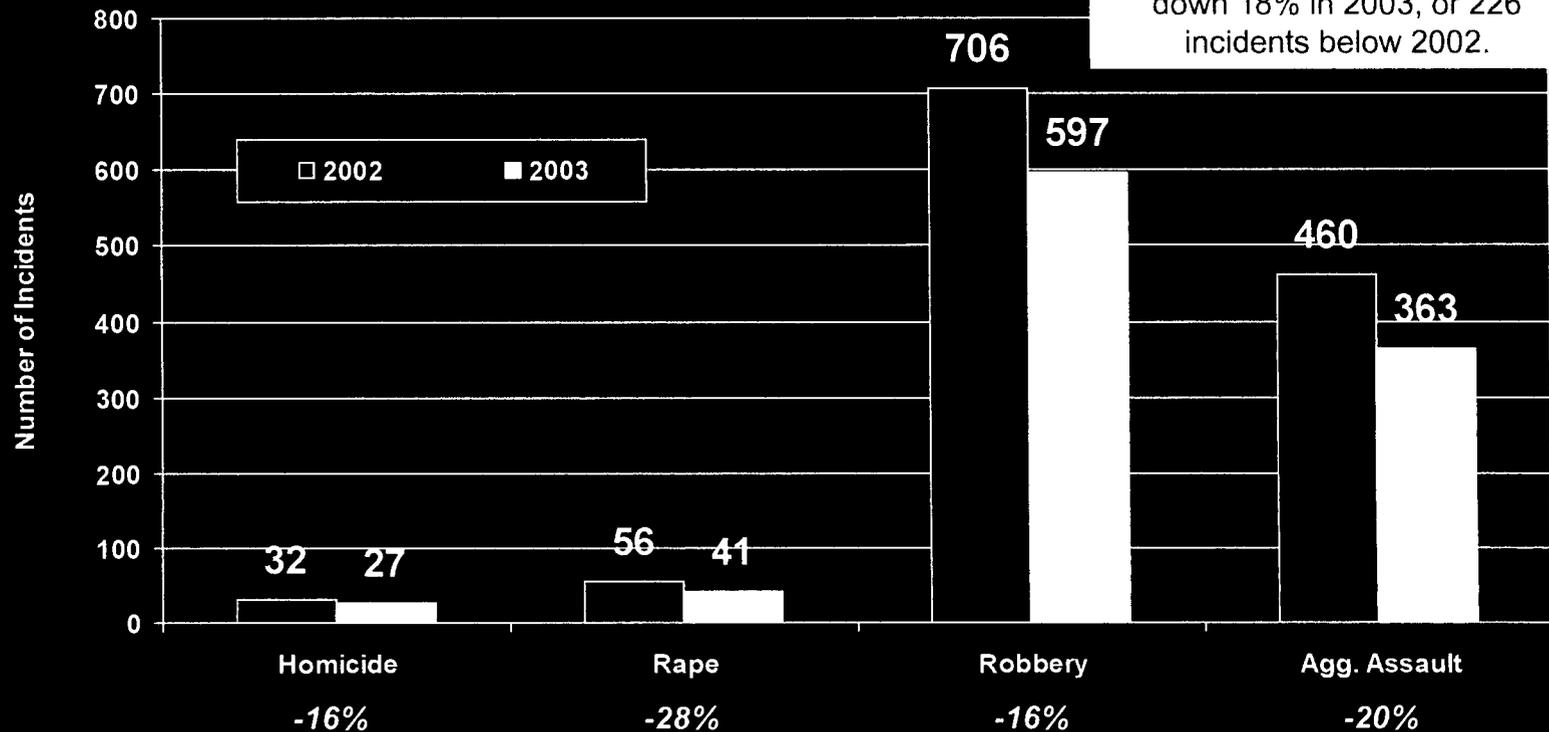


Statistics are for Savannah only



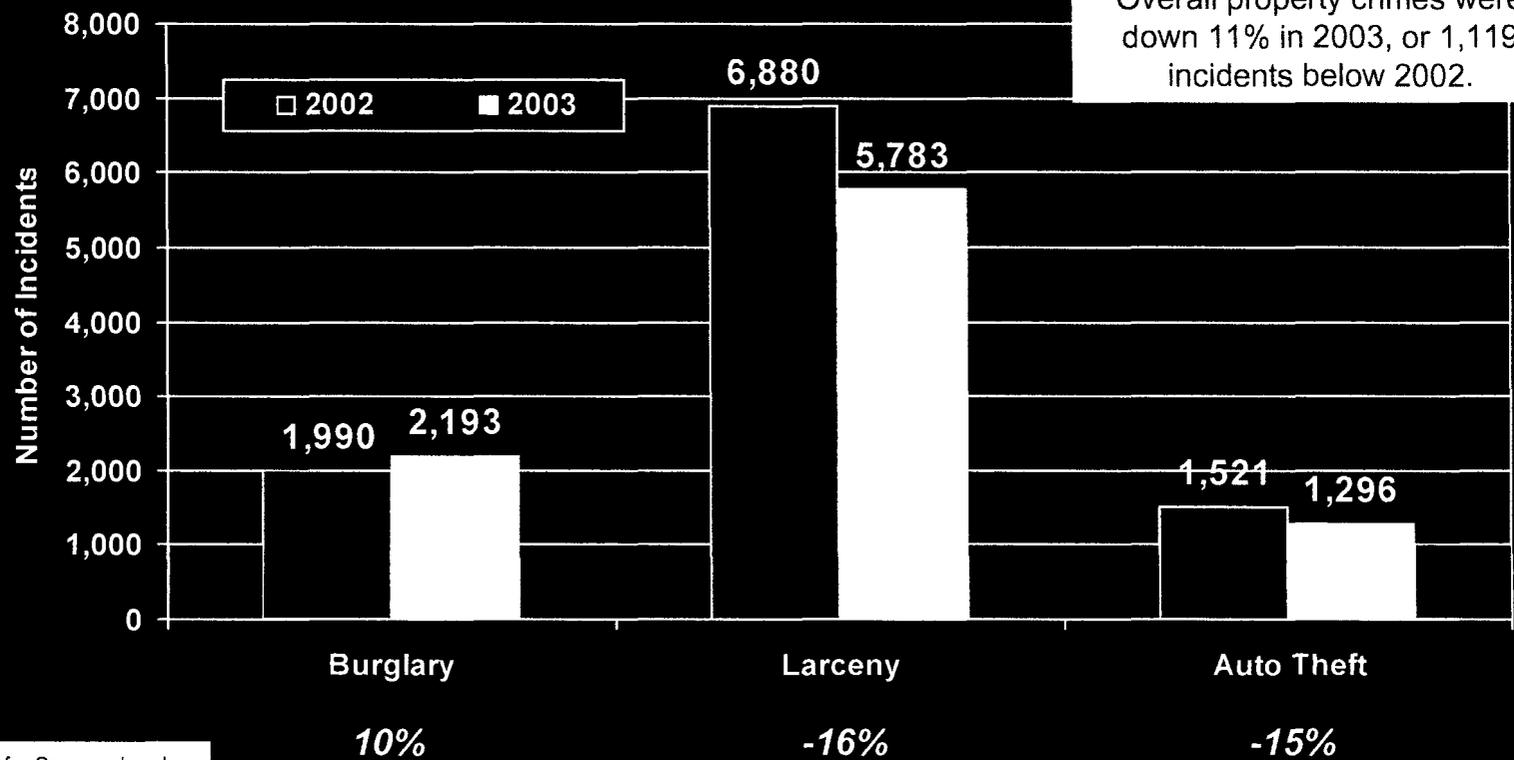
Violent Crime 2002 vs. 2003

Overall, violent crimes were down 18% in 2003, or 226 incidents below 2002.



Statistics are for Savannah only

Property Crimes 2002 vs. 2003



Statistics are for Savannah only



2004 Major Challenges



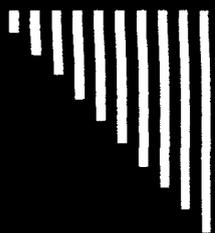
The Police Merger

Implementation of the merger will be an on-going process throughout 2004.

Tasks yet to be completed include:

- Consolidation of the Communications Centers,
- Combining patrol services, criminal investigation, and other like services;
- Design and distribution of new uniforms, badges and patches,
- Making adjustments in salaries to achieve pay parities,
- Procurement of additional vehicles for take-home assignments, and
- Numerous other tasks.





2004 Major Challenges (con't)

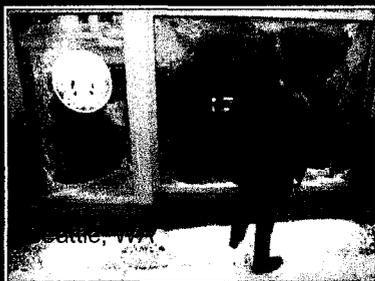


G-8 Summit

Past G-8 events have drawn thousands of protestors which has led to varying levels of civil disorder, property damage, and at times, violent demonstrations.



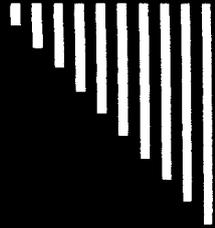
Overall planning for the G-8 is a federal task, formally led by the U.S. Secret Service. However, most of the officers who will protect the greater Savannah area will be local and State officers.



A full-time G-8 planning staff is making preparations for the event, with a highly specialized training provided to all officers.

The department will be fully ready for the G-8 Summit which takes place June 8th -10th.

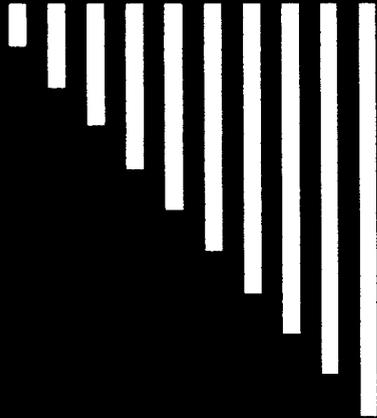
Prior G-8 Events



2003 SPD Retirees

This report is dedicated to the men and women, who through their years of dedicated service, have contributed to the successes achieved by the Savannah Police Department.

Charles J. Humphrey	Police Sergeant
Peggy J. Hudson	School Crossing Guard
John E. Brinson	Police Corporal
Charles Vance McLaughlin	Police Training Coordinator
Randy R. Thran	Police Corporal
William (Frank) Harkins	Personnel Coordinator
Dwight L. Williams	Police Lieutenant
Donald W. Collier	Police Corporal
Freddie Lee Smith	Police Sergeant
Jack Willis	Police Corporal
Johnnie Mae O. Scott	School Crossing Guard
Elizabeth R. Wilson	School Crossing Guard
Sarah Gause	School Crossing Guard
Theresa Singleton	School Crossing Guard
Forrest Crocker	Police Corporal
Kenneth Richard Porter	Police Lieutenant
Sara M. Reed	School Crossing Guard
Daniel Corrieri	Police Corporal



**Thank you for your continued
support of the Savannah-
Chatham Metropolitan
Police Department.**

**We look forward to making
2004 a safer year for our
entire community.**



Training & Readiness

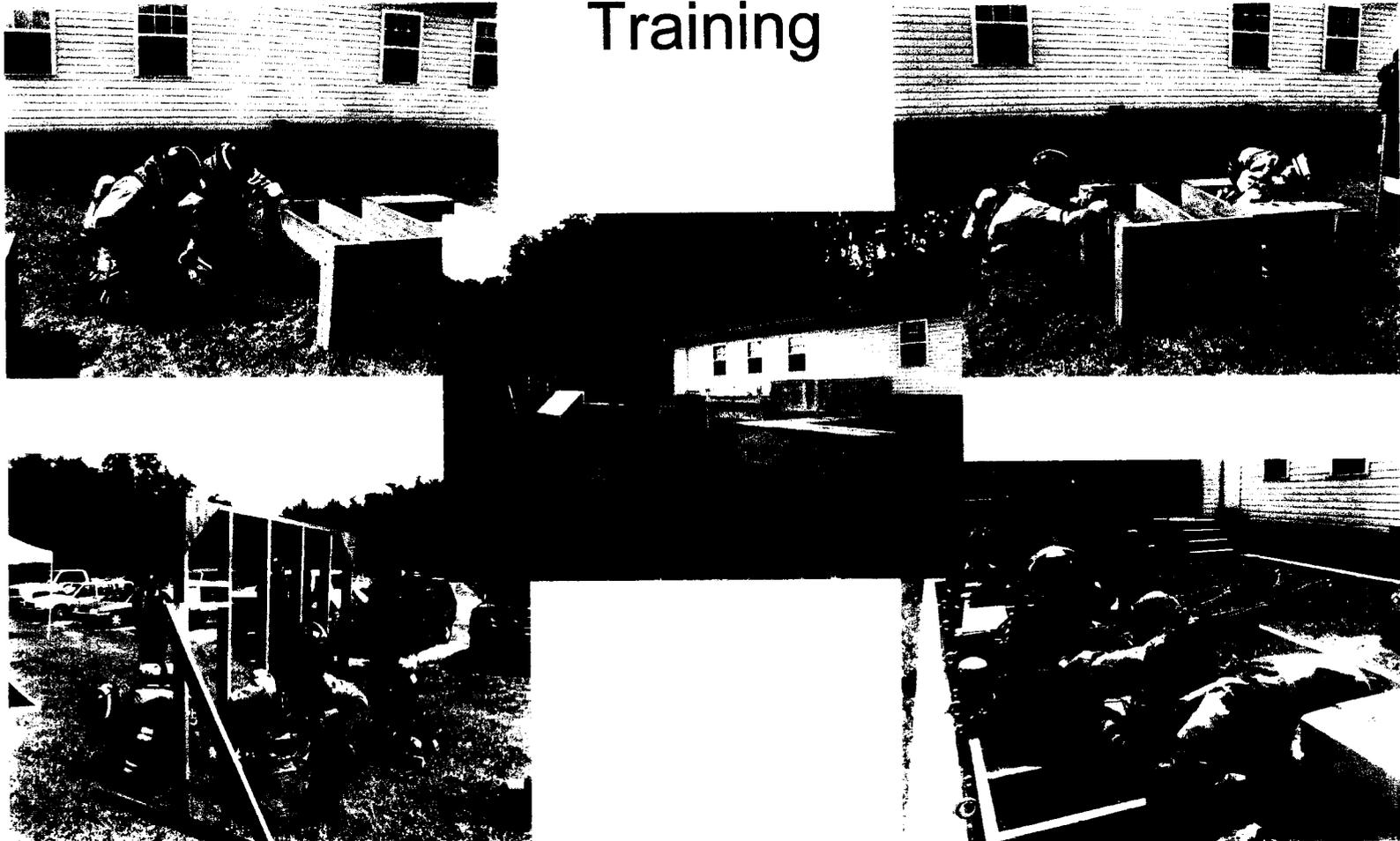
Implemented New Methods & Techniques for Training



- Changing role of Fire Bureau
- Fewer firefighters with extensive experience
- Constant evolution of new techniques and equipment

Training & Readiness

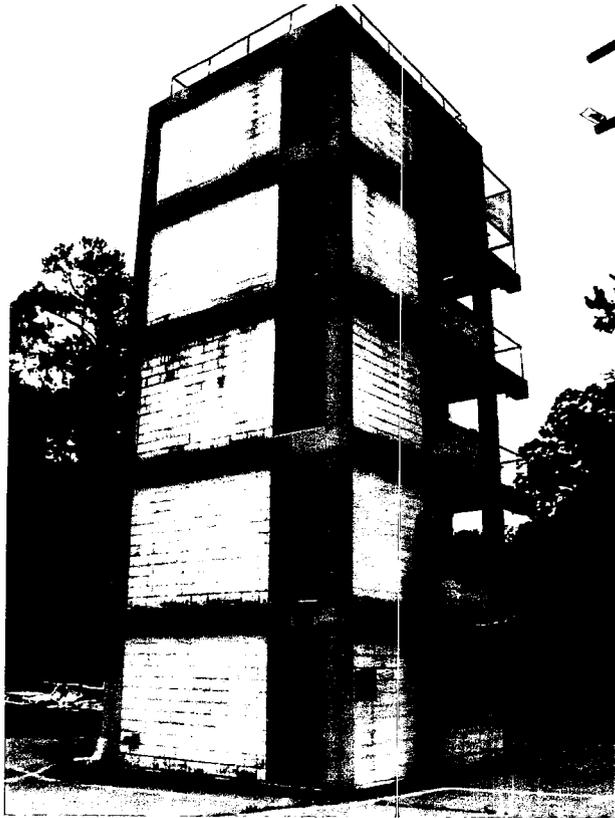
Implemented New Methods & Techniques for
Training



Training adjuncts designed and constructed by bureau
personnel

Training & Readiness

Implemented New Methods & Techniques for Training



Before



After

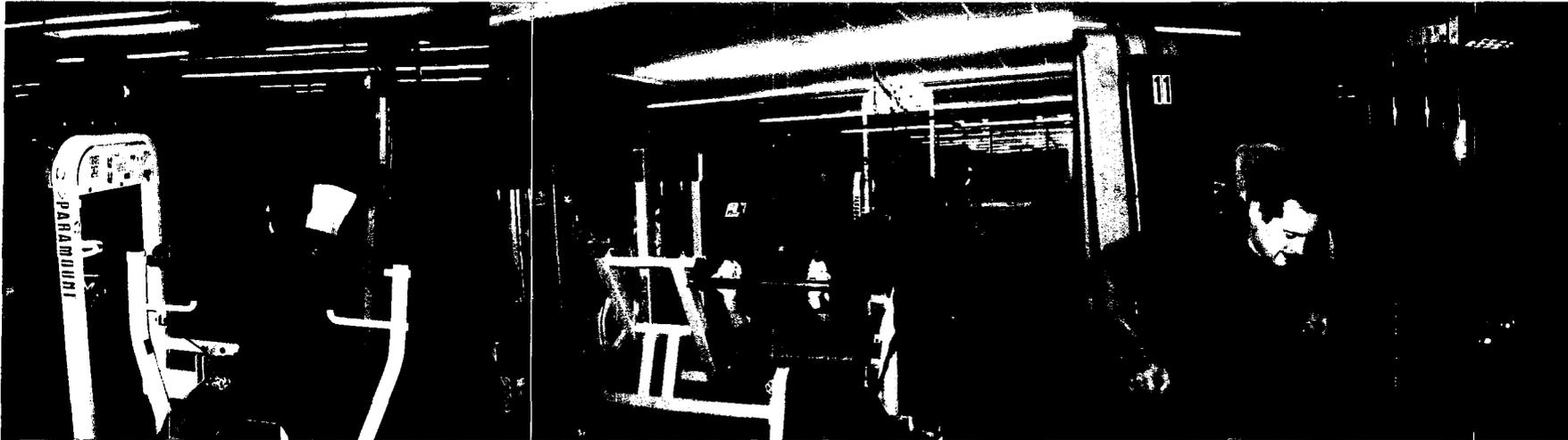
Resolved safety concerns and
refurbishment of facility

Training & Readiness



- Redirected emphasis in second half to prepare for G-8 Summit
- Continued reinforcement of awareness & training in preparation for terrorism events
- New Training Chief has promoted bureau to level of national prominence and recognition

Wellness and Fitness



- Continue to require participation in fitness programs:
 - Semiannual assessment to national standards
 - Exercise programs through contracted facilities
 - Annual wellness assessments and select physicals

Wellness and Fitness

- Firefighters continue to show improvement fitness assessments
- Important to reduction of risk for firefighters
 - Almost 1/2 of Firefighter line of duty Deaths annually are cardiac related
 - Physical requirements of job greater than ever
 - Aids in reduced severity and recovery from injuries

Support Functions

Fire Prevention Division



- **New Chief Investigator hired**
 - Certified Arson K-9 handler with trained canine
 - Duties expanded to oversee all prevention activities
 - Has brought division into compliance with DOJ's Tri-data recommendations for fire investigations

New Service Area Planning



Relocation of Mohawk Station on hold pending AASU actions

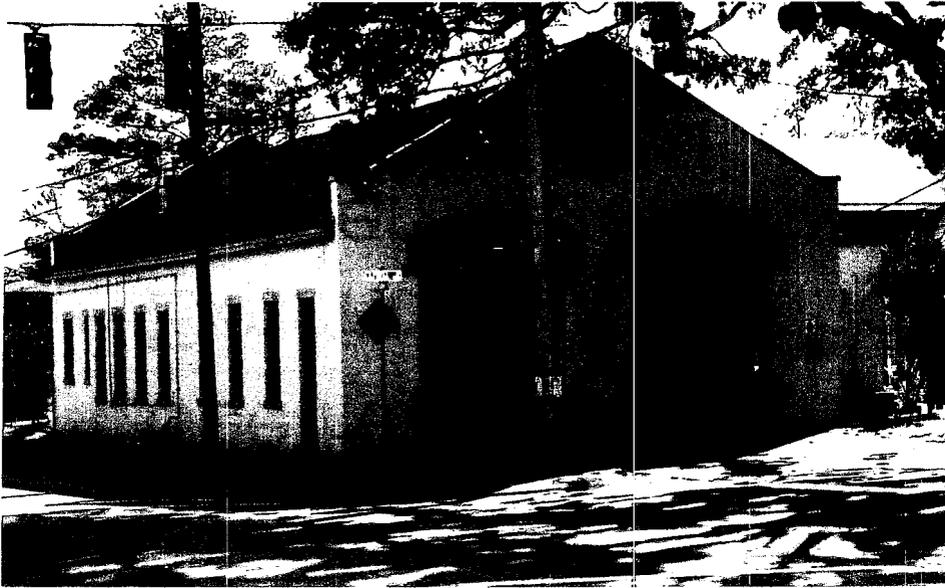
New Service Area Planning



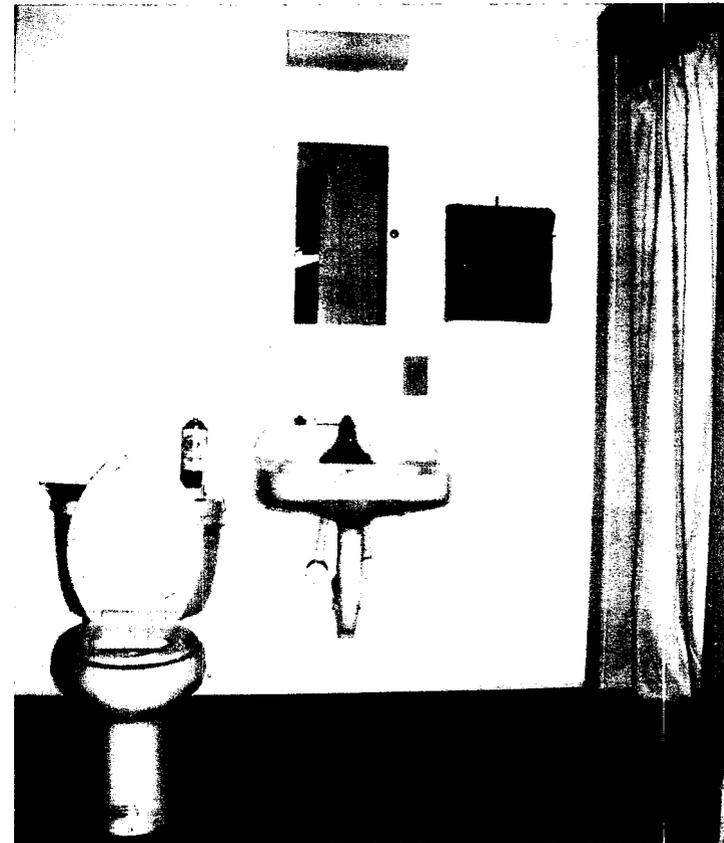
Developed and implemented service plan for recently annexed regions in Bradley/Sweetwater area of City

Physical Facility Improvements

- Capitol St. station is functionally obsolete
 - Working with property management to identify new site
 - Conducted research on station design and cost saving ideas for construction of replacement
- Gender friendliness issues addressed at Bee Rd. station
- Expanded operating and storage facility for quartermaster



Station 9, Constructed 1943

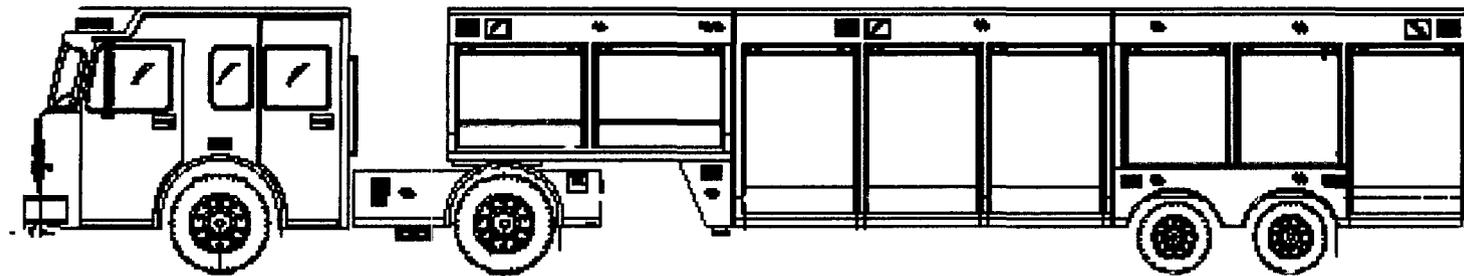


Female Facilities at Station 8

Emergency & Special Operations

- Completed execution of mutual aid agreements with all county fire departments
- Received federal grants to assist with domestic preparedness and response to WMD incidents
- Working with law enforcement possible relocation of communications center following recent police merger

Emergency & Special Operations



- Notified that bureau will receive a component of the Georgia Search & Rescue response equipment cache

Performance Evaluations

- ISO (Insurance Services Office)
 - Completed reevaluations and strengthened class 2 rating
- Accreditation
 - Process is continuing, but slowed due to planning requirements of the G-8 summit



Maintaining Excellence

The accreditation Process

- ① International recognition of excellence
- ① Provides “bench-marking” for bureau
- ① Assists in establishing goals and direction
- ① Only 65 departments currently accredited



Maintaining Excellence

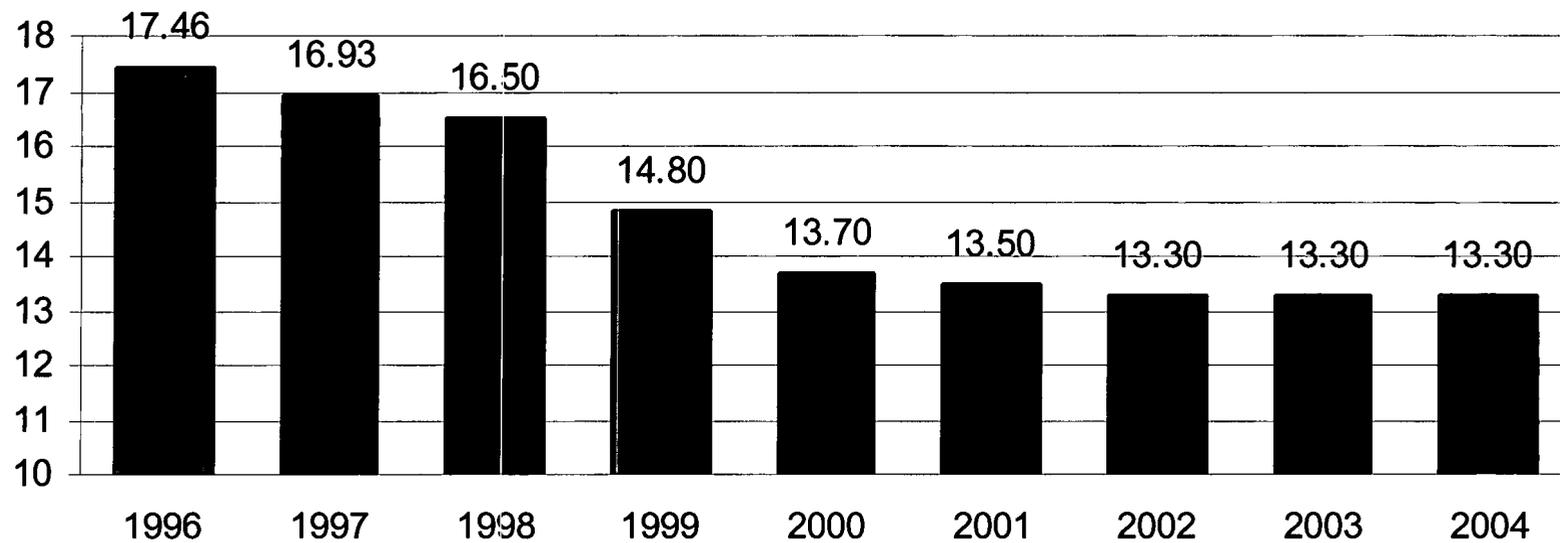
The accreditation Process

- ① The process measures ten (10) categories
- ① These contain forty-seven (47) criteria
- ① Further subdivided into 254 performance indicators

Management & Financial Services



City maintains millage rate 25% below 1996 level



Savannah avoids major fiscal problems through pro-active financial planning

Montgomery Council Imposes New Taxes Revenue to Close \$86 Million Gap

By Matthew Mosk and Michael H. Cottman
Washington Post Staff Writers
Thursday, May 15, 2003; Page A01

The Montgomery County Council yesterday approved a series of new taxes that will boost the typical resident's annual burden by roughly \$200 a year and close a budget gap that threatened to wipe out a number of popular social programs.

As Budgets Shrink, Cities See an Impact on Criminal Justice

By FOX BUTTERFIELD

PORTLAND, Ore., June 6 — The Portland police budget has been cut by more than 10 percent three years, and the s showing.

140 metro workers could lose jobs Projected budget shortfall forces cuts, mayor says

By JOSEPH GERTH
jgerth@courier-journal.com
The Courier-Journal

Custodians, security guards and mid-level managers are among 140 Louisville metro government employees who could lose their jobs July 1 because of an anticipated budget shortfall of more than \$18 million.

Ax looms for Boulder budget

Proposal for 2004-05 would lay off 100, cut police, human services

By B. Scott Bortnick, Special to The Denver Post
BOULDER - More than 100 employees could lose their jobs under a proposal designed to slice \$13.6 million from the city's proposed 2004-05 budget of more than \$200 million.

Detroit mayor's plan cuts workers

Proposal erases city's 2003-04 budget shortfall

April 15, 2003

BY M.L. ELRICK AND ERIK LORDS
FREE PRESS STAFF WRITERS

Calling on Monday for a leaner city government, Detroit Mayor Kwame Kilpatrick proposed closing six recreation centers and laying off 193 workers to help balance the city's \$1.4 billion general fund budget.

Abramson will trim up to 400 unfilled jobs

By JOSEPH GERTH
jgerth@courier-journal.com
The Courier-Journal

Jerry Abramson said yesterday that he plans to eliminate up to 400 Louisville Metro Government jobs in an effort to close an \$11 million budget gap projected for the next fiscal year.

Budget whacked as sales taxes fall

Austin 15% drop in collections in May was worst since 1990s

City workers swell layoff ranks Boston Scientific's Gift Rescues Fremont

Webb calls for cuts in benefits

City workers face sharp reductions

By Cindy Brovsky
Denver Post Staff Writer

Friday, May 02, 2003 - Mayor Wellington Webb proposed \$33.3 million in cuts in benefits to 1,000 city workers Thursday in what he called the most dramatic shake-up in Denver government since the 1950s.

County prepares 200 pink slips

Layoffs, transfers expected as board tackles huge deficit

By Robert D. Dávila -- Bee Staff Writer - (Published May 21, 2003)

Notices for about 200 Sacramento County employees who could be demoted, moved or sent out of a job are set to go out next month as officials cope with a record budget deficit for the fiscal year starting July 1.

Municipalities ready for budget cuts

Officials want to know whether Doyle will also veto caps on tax levies

Hampton Roads Transit announces 108 layoffs

By DEBBIE MESSINA, The Virginian-Pilot
© June 18, 2003

Hampton Roads Transit, the regional-bus service, announced Tuesday will lay off 108 employees when it hires a contractor to run its Handi-Rid service for the disabled this fall.

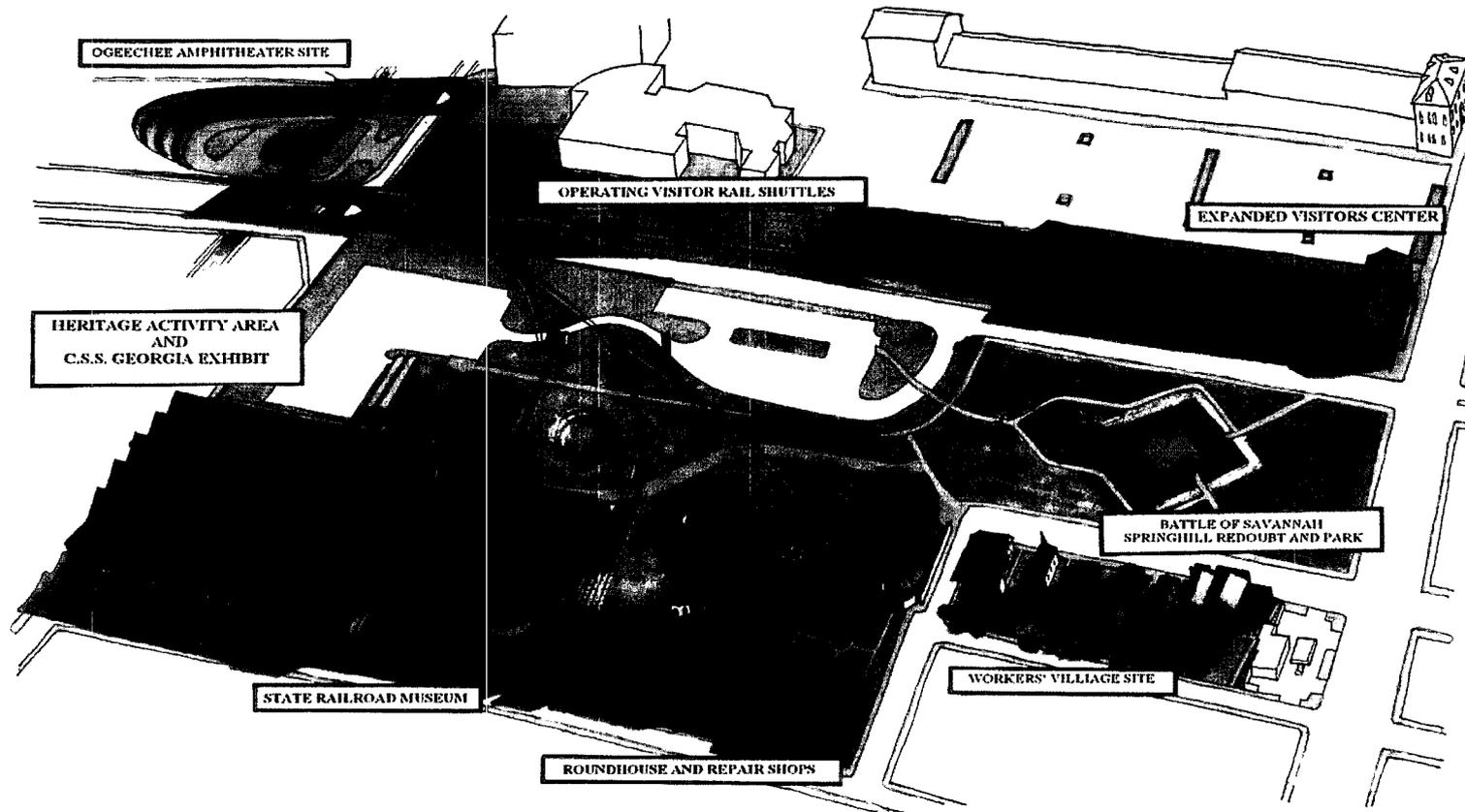
Providence, R.I., School Board Approves 128 Layoffs

Cities' Economic Plight Seen As Deepening In New Study



After decades of negotiation City successfully purchased Battlefield Park site

BATTLEFIELD PARK HERITAGE CENTER



New Height Map Adopted after Substantial Public Input Process

Downtown Historic District
SAVANNAH, GEORGIA

Proposed Revisions to the

HEIGHT DEVELOPMENT MAP

FINAL REPORT

May 2003

City of Savannah
Historic District Ordinance Revisions Committee
Savannah Development and Renewal Authority
Sottile & Sottile Urban Design



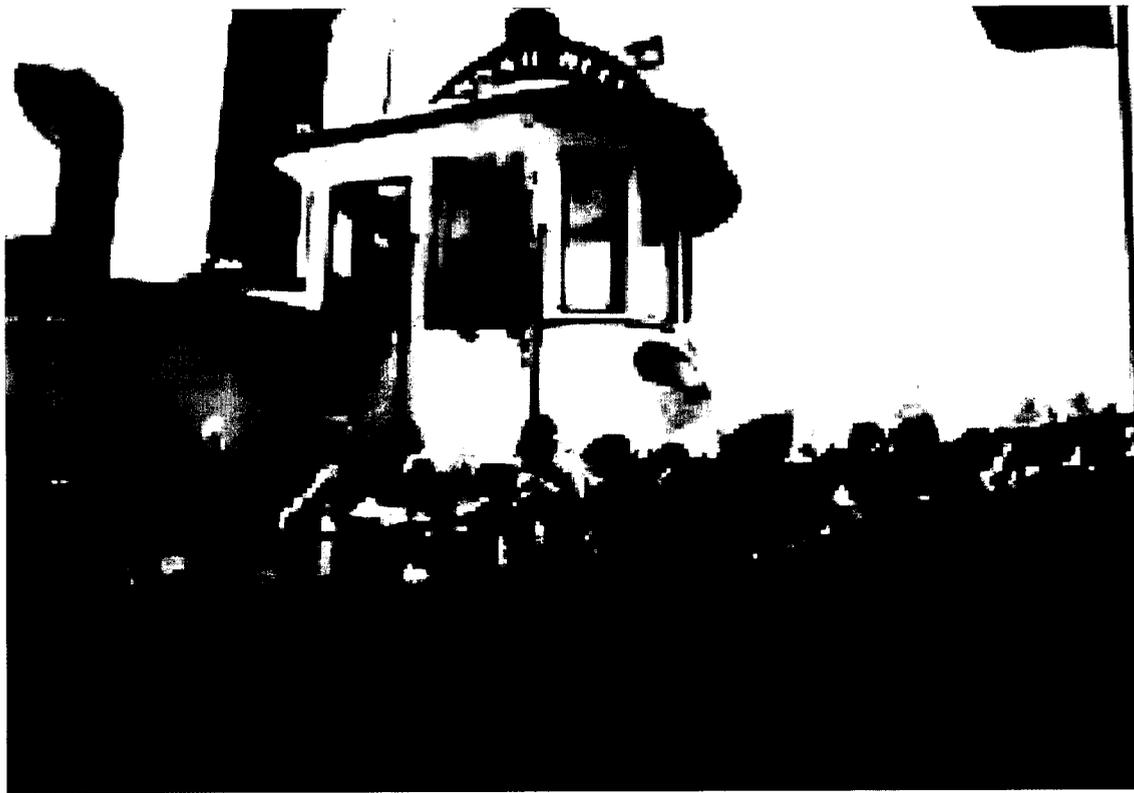
SPLOST Referendum passes with overwhelming support

Major Category

Drainage	\$51,150,000
Roads and sidewalks	13,620,000
Parks, recreation and greenways	22,231,471
Public safety	1,300,000
Other capital outlay	9,339,424
	<hr/>
	\$97,640,895



City takes lead in transportation by creating special service districts for water and convention transportation



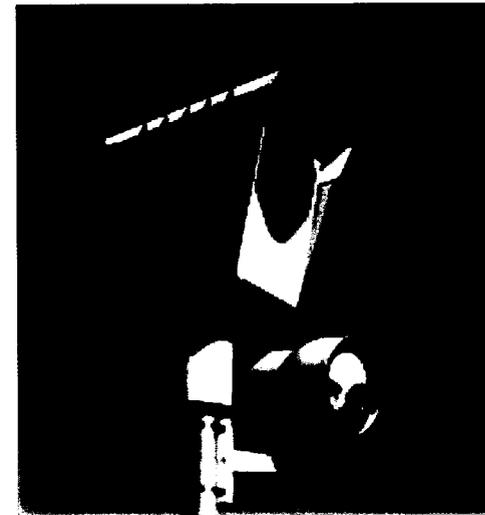
Special Service District Tourism Transportation

- Established Special Service Districts effective July 2003
- Collected \$107,000 for Convention District Room Occupancy Fee
- Collected \$5,810 Transportation District Tax from .2 mills for Hutchinson Island
- Funds support water ferry and transportation enhancements for convention groups in the City



Red Light Camera Implemented

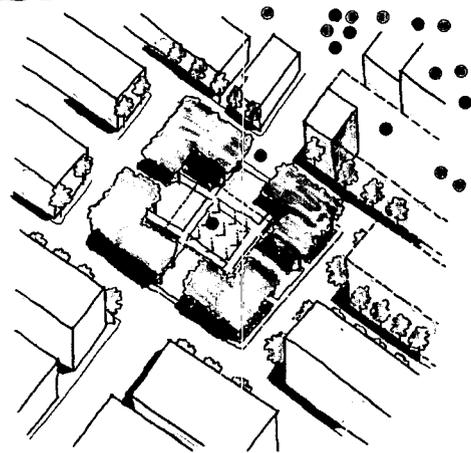
- Over 4,000 citations mailed since 10/22/03
- Daily violators down 54% from peak demonstrating increased compliance



Ellis Square Design Charette a winner

- American Society of Landscape Architects Merit Award
- Historic Savannah Foundation Award

TIME CANVAS



- NO OPAQUE STRUCTURE
- NO STRUCTURE BLOCKING VIEWS FROM PRIMARY STREETS
- DELINEATE PEDESTRIAN/VEHICULAR REALM
- BEAUTY
- SCALE & VIEW CORRIDORS
- UNIQUE
- TEMPORARY STRUCTURES
- USES ON BOTH BLOCKS
- SIMPLE
- DARK CANVAS
- ACTIVE EDGES
- EVENT SPACE / FAMILIAR PEOPLE WATCHING
- BEAUTIFUL WORK / ASID.
- TREES / SHADES / WATER
- SUN
- VISUAL / INBEST REALM

IMAGINE.....

1. TREE LAWN EDGE
2. CAPE SIDEWALKS
3. TREE CANOPY W/ PLANTINGS @ EDGE OF SQUARE
4. SUNNY OPEN LAWN IN CENTER
5. INTERACTIVE WATER FEATURE focal Element
6. TEMPORARY CANOPY FOR LARGE GATHERINGS



A Decade of City Anniversaries



Promoting Our Own

- In 2003, Employment Services processed 4,596 applications; 538 positions were filled and 105 of those positions were filled through promotions of City employees!



Employment Services

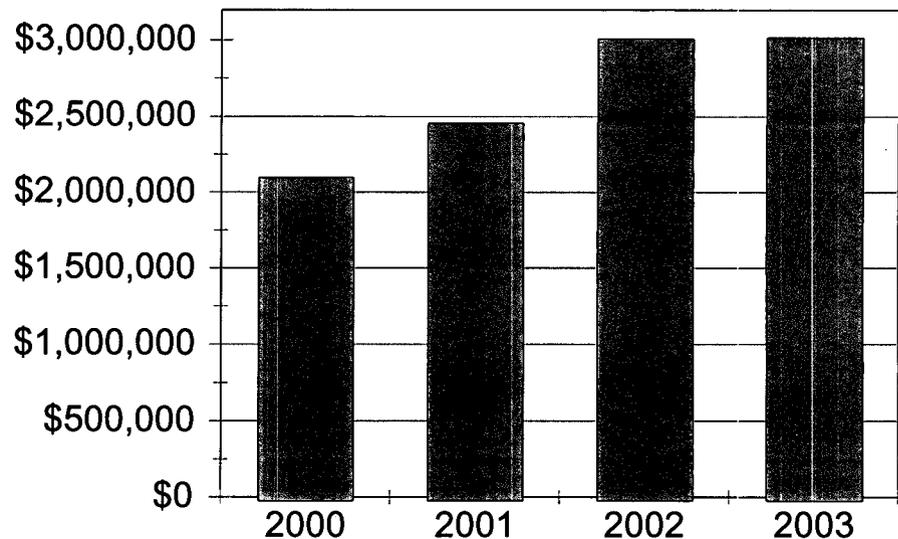
- The duties of 182 employees were reviewed to ensure accuracy of job descriptions and competitive compensation.
- Began a comprehensive review and update of all Personnel Policies and Procedures to ensure consistency, ease of readability, and compliance with Federal laws and regulations.
- Five key positions filled: Sanitation Bureau Chief, Park & Tree Director, City Engineer, Residential Refuse Director, & Stormwater Director.
- Implemented computerized testing for administrative support positions.



Benefits

- Changes to the City's prescription drug plan allowed costs to remain relatively stable while nationally prescription drug costs rose nearly 20%.
- In addition, negotiations with PharmaCare regarding drug pricing and rebates will result in \$23,000 in savings annually.

Pharmacy Cost Comparisons



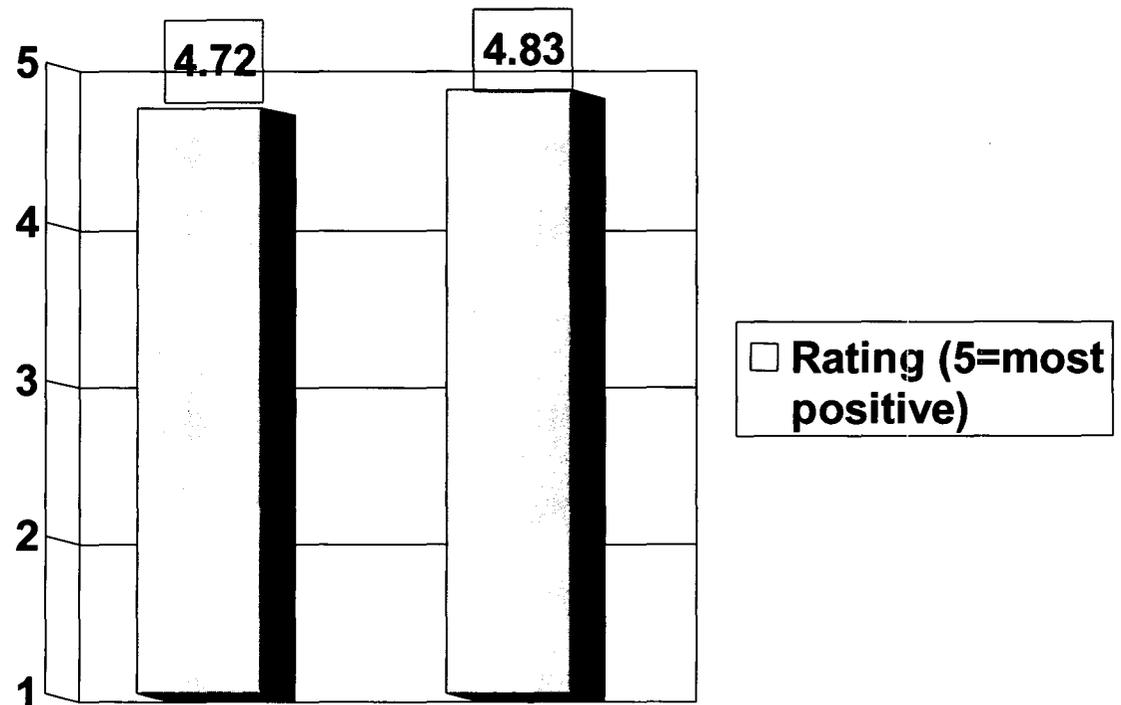
Benefits

- Paragon Benefits, in conjunction with Palmer and Cay, was selected as the new administrator for the medical plan. This will save the City \$150,000 in administrative fees during the first year.
- The Health Information Portability and Accountability Act (HIPAA) is a federal law regarding the privacy of individual health information. The City conducted HIPAA training for all employees.
- A Retirement Planning Seminar was attended by 200 employees. Participants learned about Social Security, City Pension, and ICMA Deferred Compensation benefits.

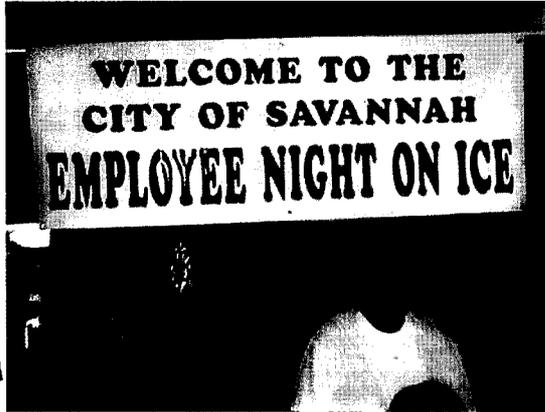


Training & Development

- In 2003, the Training & Development division offered 908 hours of in-house training to City employees.
- Training evaluation ratings improved in 2003.



Employee Events

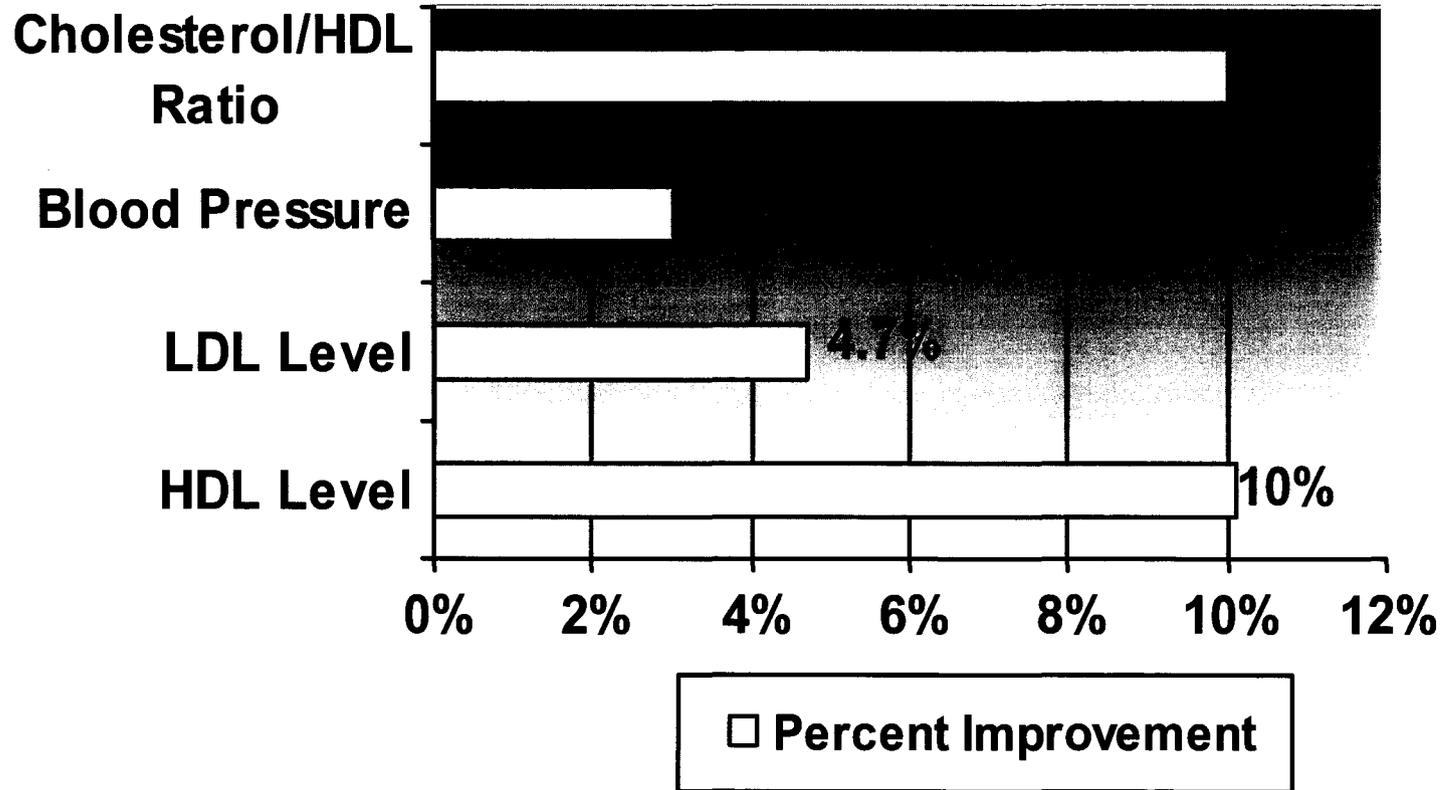


Employee Wellness

- For the 6th year the City of Savannah Wellness Program has exceeded the national benchmark of 40% employee participation in voluntary health screening programs.
- Over 60% of City employees participated in the annual health screening eclipsing national averages by 20%!



Health measures show considerable improvement



**City Of Savannah Group Data From Repeat Participants (N=968)
In The Annual Health Screening 2002-2003**



Employee Relations

- Communication Teams from each of the City's eight bureaus participated in all employee events including a City-wide Blight Elimination Project.
- The Employee Advisory Council consists of 13 employees representing the eight bureaus. The EAC's purpose is to voice concerns and generate improvement ideas on behalf of all City employees. This year, the EAC participated in reviewing several internal processes and policies.



Employees participate in a Blight Elimination Project

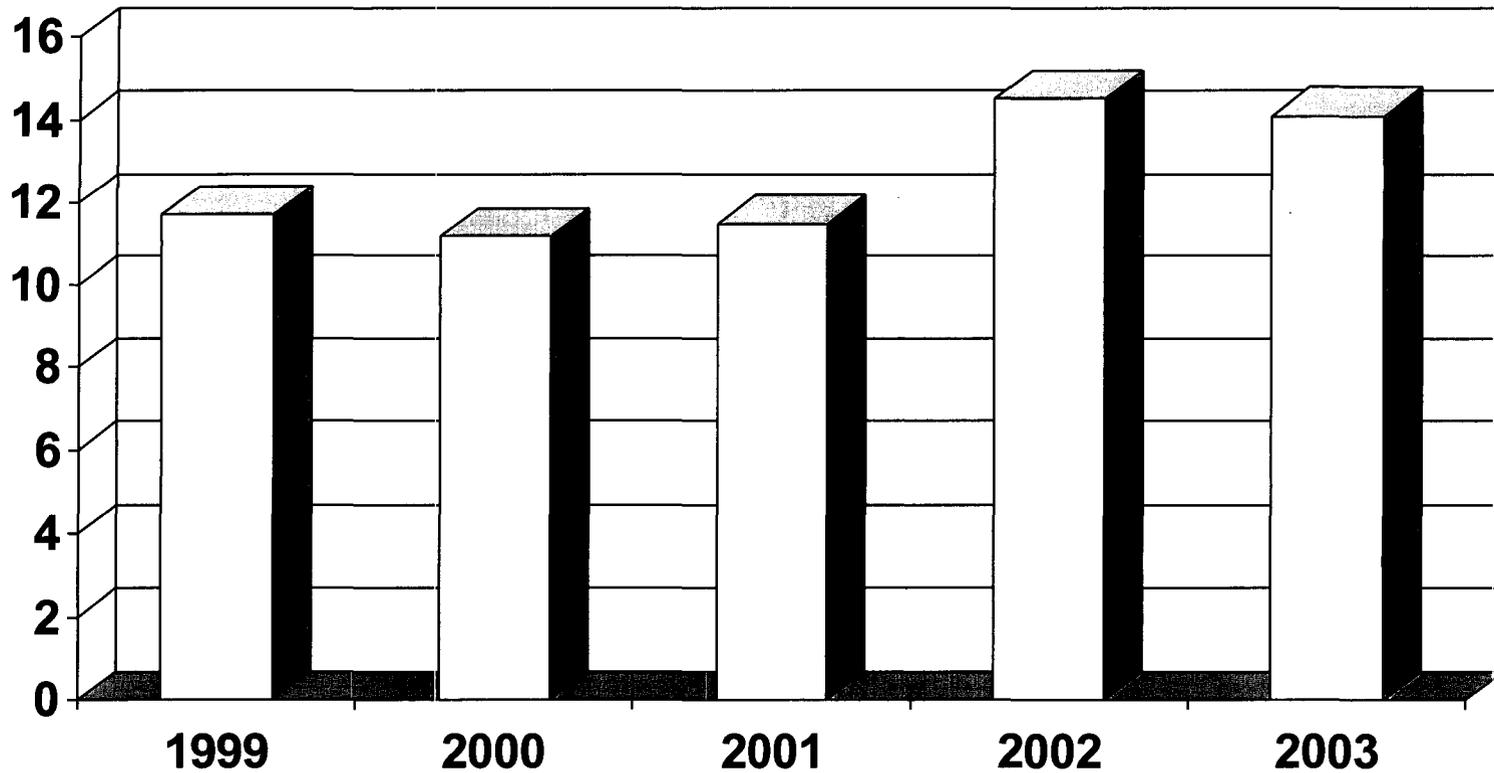


Employee Assistance Program

- In March, 2003, nine full-day training sessions were conducted for all Savannah Fire & Emergency Services employees. Topics included Debt Management, Alcohol & Drug Abuse, Stress Management, and Nutrition.
- The EAP showed a 9% increase in referrals from 2002.



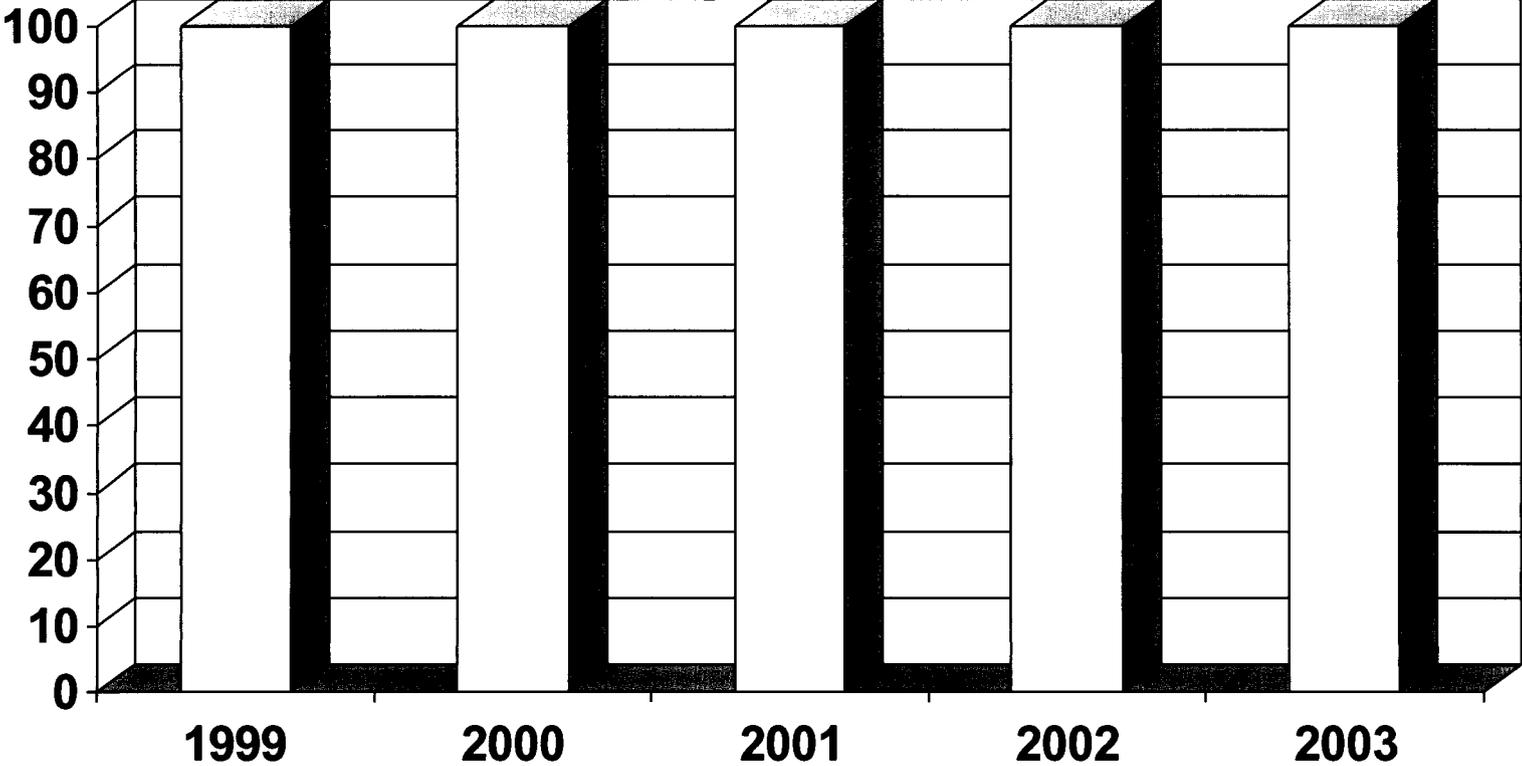
Fiscal Flexibility Maintained by keeping a Reasonable General Fund - Fund Balance



□ Fund Balance as % of Expenditures



All Cash Balances of the City Invested and Earning Interest or Banking Services



□ Percent of Available Cash Invested



City Bond Credit Ratings

- Credit rating for City general obligation credit has remained stable by both agencies at AA3 (Moody's) and Aa (Standard & Poor's).
- Credit rating upgrades for the Water and Sewer System were awarded by Standard & Poor's from AA- to AA+, and by Moody's from A1 to AA3.
- Maintaining a high credit rating lowers the City's interest rate on future borrowings, allows the city flexibility of structuring transactions, and provides independent indication of the City's good financial position.



Information Technology 2003 Accomplishments

- Red Light Camera Billing
- False Alarm Registration & Billing
- New Intranet for Employee Communication
- Secured new URL www.savannahga.gov
- New E911 System
- New Police Records Management System
- Office XP Rollout Completed
- Pictometry Images Delivered



IT Installs & Supports PCs at the Community Centers

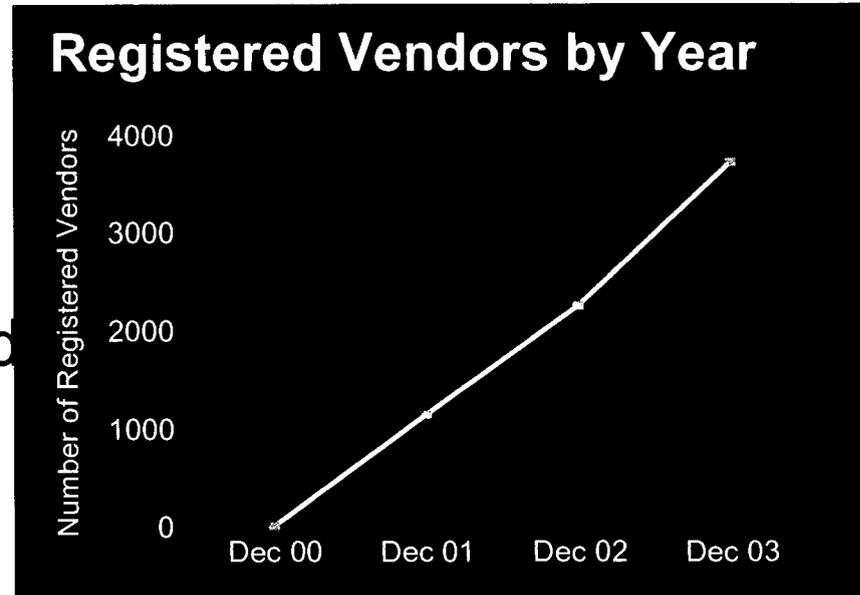
Location	# of PC's
ADULT DAY CARE	2
CARVER HEIGHTS	7
CRUSADER	5
DELAWARE	11
EASTSIDE	9
EASTSIDE GOLD	5
GRANT	9
HUDSON HILL	7
LIBERTY CITY	9
MARY FLOURNOY	7
MOSES JACKSON	27
STUBBS TOWER	6
TATEMVILLE	11
TOMPKINS	9
TREMONT	7
WINDSOR FOREST	14
WOODVILLE	5
W.W. LAW	12
YAMACRAW	6
TOTALS	168





Vendors' use of the City's internet Purchasing system called **Webbids** continues to rise. Purchasing site received over 30,000 visits in 2003.

Webbids allows vendors to receive fax and e-mail bid notifications, download bids, view bid tabs and locate minority and woman owned businesses for bid opportunities.



www.savannahga.gov a hit



The City of SAVANNAH
Official Government Site

Home Services Search

Government
Living
Business
Visiting

Sign-up Now for Business Training and Construction Industry Seminars
Current classes for contractors, aspiring entrepreneurs and existing business owners interested in starting or improving their businesses.

Now on the Web! Community Planning & Development
We encourage you to browse the new CPD web section where you can learn how the City helps revitalize and support communities through various grants and programs

SAGIS
The Savannah Area GIS (SAGIS) is an infrastructure management, community planning, and regional economic development tool for Chatham County and neighboring communities. Make City maps here!

Events
Savannah Civic Center
Cultural Affairs
S.P.A.C.E. Gallery

City Code
The Clerk of Council Announces the New Online Savannah Code of Ordinances

Public Safety
Savannah-Chatham Police
Crimestoppers
Fire and Emergency Services
Disaster Management

City News
Citizen's Academy
An 8 week course on City services and policy, designed just for you!

Free Income Tax Preparation
Beginning January 16 at the Savannah Entrepreneurial Center.

G-8 Summit
See what community leaders have to say about the G-8 Summit

Mayor Johnson's Vision Statement
Objectives for a "safe, environmentally healthy, and economically thriving community."

Mayor's Inauguration Speech
Read Mayor Johnson's remarks from his January 3rd address.

Pay Your Parking Tickets ONLINE
Pay Parking Tickets

Recreation Services Online
Mission: to meet the needs of youth, adults and senior citizens by providing convenient, affordable and accessible recreational activities.

Council Retreat 2003
On the weekend of July 16, City Council members met in Hilton Head for their annual retreat. View presentations on their topics of discussion.

- 2.1 Million Visits
- 17,272 Parking Citations Paid
- Applications include:
 - Site Plan Review
 - Bids & RFPs
 - Red Light Video
 - Service Requests
 - Court Dockets
 - And more!



Equine Sanitation Program proves effective

- 75% reduction in standing spills
- Substantial reduction in customer complaints



Multi-Space Parking Meters improve customer service

- Seventy five of the eighty multi-space, solar-powered meters installed
- each meter can replace up to 12 single head meters – reducing sidewalk clutter
- Meters accept coins, bills and credit cards
- Initial experience show 7% increase in revenue from new meters



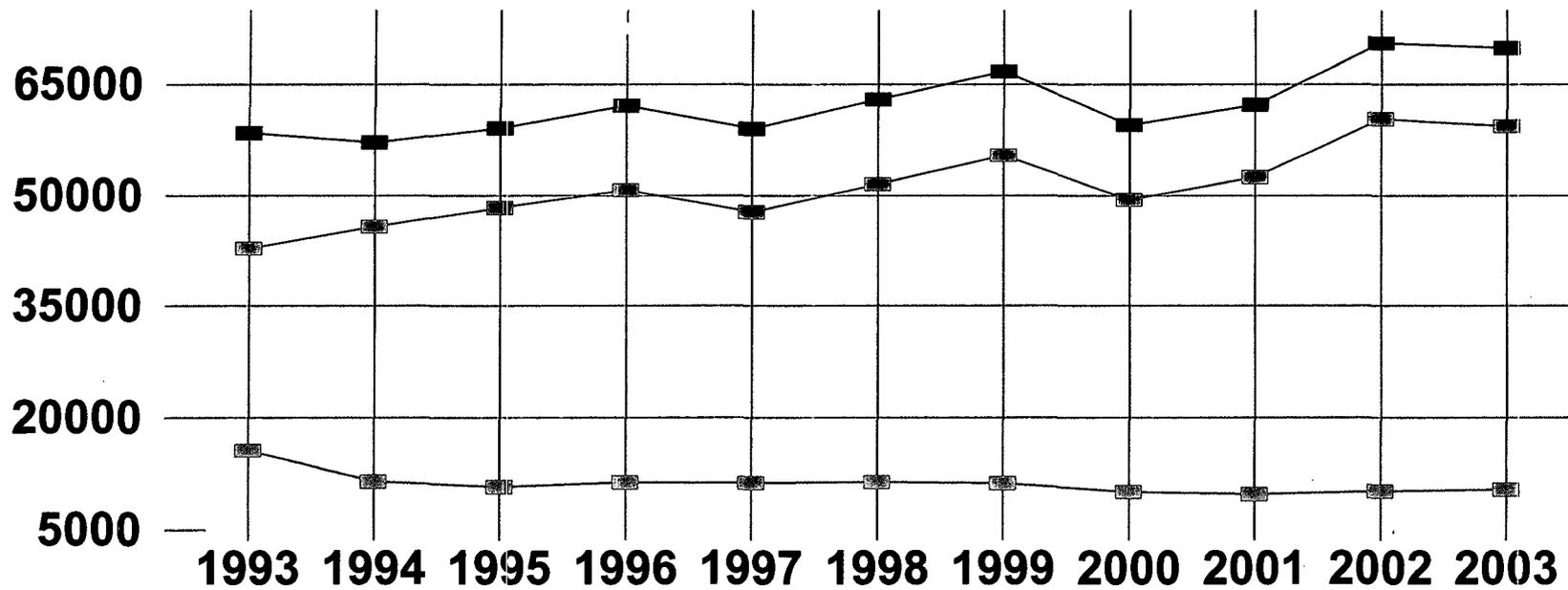
Recorder's Court of Chatham County

- Review of the numbers for 2003
 - Traffic charges: 59,467
 - Local Ordinance charges: 2,556
 - Misdemeanor charges: 8,118
 - Felony charges: 4,164
 - Subpoenas issued: 49,764
 - Fines and fees collected: \$5,581,837



Recorder's Court of Chatham County

Traffic and Criminal Case Filings



Recorder's Court of Chatham County

IMPROVED FELONY BOND/FIRST APPEARANCE PROCESS

- Results
 - All participants are involved within 24 – 48 hours after arrest
 - Earlier involvement has created opportunities for defense and DA to assess the charges and place certain charges on a faster track
 - Earlier disposition (bind over, reduction in charge, or dismissal) creates opportunities to hear more serious charges earlier
 - In 2003, the average number of days from arrest to commitment hearing went from 24 - 28 days to 7 - 10 days
 - the court held preliminary hearings on 16% of felony charges within 24 hours of arrest



Recorder's Court of Chatham County

SAINT PATRICK'S DAY

- In 2001, began conducting court during festivities
 - from 9:00 pm until 6: 00 am
- Sessions conducted at courthouse and at Chatham County Detention Center
- Reduces number persons booked into jail
 - Persons charge with Local ordinance offense are brought to the courthouse
 - Persons charged with felony and misdemeanor charges are booked into the Chatham County Detention Center
- Typically, over 300 charges filed
 - Local ordinance violations
 - Misdemeanor charges
 - Felony charges



Research & Budget receives award



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

City of Savannah

Georgia

For the Fiscal Year Beginning

January 1, 2003

President

Secretary



Purchasing



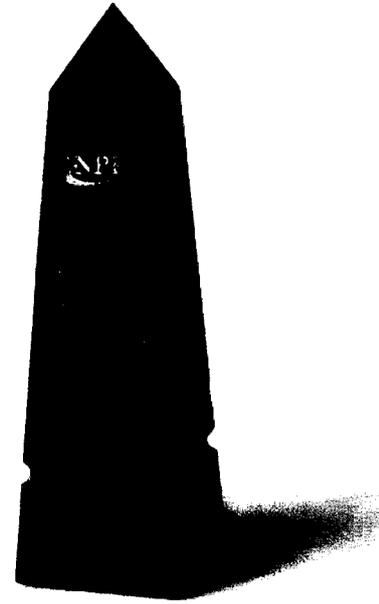
Purchasing Staff with their Achievement of
Excellence in Procurement Award



Purchasing Accomplishments

2003 Accomplishments

- Received Excellence in Public Procurement award from National Purchasing Institute.
- Over \$13,000,000 in awards to minority and woman owned businesses.
- Over \$38,000,000 in awards to local businesses.



Purchasing by the Numbers

- **Purchasing handled 369 formal sealed bids, 160 requests for quotation and 974 telephone quotes.**
- **The dollar amount handled by Purchasing more than doubled in 2004 to over \$82,000,000 due to several major construction projects including the Dean Forest Landfill Expansion, Liberty Street Parking Garage and the Casey South Drainage project.**
- **Purchasing conducted two formal training sessions for employees on purchasing policies, procedures, ethics and the Minority and Woman Business Enterprise Policy.**

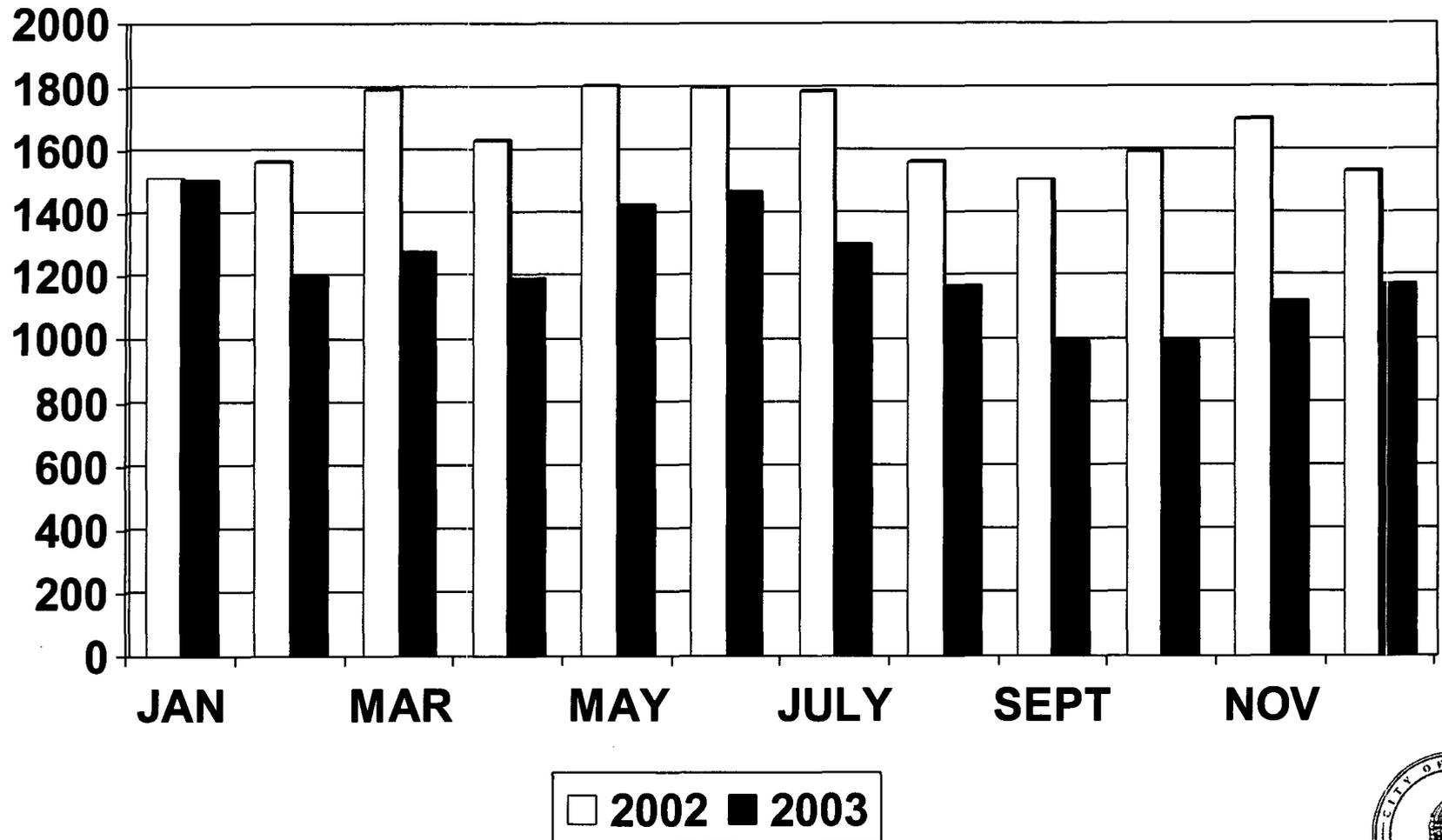


New ordinance reduces false alarms

- Registered 6,051 alarm users during 2003
- Collected \$105,000 in registration fees
- Issued 7,321 notices for false alarms
- Collected \$77,000 in false alarm fines
- Reduced false alarms 30% in 2003 as compared with 2002



False alarms down 30%



Mixed drink tax implemented

- Developed ordinance and submitted to City Council
- Held information meetings with business owners
- Conducted training on reporting system for business owners with state consultant
- Began collecting tax effective July 2003
- Collected \$249,000 during 2003 exceeding projections



Remittance Processing System

- Installed remittance processing equipment to expedite and improve non-cash processing capability
 - Micer-encode and image non-cash payments reducing banking fees
 - Enhance internal controls
 - Reduce physical storage requirements
 - Improved customer service response for payment inquiries



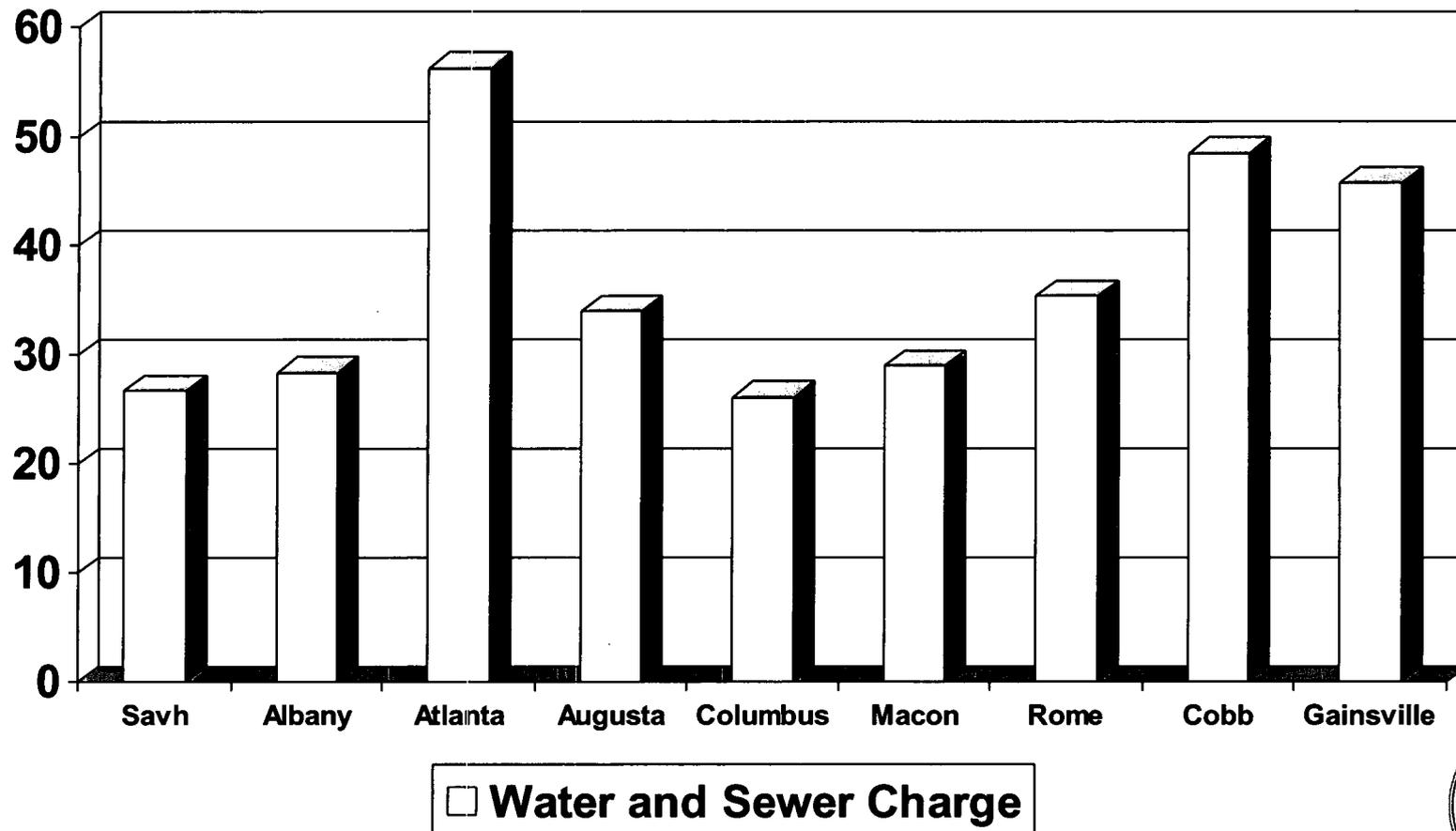
Water and Sewer Rates are Among Lowest in State

- Out of 47 utilities in Georgia, Savannah's water rates are 2nd lowest.
- Out of 47 utilities in Georgia, Savannah's sewer rates are 10th lowest.
- Combined water and sewer charges are the 5th lowest in the state out of 47 utilities.
- These low rates have been maintained even as the system undertook \$98 million in capital improvements and expansion over the past 10 years.

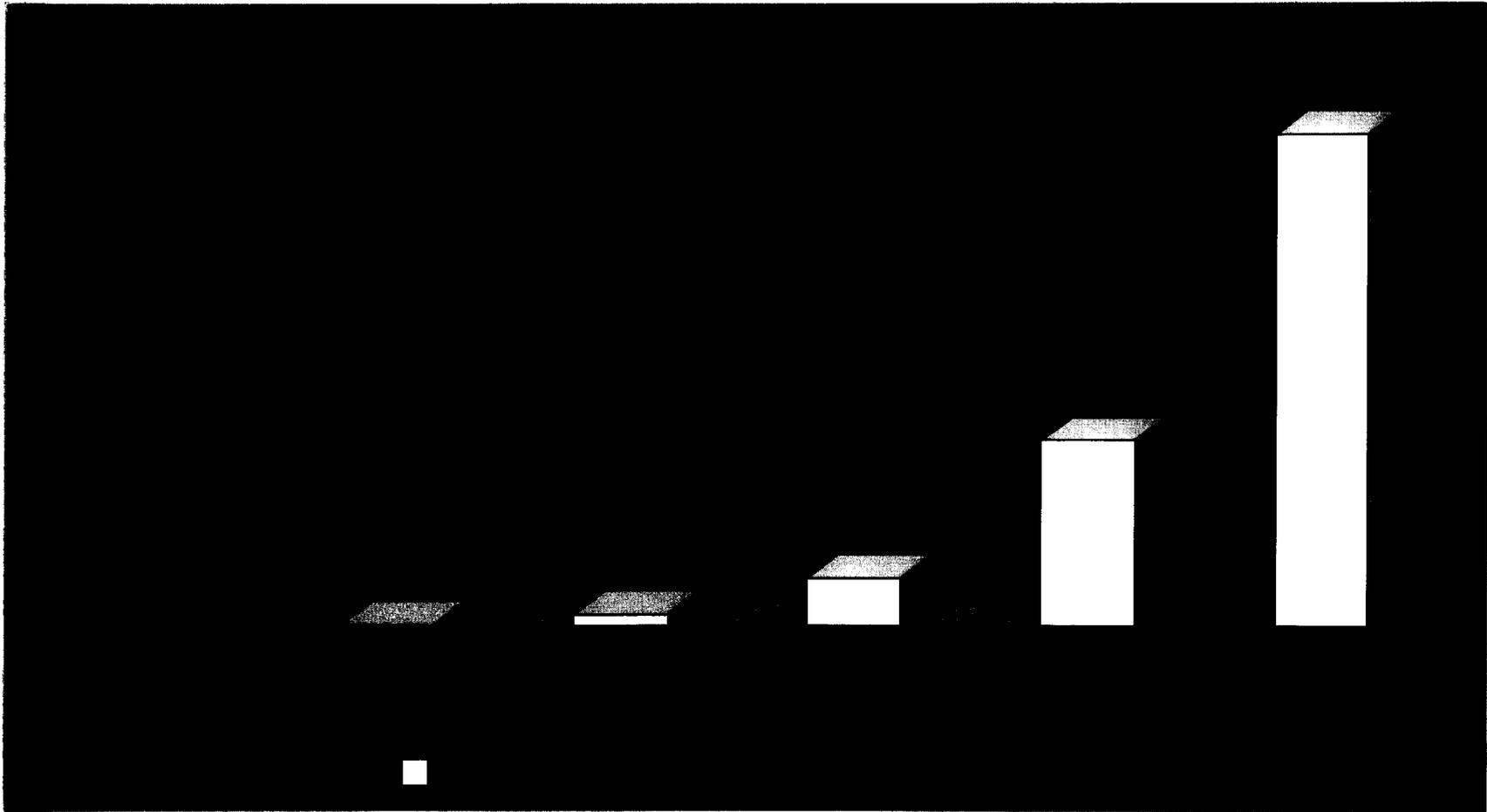


Water and Sewer Charges for Major Georgia Water and Sewer Utilities

(for monthly use of 7,500 gallons)

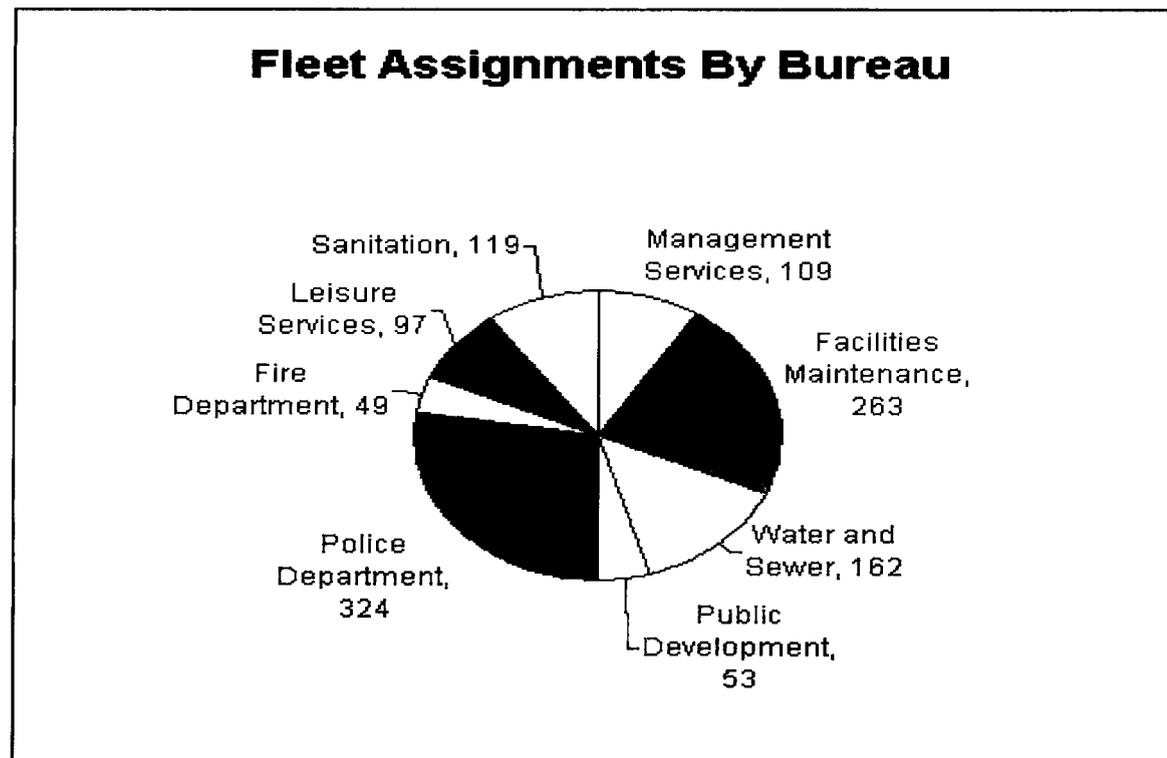


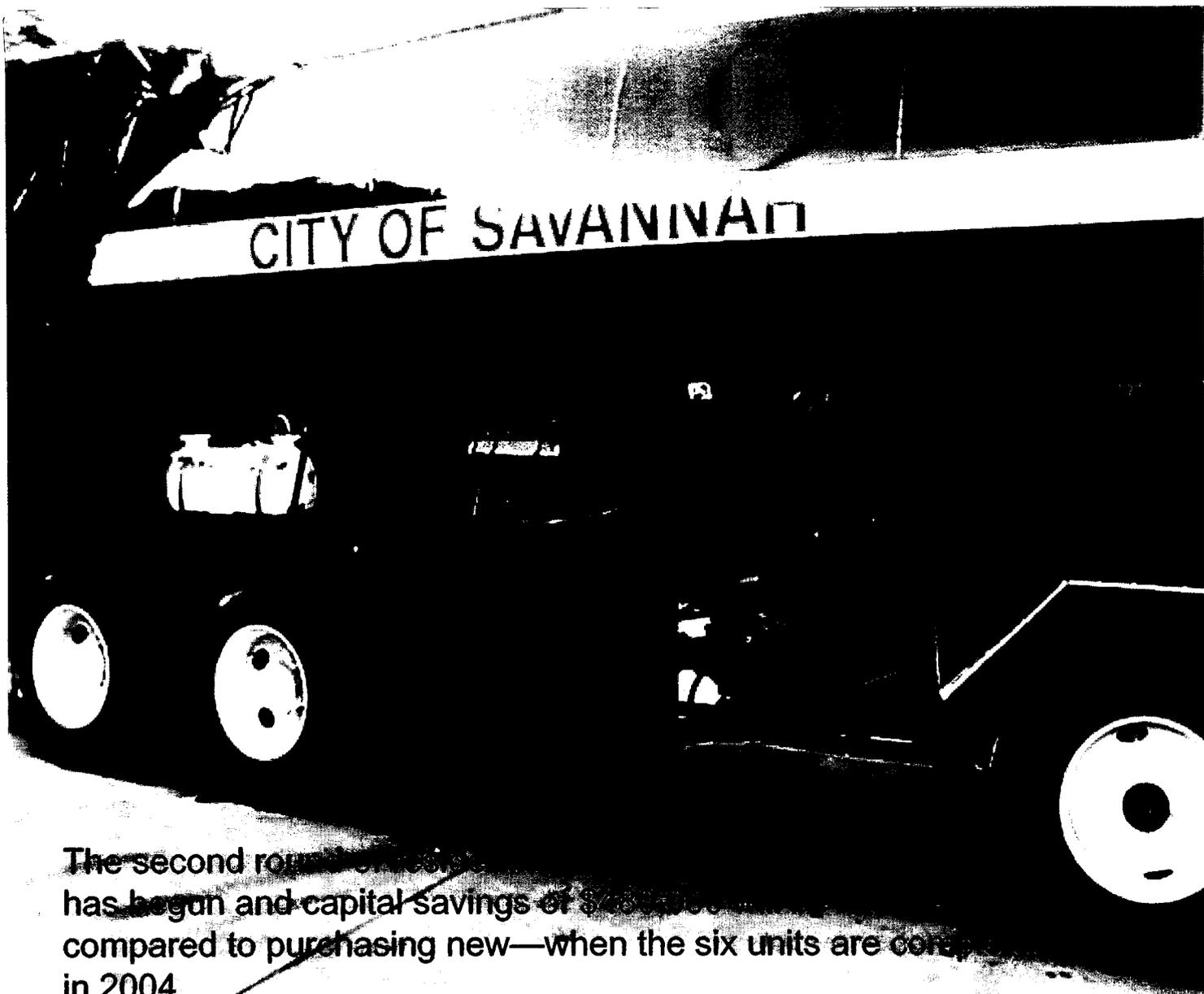
Savannah Water System has increasingly provided water to other municipalities on a wholesale basis



VEHICLE OPERATIONS REPORT

- Vehicle Operations maintains 1,176 vehicles or specialized equipment assigned to city bureaus as shown in the following chart





The second round of asset
has begun and capital savings of \$480,000
compared to purchasing new—when the six units are completed
in 2004.

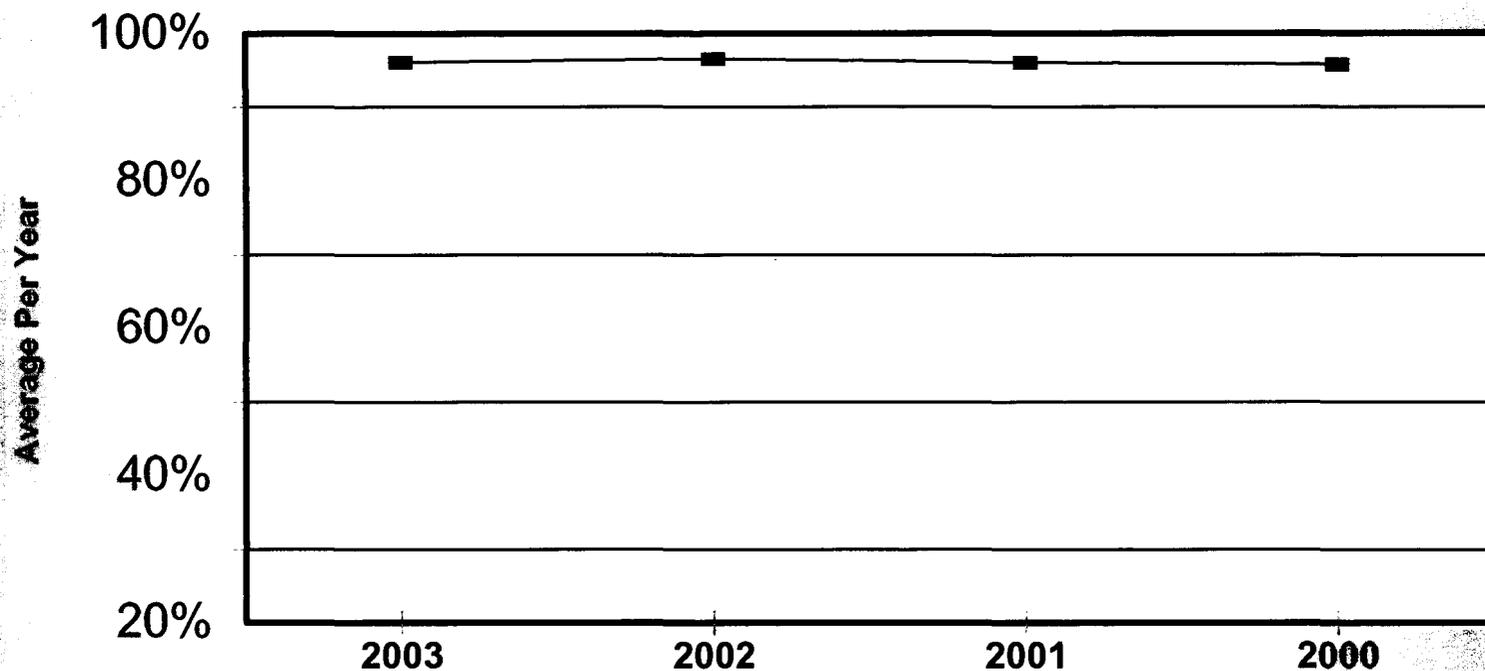


Measures in Vehicle Maintenance

- 3,521 preventive maintenance procedures performed in 2003 an increase of 8% over 2002 and equals 30% of all work orders for the year (11,859).
- Expenditures for the three departments totaled \$4,165,378 or 95.03% of the budgeted amount—a savings of \$217,403.



Fleet Availability

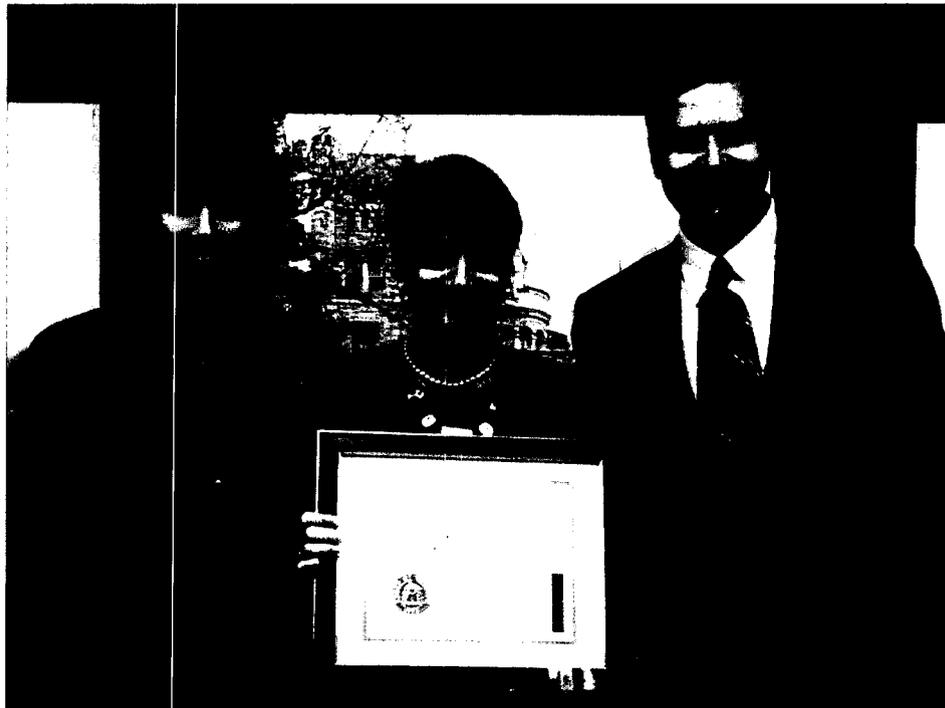


Overall fleet availability has remained constant between 95 and 96.5 percent.



Municipal Research Library

The Municipal Research Library receives “Award for Excellence in Archival Program Development”



New Municipal Archives and Records Center Annex Planned



Auditing Compliance Reviews

Worker's Comp Third Party Administrator

- Fixed Asset Verification
- Vehicle Outside Repair Process
- Vehicle and Equipment Inventory
- Revenue testing (done monthly)
- Policy and regulations compliance



Auditing Management Advisories

- Policy Revisions and clarifications
- Inventory Verification (12 annually)
- Outside Agency Reviews (ex: Waterfront Association/St Patrick Festival)
- Working Fund Verification (17 annually)
- Bank Account Reconciliations (22 monthly)
- FLSA issues



Improvements to Risk Management System

- New Third Party Administrator
 - November 1, 2003

- New Claim Reporting Process
 - More Efficient System
 - Better Accuracy for Benchmarking



Reducing Risk Management Costs

- “In-House” System For Bill Review
 - Staff Member Added
 - Savings of \$170,423.47 First Six Months
- Risk Administrator Negotiating Lower Costs in Medical Care
- Changes in Panel of Physicians
 - Cooperating to Return Employees to Work



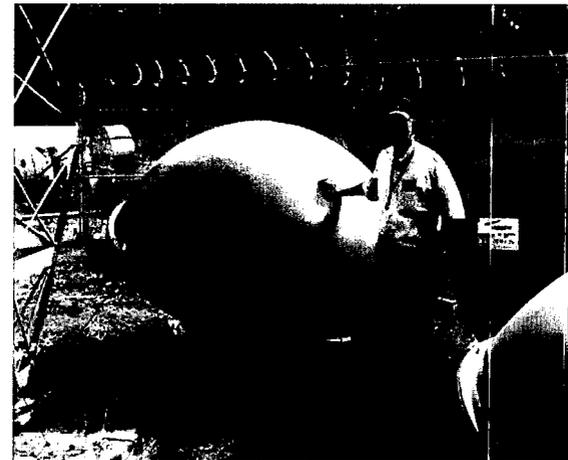
Tele-electronic accomplishments

- Installation of Microwave radio to support operation of 800 Mhz radio system
- Office of Domestic Preparedness Communications Interoperability Grant
- SFES Hazmat Vehicle Communications Interoperability
- Fiber Optic Transport equipment for Positron E911 system
- Premier of “Radio Waves” Column in Cobblestone News
- Development and presentation of first “Basic Radio Operator” Class through Human Resources
- Participation as a presenter in Industrial Design Charette at SCAD



Microwave radio installation

- Installation and start up of the Harris Constellation Microwave Radio System
- Installations were done at the Kerry Street Radio Site, Chatham County Courthouse (Montgomery St.) and at the Pooler Radio Site
- The Microwave system replaces the very unreliable Bell South T-1 Data lines with ultra reliable connectivity to the radio sites that carry 85% of the City's radio communication
- Vast improvement in radio system reliability



Interoperable Communications Grant

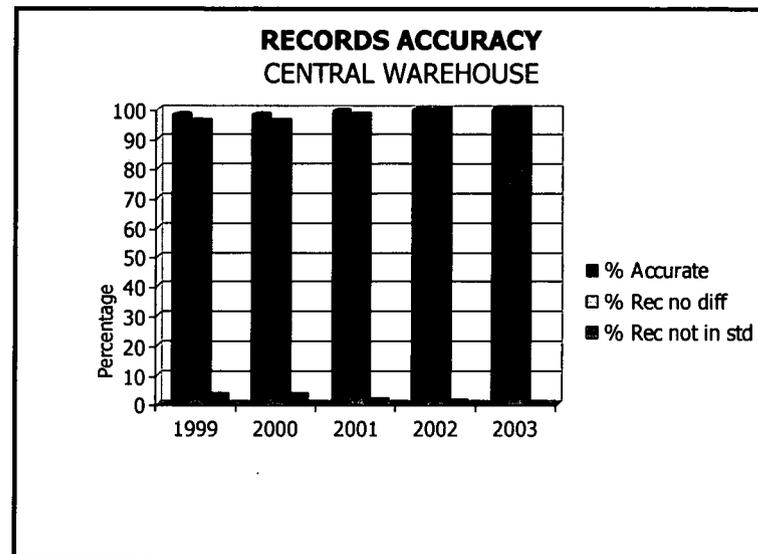
- The division applied for and received \$83,000 in grants from the US Department of Homeland Security, Office of Domestic Preparedness
- The grant funds were sought to purchase and install the necessary communications equipment to fully outfit the SCMPD command vehicle as a communications interoperability platform.
- Installation will be completed in early 2004



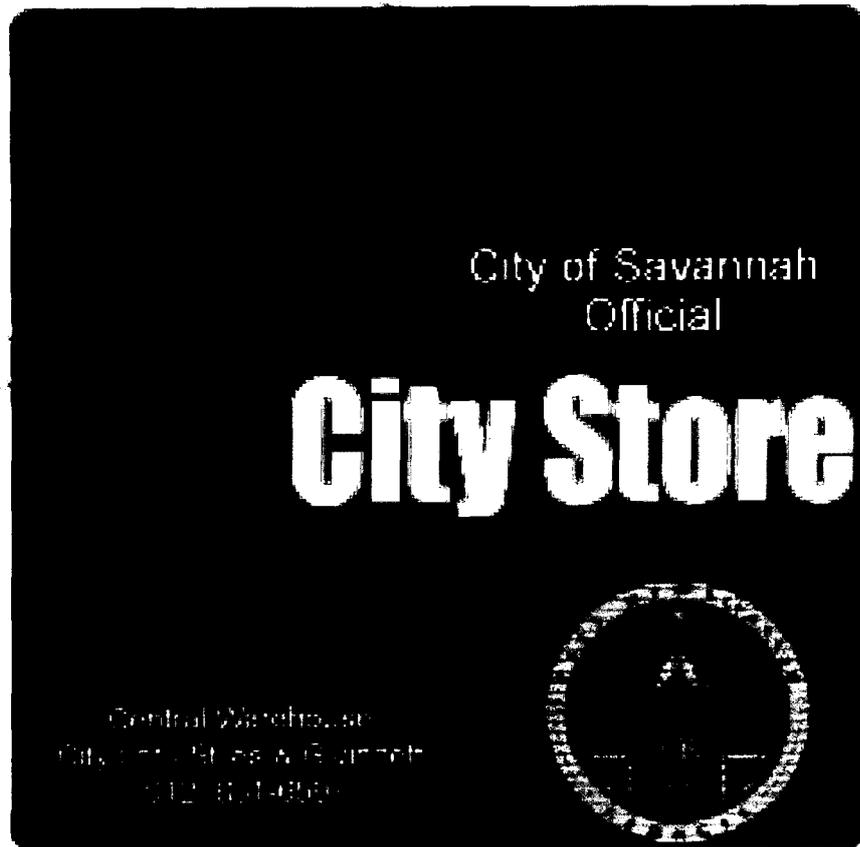
CENTRAL WAREHOUSE ANNUAL INVENTORY

Records accuracy for 2003, as established by the Annual Inventory of the Central Warehouse, was 99.93% with 99.6% of the records showing no difference. A comparison of prior year's accuracy rates are shown below:

RECORDS ACCURACY PERCENTAGE			
	% Accurate	% Rec no diff	% Rec not in std.
1999	97.7	95.2	2.3
2000	97.7	95.5	2.3
2001	99.1	97.7	0.9
2002	99.49	99.32	0.51
2003	99.93	99.57	0.07



“City Logo Store” – Online September 8, 2003!!!



- Now employees can place orders for all the terrific City of Savannah Logo merchandise, like golf shirts, umbrellas, coffee mugs and more!
- View the products, make your selections and have the order ready to go when you arrive at the Central Warehouse!
- Just click the link on the City Intranet page, then login using your Internet name and password and let your fingers do the shopping!



Mystery Shopper Survey

Hospitality Center

- Mystery shopping occurred between July 15th and August 4th. The assessment measured four categories:
 - Customer Service
 - Appearance and cleanliness of facility
 - Quality of information
 - Overall experience
- Findings suggest that the Center is providing high quality customer service and information to its customers, as well as, maintaining the facility in good condition.
- 87.5% of respondents rated their experience as “excellent” or “good”.
- 12.5% rated their experience as “fair”.
- No shoppers rated their experience as “poor”.



Hospitality Center – Visitors Served

2003			
	10:00 – 8:00	8:00 – 10:00	Total
January*	15,684	-----	15,684
February**	22,814	-----	22,814
March	53,484	10,159	63,643
April	99,310	4,609	103,919
May	121,224	6,071	127,295
June	111,852	6,151	118,003
July	138,029	10,436	148,465
August	93,540	6,801	100,341
September	44,409	3,694	48,103
October	100,592	5,009	105,601
November**	37,891	-----	37,891
December*	21,424	-----	21,424
Total Visitors	860,253	52,930	913,183

*Closes at 6:00

**Closes at 8:00



Bureau of Public Development

2003 Annual Report



Major Accomplishments

Community Planning and Development

Awarded \$35,000 to four (4) Community-

Based Development Organizations (CBOs)

to improve property conditions

(Carver Heights, Pine Gardens, Guyer-

Brownsville, West Savannah)

OUTCOMES:

- 106 properties maintained throughout

growing season

- 300 motion detector lights installed to

improve home security

- 150 fans distributed to the elderly

- 2 handicap ramps built

- 8 metal railing installed

- 4 houses pressure washed

- 50 planters built to beautify properties



Community Planning and Development

- **Probation/Parolee Community Services Worker Program**
 - 8 neighborhood-wide clean-ups utilizing 84 community service workers
- **Summer Paint Program**
 - Assisted 88 homeowners with applications and needed documentation
- **Beautification Projects**
 - 600 Blk of W. 35th Street
 - Graffiti Removal: 500 & 600 Blk W. 36th Street
 - Painted 1 Midtown house
 - Purchased & installed 26 trash receptacles



Community Planning and Development

Keep Savannah Beautiful Program

- Great Savannah Clean Up: Collected 214 tons of debris
- Waste Tire Round-up: Collected 315 waste automobile and truck tires
- Bring One for the Chipper: recycled over 8,000 Christmas Trees
- Directory Recycling Operation: collected 94 tons of old directories
- Implemented new Clean Business Seal program
- Coordinated two community service clean-ups with Atlanta Americorp and Savannah/Jenkins High School Kappa League



Community Planning and Development

- **Super Saturday Mini-Institutes: 400 Participants**
- **Follow-Up Series Workshops: 133 participants**
- **Faith-Based Capacity Building Initiative: 11 organizations**
- **Implemented new Technical Assistance for Community Associations (TACO) Program, (individual development support for neighborhood associations).**
- **Partnered with Parent University to provide training and link participants to neighborhoods.**
- **Provided orientations on Individual Development Accounts.**



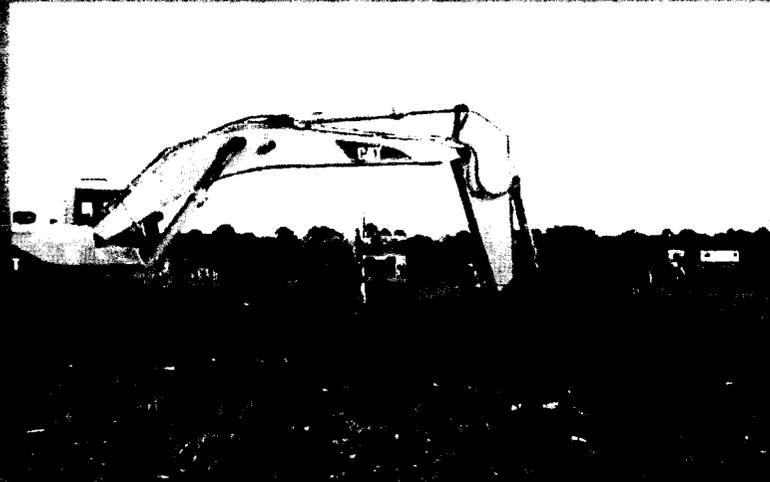
Community Planning and Development

- **2003 Adoption of Eastside Neighborhood and Benjamin Van Clark Neighborhood Redevelopment Plans**
- **Completed draft of Midtown Neighborhood Redevelopment Plan**
- **Completed Neighborhood Demographic Profile of Census Tract Data by neighborhoods**
- **Negotiated CDBG Grants with 29 agencies**
- **In partnership with outside agencies**
 - Completed 5 grant applications
 - Provided social services to 5,000 low and moderate income persons
 - Completed 10-unit housing complex for persons with HIV/AIDS.



Engineering Department

Dean Forest Rd. Sanitary Landfill



- Dean Forest Landfill project is under way. Engineering Department is providing project management and technical support. The picture above shows one of the three test pits that were done to check for odor of buried trash.

Engineering Department

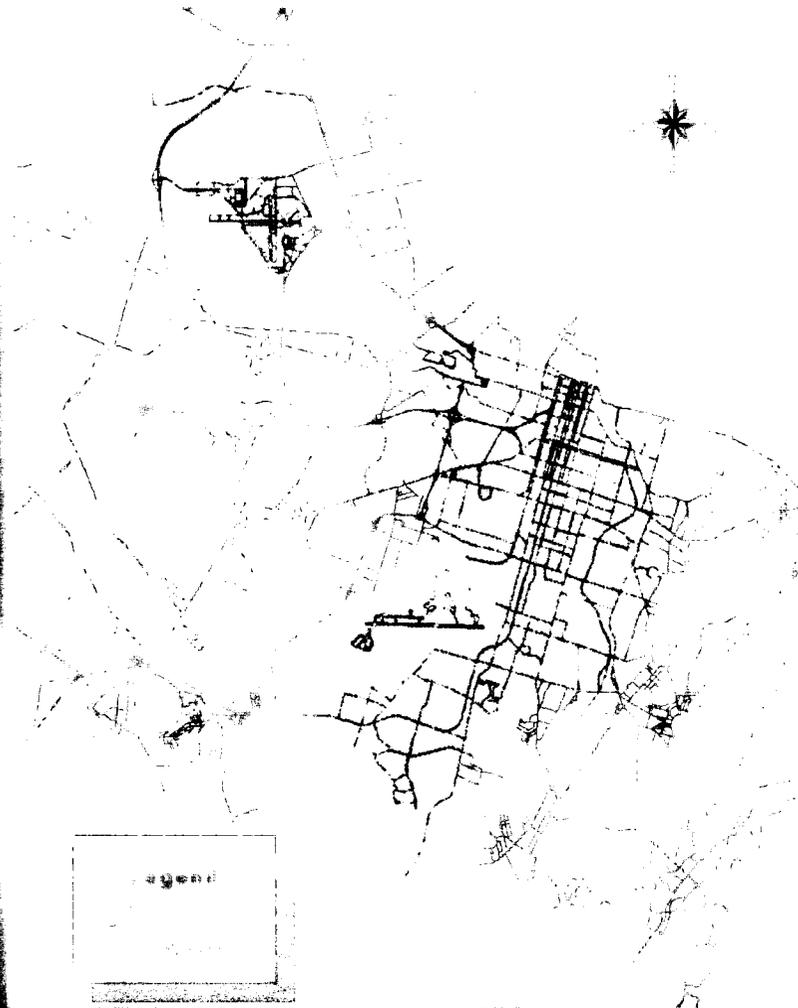
Survey Crew



- ▮ The Engineering Department's survey crew provides services and assistance to other City Departments upon request. Some of those services include: title searches, tree location, plat reviews, right-of-way location, property line location, level surveys. A total of 153 survey requests were handled in 2003.

Engineering Department

GIS SERVICES



- GIS personnel provide services and assistance to other City's Departments, government agencies and the general public upon request.
- They have been recognized for their important contributions provided to the City.
- A total of 312 map requests were handled in 2003.
- Provided technical and legal information used for annexations and the census.
- Conducted property searches
- Maintained the City's GIS database
- Provided technical support for Special Projects
- Created technical maps and drawings.

Engineering Department

PRIVATE DEVELOPMENT SERVICES



- Performed 2,160 inspections of Private Development projects during 2003. These inspections cover water and sewer, paving and drainage installations as well as erosion control measures.

Economic Development Department

Minority/Women-Owned Business Enterprise Program

Since the establishment of the City's new M/WBE initiative in October 2002:

- **42% increase in the number of registered vendors with the City of Savannah**
- **More than 1,500 vendors have registered online with the City's purchasing department**
- **Statistics of 2003 reveal that the City of Savannah had an overall increase in participation by minority and women-owned businesses compared to 2002**

Minority Business Participation (1999 - 2003)

	1999	2000	2001	2002	YTD 2003
MBE Award					
Construction Awards	\$216,363	\$1,020,460	\$983,213	\$717,217	\$13,230
Subcontract	\$408,150	\$632,307	\$649,948	\$297,485	\$7,670.56 ³
Material/Equipment	\$926,470	\$14,862	\$1,107.03 ⁸	\$293,373	\$470,835
Professional Services	\$31,347	\$0	\$64,738	\$33,700	\$71,930
Subcontract	\$16,970	\$4,000		\$36,090	\$36,447
General Services	\$822,139	\$1,862,310	\$905,741	\$1,391,583	\$1,651,375
Subcontract				\$4,000	
Total Dollars	\$2,421,439	\$3,533,939	\$3,710,678	\$2,773,448	\$9,914,380

*MBE = Minority Business Enterprise. These businesses are 51% owned and operated by a minority (Africa-American, Native American, Asian, Hispanic)
 ** WBE = Women-Owned Business Enterprise. These businesses are 51% owned and operated by a woman.
 *** MWBE = Minority and Women-Owned Business Enterprise. This is a combination of MBE and WBE.

Business Development Office

- 264 documented contacts
- 30 applications for loans totaling \$1,875,000 submitted
- 10 loans totaling \$475,000 were approved
- 5 loans totaling \$329,000 were declined
- 7 loans totaling \$386,000 were withdrawn
- 7 loans remain in the approval process

MLK Revolving Loan Fund (1996-2003)

	1996	1997	1998	1999	2000	2001	2002	2003	Total
# Applications Processed	11	23	16	4	19	12	34	30	149
# Loans Approved	6	9	10	2	7	3	17	10	65
# Loans Closed	4	6	11	2	1	7	11	8	50
\$ Loans Approved	\$444,500	\$472,066	\$438,250	\$127,204	\$607,200	\$271,000	\$659,480	\$475,000	\$3,494,700
\$ Loans Funded	\$293,000	\$518,566	\$521,500	\$127,204	\$150,000	\$533,000	\$314,480	\$400,000	\$2,857,750
\$ Private Sector Leverage	\$99,000	\$611,834	\$943,250	\$1,141,653	\$65,000	\$1,323,800	\$415,400	\$48,750	\$4,648,687
# Jobs Created	20	25	27.5	5	6	1	2.5	38	125
# New Businesses Created	3	5	6	1	1	4	6	6	32
# Businesses Expanded	1	4	5	1	0	3	5	2	21
# African American Owned	3	6	9	1	1	2	5	5	32
# European Owned	1	2	2	1	0	5	5	3	19
# Asian Owned	0	1	0	0	0	0	1	0	2

Savannah Entrepreneurial Center

Business Trainer Activities	Clients Served
<p>"Business Boot Camp" <i>14-Week Business Training Course</i></p>	32
<p>"Planning for Your Successful Business" <i>10-Week Business Training Course</i></p>	8
<p><i>The Business Enhancement Series Workshop:</i></p>	22
<p>"Wealth & Taxes – How to Accumulate Personal Wealth and Grow Your Business"</p>	15
<p>"The Socially Savvy Businessperson – Etiquette for Business"</p>	
<p><i>Technical Assistance: Provided to clients by the business trainer on the basis of:</i></p> <ul style="list-style-type: none"> • Walk-ins • Call-ins • Referrals by staff, other clients, city website, radio advertisements, etc. • BDO requests 	<p>73 (this number is for unique contacts and does not include follow up contact)</p>
	5

Weed & Seed

- The Family Resource Center Computer Lab served 253 youth and adults.
- Economic Opportunity Authority (EOA) Computer Lab served 141 adults.
- Juvenile Outreach Project served 37 youth.
- Savannah YouthWorks connected 28 at-risk youth and young adults to job training.
- The Living Roots Project served 36 at-risk youth.
- Approximately 150 youth participated in the Weed & Seed Back-to-School Jam.
- Developed financial literacy fair in partnership with Project SAV and Neighborhood Improvement Association (NIA).
- Resurrection of the Police Activities League (PAL) in partnership with the SCMPD and Housing Authority of Savannah (HAS).

Individual Development Account Program

IDA Outcomes as of November 2003

No. of Participants		Deposits	Match	Total
Group 1	23	\$2,525.44	\$10,101.76	\$12,627.20
Group 2	20	645.04	2,580.16	3,225.20
Total	43	\$3,170.48	\$12,681.92	\$15,852.40

Group one began June 2003 and group two began October 2003

Savannah's Anti-Poverty Task Force

- 73 members representing 43 agencies and organizations.
- Successful lobbying for inclusion of Chatham County in future studies and grant opportunities of the *Persistent Poverty in the South Report*.
- Increased bi-lingual advertising of United Way's 211 system.
- Gaps analysis for service provision to at-risk families; link to the faith-based community to fill gaps; development of a resiliency model.
- Organization of three working subcommittees and one ad-hoc committee.
- Development of partnerships with UGA's new Poverty Center, Georgia Cooperative Extension Service and Task Force member agencies and organizations.

Housing Department

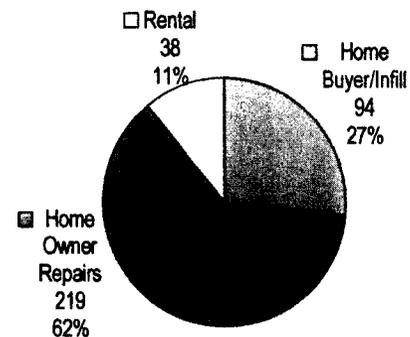
• Provided financial and technical assistance that helped improve, create and/or retain 350 units of affordable housing.

Used approximately \$3.7 million (32%) of its funds to leverage approximately \$7.9 million (68%) of private investment for a total of \$11.6 million.

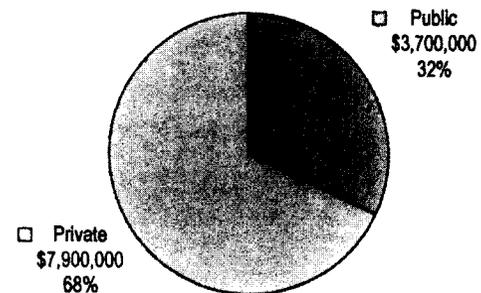


New Cuyler-Brownsville
Infill Houses Around
"Floyd Pressboy Adams Park"

FY2003 Production



FY2003 Public-Private Investment



Infill Housing Development



Eastside Infill Housing
Across From W.W. Law Center

million for the development of 23 new infill single-family infill houses in 2003. These funds leveraged approximately \$747,000 in private construction investment.

Cuyler-Brownsville Phase-I Redevelopment was substantially completed resulting in:

- 36 single-family infill homes
- a Savannah-style square
- two new streets and lanes
- installation of underground utilities and "historic" style street lighting

The City of Savannah committed about \$1.3 million for the development of the new infill houses leveraging about \$2.7 million in private investment.



Ogeecheeton Infill Housing
Using DOH Plans

Home Buyer Financing

The City provided financial assistance to 71 homebuyers through its DreamMaker programs. The City provided a little over \$1 million in down payment, closing cost and gap financing assistance. This assistance leveraged approximately \$5.2 million in private investment.



**Homebuyer And Family
Move-In Day Excitement!**

Owner-Occupied Home Improvements

The City provided about \$671,000 to help 219 low-income homeowners improve their homes in 2003. Of these, 123 homes were improved through the Volunteer Home Repair program which utilizes volunteers and neighborhood groups.

- **Volunteer Organization partnerships: World Changers, Group Work Camps, Youth Works, and Rebuilding Together.**

- **The Volunteer Home Repair Program was awarded the Georgia Department of Community Affairs Magnolia Award for Excellence in Affordable Housing in the Local Government Initiatives category.**



Rental Property Improvement and Development



Before

**Metropolitan Neighborhood
Renovations At Barnard
And West 34th Streets**

Through CHSA, Inc., approximately \$400,000 in City funds were provided to improve and retain 38 units of affordable rental housing. These funds leveraged approximately \$1.4 million in private funds.



After

Low Income Housing Tax Credits

In 2003, the City provided the assurances and financial commitments needed for the Georgia Department of Community Affairs to award two highly competitive Low Income Housing Tax Credit developments in Savannah. It is very rare for a municipality to be awarded more than one LIHTC project in the same year. These projects will be funded and constructed in 2004/2005.

Low Income Housing Tax Credit Developments, 2004

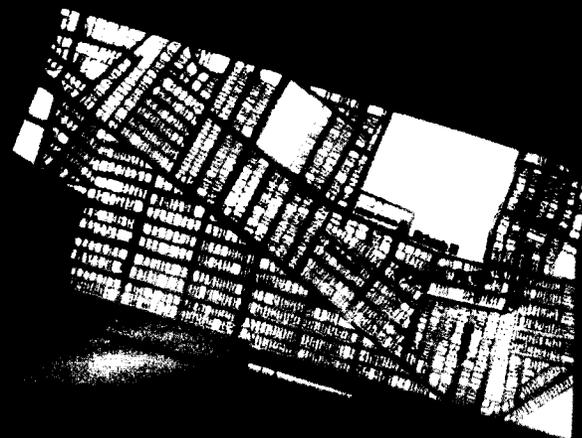
Developer	Project	Units	Private Investment*	Public Investment	Total
Mercy Housing Southeast	Heritage Corner	70	\$7.1 million	\$537,000	\$7.67 million
	Heritage Row				
Foundation	Montgomery Landing	144	\$12.1 million	\$280,660	\$12.4 million

*Private investment includes Low Income Housing Tax Credits and Historic Credits.

MURP Planning and Implementation

The Housing Department participated in the conceptualization of the MURP (Mini-Urban Redevelopment Plan), a revitalization tool that will serve to decrease blight and foster private investment and revitalization in targeted neighborhoods.

The goal is to implement 2 or 4 MURPs per year, beginning with the West Savannah Neighborhood MURP adopted by City Council last October.

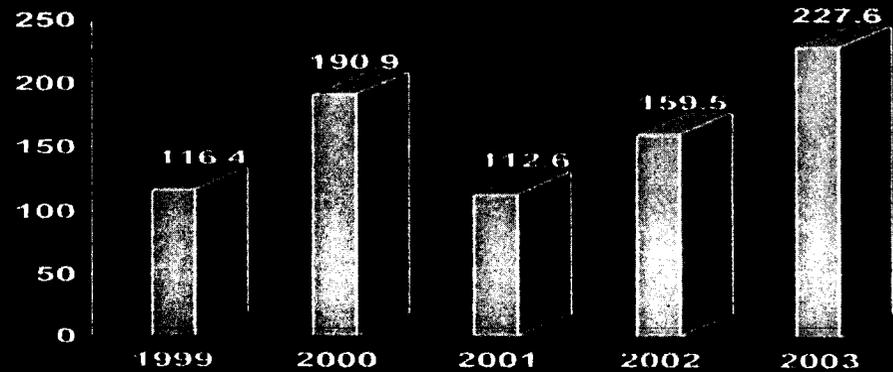


INSPECTIONS DEPARTMENT

Permits

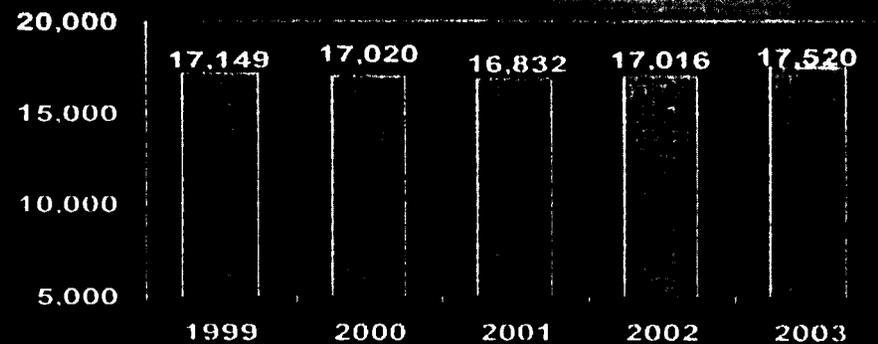
- The total value of construction projects was \$227.6 million which was the greatest volume in five years. Commercial projects totaled \$114.8 million and single-family development was \$111.5 million. This represents a 43% increase over 2002.
- 5,983 building and trade permits were issued.
- 1,790 water and sewer permits were issued.

CITY OF SAVANNAH
CONSTRUCTION VALUATION
1999 - 2003



Mansion on Forsyth Park 700 Drayton
Street

In June 2003, the Insurance Services Office, Inc. upgraded the City's Inspections Department building code effectiveness grading schedule classification from a 4 to a 3 for both one and two family residential dwellings and commercial and industrial properties. This is the highest rating in Georgia with only two other communities in the entire state having achieved this classification.



- 17,520 inspections were conducted to determine and obtain code compliance.

- Construction inspection fees generated \$1,551,167 in revenue which helped recover the majority of the cost of the services.

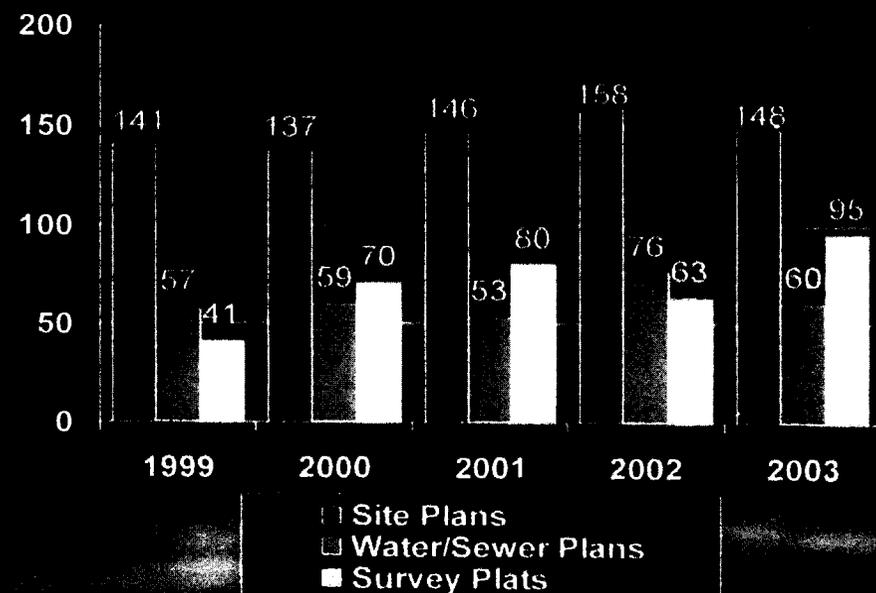
Georgia Technical Building 210
Technology Circle

INSPECTIONS DEPARTMENT

Site Development

- 148 site plans were processed in 2003. The average approval time frame remained at 28 days.
- 60 water/sewer plans were processed.
- 95 survey plats were processed.
- Changes were approved to develop a single entry point for "site development" projects. Implementation to begin 2004.

DEVELOPMENT SERVICES



PROPERTY MAINTENANCE DEPARTMENT

Code Compliances & Blight Eradication

Vacant Lot Violations

- 2218 lots were cut by owner
- 715 lots were cut by contractor at cost of \$100,227

Derelict / Abandoned Vehicle Violations

- 1,401 vehicles were moved by owner
- 287 vehicles were towed by the contractor (no cost)

Graffiti

287 graffiti sites were abated at a cost of \$13,250



2015-2016 ANNE ARUNDEL COUNTY DEPARTMENT

2015-2016 ANNE ARUNDEL COUNTY DEPARTMENT

General Property Maintenance

Violations (trash, debris, yard parking)

•4,626 compliances achieved

Unsafe Vacant Structures

- 187 secured by owner
- 78 secured by contractor at a cost of \$60,206
- 62 demolished by owner
- 88 demolished by contractor at a cost of \$53,710



Coastal

Workforce

Development



Adult Funds

(All Counties Served)

- Individual Training Accounts
 - Since WIA Beginning: 1902 customers
\$2,799,173 (Training Obligations)

\$2,300,856 (Support, Special Needs)
 - PY 2002-03: 980 customers
\$1,841,698 (Training Obligations)

\$ 912,381 (Support, Special Needs)
 - PY 2003-04 (to date): 842 customers
\$ 957,475 (Training Obligations)
 - \$1,388,475 (Support, Special Needs)



Dislocated Worker Funds



- **On-the-Job Training (OJT/NEG)**
 - **-Served 19** **\$143,996**

- **2002 Plant Closures (1,291 individuals affected)**
 - *Crystal Telacom (08/01/02)* *25 affected in Chatham*
 - *Durango Paper Company (11/15/02)* *903 affected in Camden*
 - *InterMarine Savannah (11/30/02)* *DROPPED- Company purchased*
 - *Soft Sheen Carson (11/30/02)* *40 affected in Chatham*
 - *Parisians SAKS, Inc. (01/01/03)* *60 affected in Chatham*
 - *Directorate of Readiness (1/25/03)* *138 affected in Liberty/Chatham*
 - *InterMarine Savannah (11/30/02)* *125 affected in Chatham*

- **2003 Plant Closures (349 individuals affected)**
 - *Belk's Inc. (03/01/03)* *49 affected in Chatham*
 - *Pitney Bowes (03/07/03)* *200 affected in Chatham*
 - *K-Mart Corporation (03/21/03)* *100 affected in Chatham*

- **Durango Resource Connection Center**
 - Served 581 **\$674,255.00 (Training Obligation)**
 - \$454,831.00 (Support)**

Youth Funds

(Year-Round Youth Program)

- Job Training Unlimited (JTU)
(Bryan, Camden, Chatham, Glynn, Liberty, Long, McIntosh Counties)
 - * PY 2002-03: 597 Youth served \$825,000 (Contract Amount)
 - * PY 2003-04 (to date): 377 Youth served \$728,487 (Contract Amount)
- Telamon
(Bulloch & Effingham Counties)
 - * PY 2002-03: 141 Youth served \$153,000 (Contract Amount)
 - * PY 2003-04 (to date): 113 Youth served \$149,090 (Contract Amount)



Welfare to Work Funds (WtW)

▪ **Welfare to Work Competitive Grant**

(serving Chatham County only)

Grant Award: \$4,067,000

***732 Served, 401 in Unsubsidized Employment
Placement Rate: 55%**

▪ **Contractors and Services:**

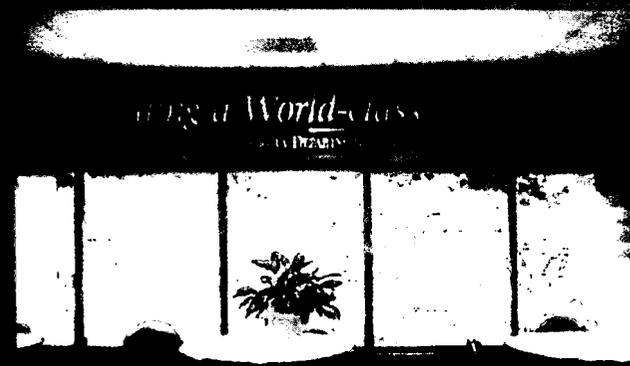
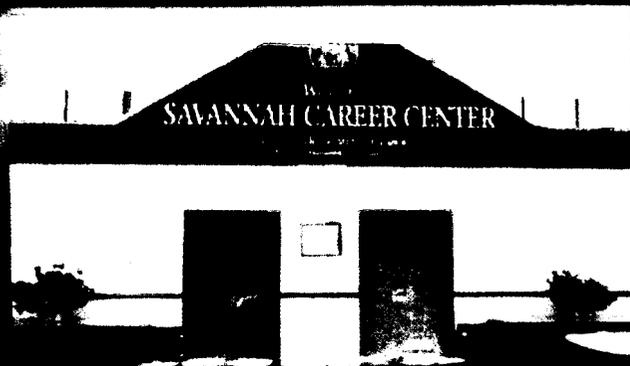
- ABC Childcare (Childcare)
- Lutheran Ministries (Childcare for TANF Recipients)
- Goodwill Industries of GA (GoodWorks!)
- Second Harvest (GoodWorks!)
- Gateway (Mental Health/Substance Abuse)
- Experience Works! (Job Readiness/Focus Training)
- Airport Express (Transportation)
- Chatham Area Transit (Transportation)
- Techno Systems (Transportation)

Savannah Career Center

Savannah, Georgia

January 1, 2003 – December 31, 2003

• Applicants Registered/Core Services	14250
• Entered Employment	3524
• Workshop Attendance	3414
• Services Provided	19590
• Unemployment Claims	10236



Performance Review

Performance Standards (2002)

Most Recent Information Received from GDOL – January 7, 2004

- | | |
|---|-----------------|
| - WIA Entered Employment Rate (Adult) | <i>Exceeded</i> |
| - WIA Employment Retention Rate (Adult) | <i>Exceeded</i> |
| - WIA Entered Employment Rate (DW) | <i>Exceeded</i> |
| - WIA Employment Retention Rate (DW) | <i>Exceeded</i> |
| - WIA Employment Retention Rate (Older Youth) | <i>Exceeded</i> |
| - WIA Skill Attainment (Younger Youth) | <i>Exceeded</i> |
| - WIA Diploma or Equivalency Rate (Younger Youth) | <i>Exceeded</i> |
| - WIA Participant and Employer Satisfaction | <i>Exceeded</i> |

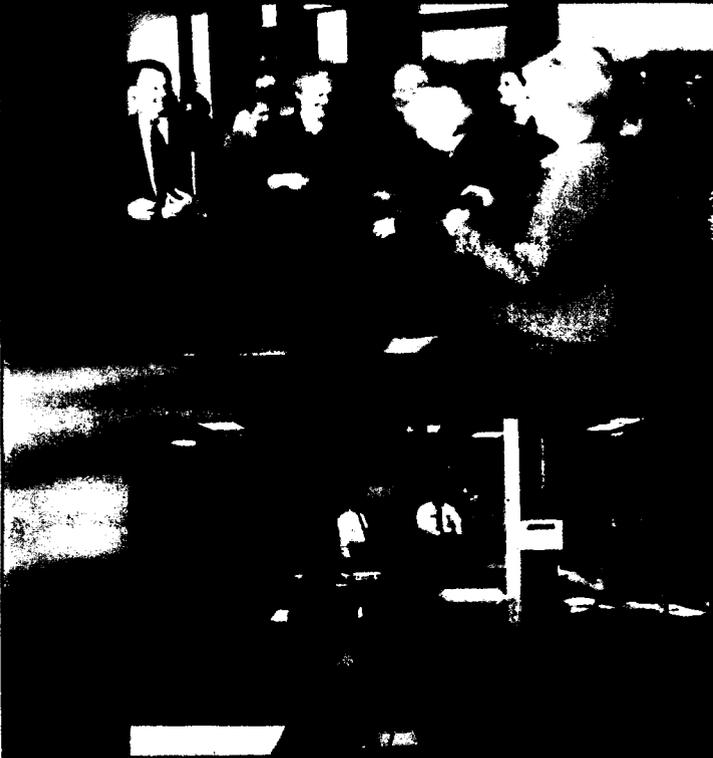
* Due to Durango Paper Mill Closing; could not replace former wages of dislocated workers.

Durango Resource Connections Center

In partnership with GA DOL, Coastal Workforce Services opened the Durango Resource Connections Center, specifically designed to assist those individuals affected by the Durango Paper Mill Closing. A \$1.4 Million National Emergency Grant provided funding for this project.

**581
Dislocated
Workers
Assisted!**

- Core Services
- Intensive Services and Training
- Employer Services
- Support Services



Workforce Readiness Academy

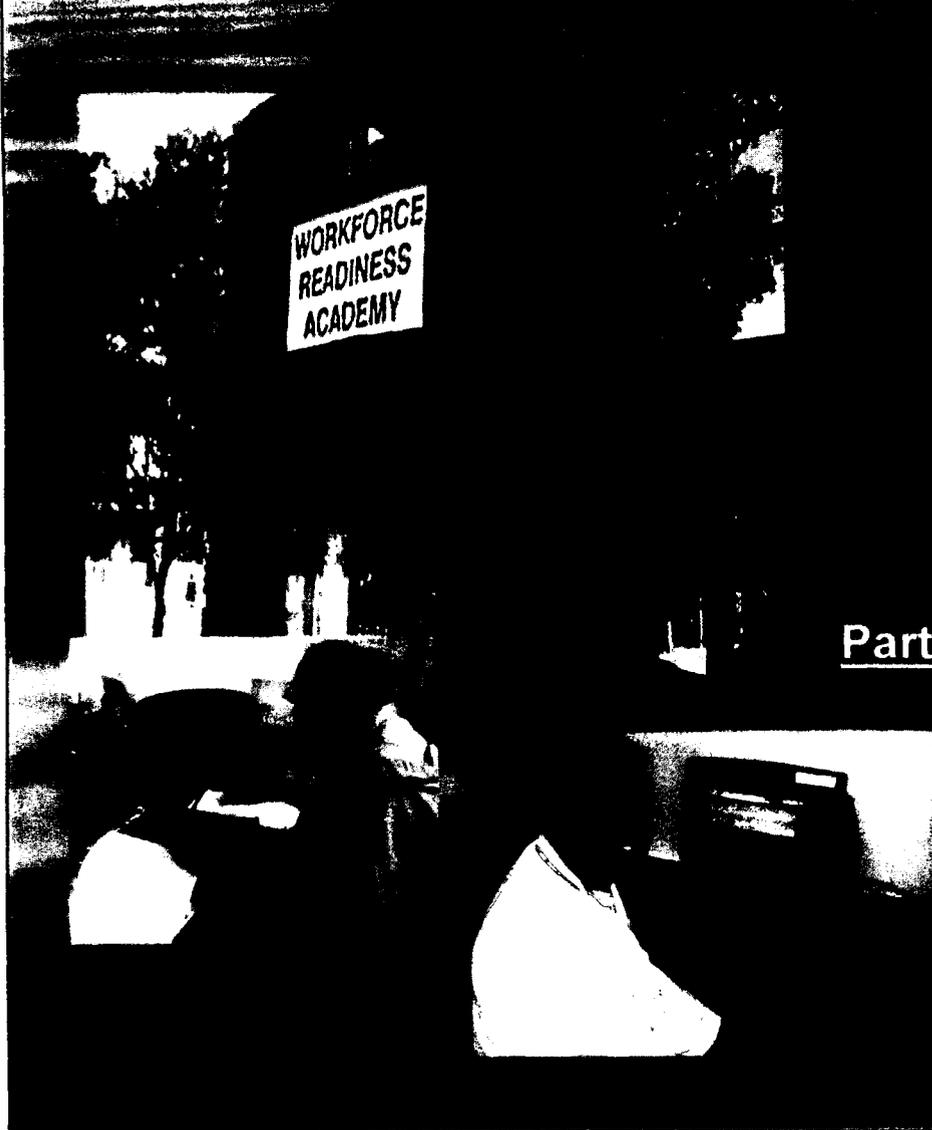
Coastal Workforce Site

- Coastal Workforce Services opened the first Workforce Readiness Academy site in Savannah.
- Throughout the first semester of classes, 39 individuals were served.
- During the second semester, 69 individuals are currently being served.

Participant Quotes:

"Key Train is a very motivational program. It is giving me hope and the initiative to fulfill my career goal."

"Key Train has broken down the barriers I faced to enter Savannah Technical College. It has helped me to open my mind and to see what it takes to succeed in the workforce."



Key Train Software

remediation and job-skill enhancement. This software issues credentials for transferable skills that lead to employment.

- The Coastal Workforce Investment Board purchased \$67,000 of Key Train Software Packages for the Coastal Region.
- Software Packages were Issued to:
- Ten to the City of Savannah for the Workforce Readiness Academies.
- Five to the Coastal Region comprehensive One-Stops.
- Four to counties with no One-Stop Center.
- One to the Savannah Housing Authority.



Youth Career Expo 2003

Coastal GA Center
April 22, 2003

- 168 Youth Participants
- 8 Vendors/Exhibitors
- JTU and Telamon on-site
(WIA Youth Service Providers)
- **Guest Speaker:**
Keith L. Brown, Keith L. Brown Publications
- **Workshops:**
O*Net Interest Profiler, Financial Aid/Post
Application, "Sex in the City" Workplace, Career
Choices, "On Account of YOU"



Real Property Services

▪ Housing/Redevelopment ent Acquisitions

Identified 64 properties for acquisition

- Acquired four properties via In Rem sale and Chatham County.
- Foreclosed on a property.
- Acquired seven properties via voluntary sale.
- Facilitated acquisition of two properties by local for profit developers.
- 30 properties prepared for condemnation.
- 20 properties targeted for rehabilitation.



900 block of E. Bolton Street (before)

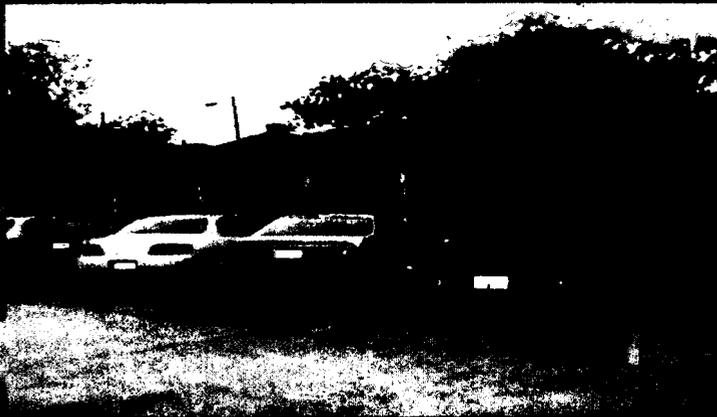


900 block of E. Bolton Street (after)

Real Property Services

▪ Acquisitions for City purposes

- Acquired 1700 Drayton Street.
- Acquired three parcels along Reynolds and East Broad Streets for Eastside Parking Garage.
- Acquired two parcels for green space.

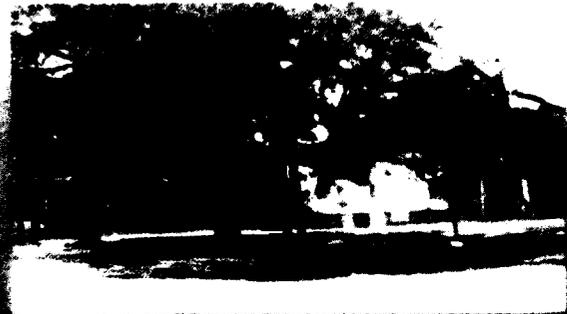


1700 Drayton Street – office space for Savannah Impact Program

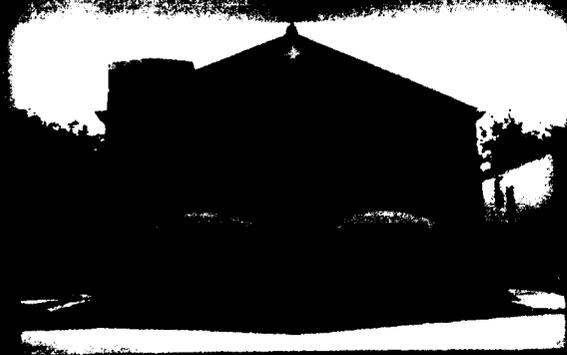
Real Property Services

» Surplus Property

- Sold 2202 Barnard Street.
- Sold 117 Phyllis Drive.
- Sold 547 East Bolton Street.



547 East Bolton Street (before)



Barnard Street



117 Phyllis Drive



547 East Bolton Street (after)

Real Property Services

▪ Remnant Lots

Conveyed nine lots to adjoining property owners. The lots were located in

- West Savannah
- Midtown
- Carver Heights
- Eastside



0000 Millen Street



0000 Augusta Avenue

Real Property Services

┆ Petitions

- Processed 22 requests to quit claim open and unopened right-of-way.
- Processed 17 requests to use, lease or purchase City property.
- Processed 12 requests to abate special assessments.
- Processed 17 requests to encroach on City right-of-way.



500 block of East Perry – request to encroach on City right-of-way



206 South Peach Avenue – request to quit claim unopened right-of-way



Goodwin Street (between Gwinnett and Hall Sts.) – request to quit claim opened right-of-way

Real Property Services

▪ FEMA Acquisitions

- Acquired 30 homes that repetitively flood.
- Applied for two grants totaling \$1,028,932.00.
- Closed Grant number 1271 and processed reimbursements totaling \$419,811.00.
- Amended Grant number 1311 securing an increase from \$405,292.00 to \$1,090,984.00.



1502 Forysth Road



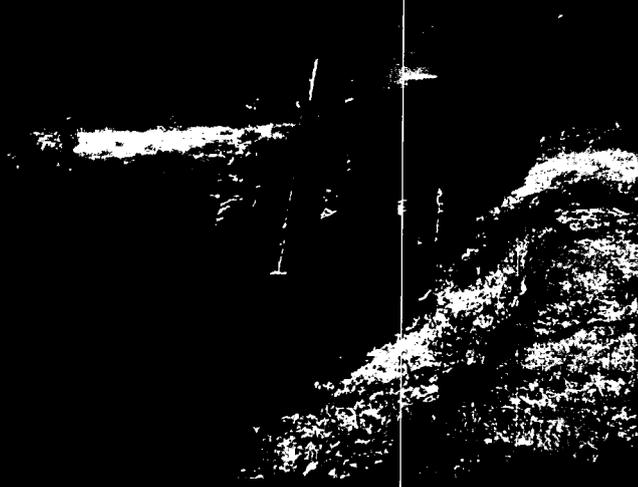
Stormwater Management

The Stormwater Management Department's mission statement is to ensure that the open and closed stormwater drainage systems and the stormwater pump stations are fully operational and that optimum stormwater flow is realized, while maintaining regulatory compliance with City Ordinances and the National Pollutant Discharge Elimination System (NPDES) stormwater permit.



Operational Maintenance

Open System Preventative Maintenance



Work carried out for this activity includes cleaning, mowing, and the application of growth regulator to ditches and canals.

2003 Activity	Projected	Actual
Cleaning	115 miles	115.4 miles
Mowing/Growth Reg.	158 miles	140.2 miles
Condition Rating*	0.80	0.41

* The condition rating indicates that the condition of the open system fall within the excellent range (0.0 to 1.0).



Operational Maintenance

Open System Preventative Maintenance



- **Bermuda grass experimentation.**
- **Combat high maintenance vegetation**
- **Will continue in future year**



Operational Maintenance

Closed System Preventative Maintenance



Work carried out under this activity consists primarily of cleaning the closed system (pipe, manhole, and inlet network). There are approximately 204 miles of pipes and 12,000 inlets in the closed system network that are scheduled to be cleaned on a cycle of once every seven years.

Activity	Projected	Actual
Cleaning	30 miles	36 miles
Inlets Cleaned	2,000	5,386



Operational Maintenance

Repair, Rehabilitation, and Small Improvements

The department undertakes such types of repairs as cave-ins, structural, and open system repairs. Frequently these repairs result in an improvement and/or rehabilitative effort to the overall system as upgrades that meet newer standards are utilized.



Installation of new 24" RCP between on Habersham Street between Anderson & Henry Streets

2003 Activity	Projected	Actual
Open System Repairs	27	75
Closed System Repairs	390	346
Structural Failures	220	220



Operational Maintenance

Repair, Rehabilitation, and Small Improvements

Some of the repair, rehabilitation, and small improvement efforts include the following:

- Completed installation of two new catch basins in the 1100 block of East 55th St.
- The ditch between Tally Ho Court and Burkhalter Baptist Church had two culverts (one 48" and one 36") no longer needed. They were removed to improve conveyance capability in this ditch.



Replacement of two separate 24" terra-cotta drainage lines at 50th and Battey Streets.



Operational Maintenance

Customer Service



Work carried out in this program are a result of contacts made to City personnel, primarily to the Service Desk, to investigate complaints (such as but not limited to ditch cleaning, inlet cleaning, mowing, etc.) and to respond with any work that may be needed for valid inquiries.

2003 Activity	Projected	Actual
Priority I	99% in standard	99.5% in standard
Priority II	90% in standard	95.1% in standard
Priority III	85% in standard	99.5% in standard

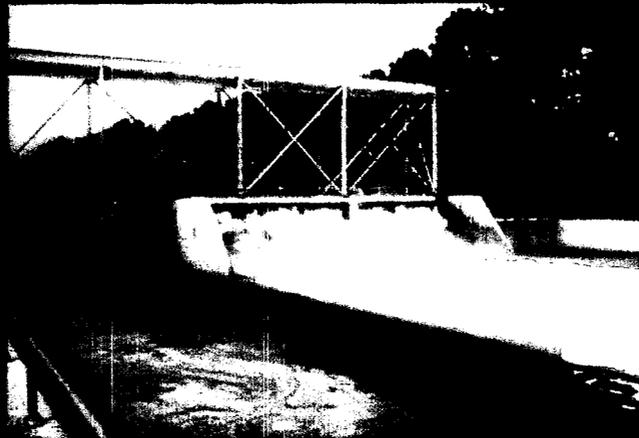


Operational Maintenance

Stormwater Pump Stations

- 6 Stormwater Pump Stations (Gwinnett, Fell Street, Kayton, Springfield, DeRenne, and Montgomery Cross Road).
- 19 electronically monitored and controlled rain gauges.
- 22 electronically controlled and operated canal level sensors.

Maintenance includes Daily, Weekly, Monthly, Quarterly and Annual Checklists using the manufacturer's maintenance requirements.





Operational Maintenance

Regulatory Compliance – NPDES Program

- Surface water quality samples were collected from fixed locations and sent to an analytical laboratory
- Participated in special public awareness events (such as Earth Day and appearances in our schools) & distributed information to improve water quality

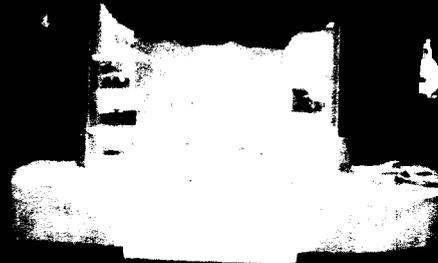
Sampling and testing of water discharge from the municipal separate stormwater system to waters of the State of Georgia.



Operational Maintenance

Regulatory Compliance – NPDES Program

- Industrial and commercial inspections are conducted to ensure that materials are being handled, stored, and disposed of properly so as to not adversely impact stormwater runoff
- Completion of an annual report to the State due in April of each year
- Completion of a semi-annual report regarding monitoring of Hayner's Creek
- Issued a letter to private landscaping companies advising them not to deposit debris from their operations into the City's stormwater system.



Earth Day Display



System Capacity Expansion

SPLOST Projects

Holland Canal Outfall

This completed canal to drain flood waters from the Woodley Road-Juniper Circle-Holland Park area to the Vernon River.



Wilshire Canal

This work included canal improvements (primarily widening) from White Bluff Road to the Vernon River Marsh and a tide gate at the White Bluff Road culvert.



System Capacity Expansion

SPLOST Projects



Casey South Interceptor, Phase I
The Phase I collector system will result in capacity improvements by the addition of a triple box culvert from the canal to Harmon Street.

Lathrop Stormwater Pump Station
Construction proceeded for the 400,000 GPM stormwater pump station within the Fell Street basin. Completion is scheduled for July 2004. Design of the outfall box culvert from the Lathrop Stormwater Pump Station to the Savannah River was completed.





System Capacity Expansion

SPLOST Projects



Flooding July 24th, Tattnall Street Area

Design work of increased conveyance capability in the Bilbo basin was expedited. The route is from the Alice & Tattnall Street area north, across MLK Boulevard, down Turner Street to West Boundary Street, and then north to the area of the Springfield Stormwater Pump Station.



System Capacity Expansion SPLOST Projects



Windsor Basin, Phase I

Construction was carried out in the vicinity of Windsor Forest Elementary, Briarcliff Circle, and Windsor Road areas. This work consisted of both open and closed system improvements that result in increased conveyance capability.

Windsor Basin, Phase II

This phase of work primarily consists of conveyance enhancements to result in drainage improvements in the Canterbury Circle, Largo Drive & Stillwood Drive area, and the southerly Golf Club Drive/Deerfield Road intersection.





Street Maintenance

The Street Maintenance Department is responsible for preserving current and future City's streets, sidewalks, rights-of-way and lanes and constructing those components necessary to meet current citizen needs and expanding population requirements.



Street Repairs

Pavement Preservation

	2002	2003
Potholes	679	840
Utility Cut Preparation	1,100	1,146
Utility Cut Restoration	1,198	1,343
Low Patches	306	400
Curb Repair	75	56
Tree Root Repair	53	58
	3,411	3,843



Street Repairs

Pavement Preservation

Pothole Repair



Tree Root Damage Repair





Street Repairs

Utility Site Preparation and Restoration



Loyola Drive / Fulmer Street



Sidewalks

Sidewalk Repairs

The backlog of sidewalk repairs is now at 73 service requests starting in January of 2004. This is down from 141 service requests at the beginning of the year.

	2002	2003
Sidewalks	1.02 miles	1.17 miles
Showcase Sidewalks	N/A	.42 miles
	1.02 miles	1.59 miles



Temple Mickve Israel

760 square yards of brick sidewalk was reconstructed in February 2003 at Temple Mickve Israel.



Sidewalks

Sidewalk Repairs



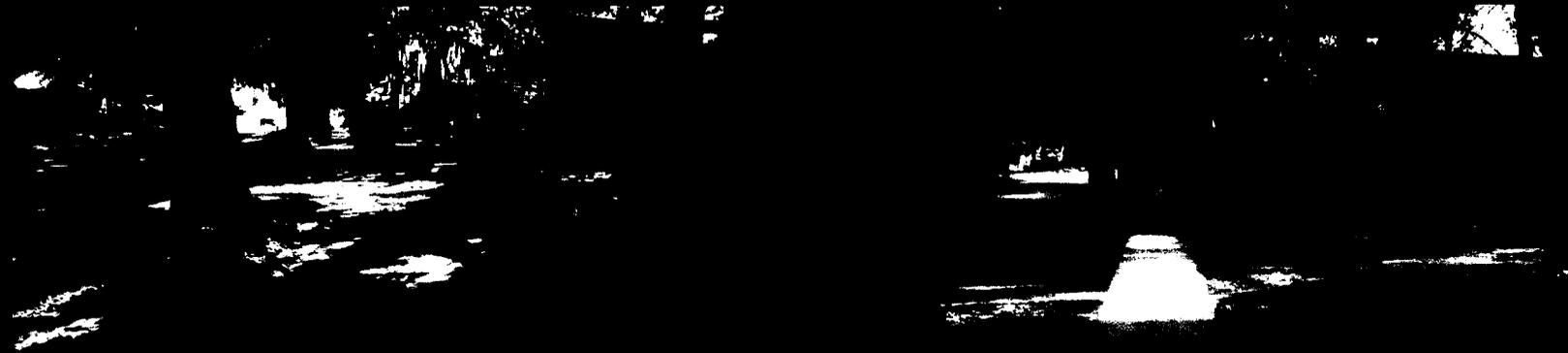
Price @ 38th



Habersham, North of Gwinnett



Showcase Sidewalks



This year, 2259 LF of sidewalk has been repaired or constructed in the Cuyler-Brownsville and Benjamin Van Clark neighborhoods. This work was accomplished by Street Maintenance as part of the Public Development Showcase Sidewalk Project.



Sidewalk Construction

1585 LF of sidewalk was constructed on President Street from the Men's Transitional Center to Randolph.

All total, 6399 LF was constructed this year.



President Street



Whitaker Street



E. 63rd Street



Shoulder Maintenance

This year the department responded to 69 shoulder service requests in addition to maintaining the 36 mile shoulder grading schedule.



Montgomery Street, between Staley Avenue and South Street.
180 LF of gravel shoulder was reconstructed and paved.



Mowing



- Tractor mowers mowed over 1900 miles of right-of-way.
- 2 hand mowing crews cut 519 miles of right-of-way.
- Cut and removed the vegetation overgrowth in over 47 miles of lanes
- Spray crews have applied herbicide to 12.5 miles of guard rail and curb to control weed growth.



HOPE VI

On July 7, 2003 a notice to proceed was issued for the Hope VI Infrastructure Improvements Project. This project involves the City Staffs of Water and Sewer, Stormwater, Park and Tree, and Street Maintenance. As of the years end the project is overall 45% complete, with a completion date of May 2004.





Bridge Repair

The City has 28 bridges in the inventory with 25 in good condition and 3 in fair condition per a 2003 GDOT route bridge inspection report. This report will drive work priorities for this year and subsequent years.



Sallie Mood Drive Bridge
The approach slabs at the north and south headstocks were repaired this year due to the washout of fill material behind the headstocks.



Street Resurfacing

LARP Resurfacing

South Fernwood and Bartlett were resurfaced under the LARP program during the month of October and Anderson, Waters, White Bluff/Coffee Bluff in November. Tuten, Queensbury and Broughton Streets should be completed by March 2004. Once completed, 5.8 miles will have been resurfaced.



South Fernwood



Street Resurfacing

General Funding

All total, 18,795 square yards of City streets were resurfaced this year. Those streets included various locations on Middleground/West Montgomery Cross Road, Mall Blvd. @ Hodgson Memorial, Drayton from Broughton to Bay, and the bus stops on Broughton @ Montgomery and Oglethorpe @ Montgomery.

Mall and Hodgson



Middleground / West
Montgomery Cross
Road



ADA Ramp Construction

60 ADA ramps were constructed this year.



Liberty & Barnard



Railroad Crossing Repair

The Bay Street crossing at Augusta Avenue was totally reconstructed by removing all timbers and replacing with full depth asphalt.





Street Paving

.652 miles schedule for paving this year with 1.67 miles remaining.

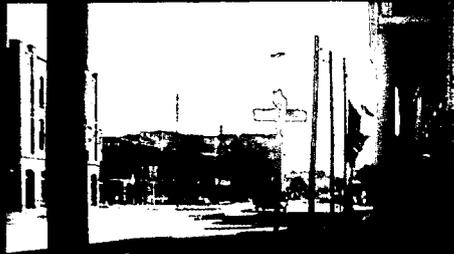


Lloyd Street road construction was completed during the early part of the year.



MLK Streetscape

This was a joint venture with Georgia Department of Transportation, which included brick sidewalk construction and landscaping on MLK between Oglethorpe and Liberty.





Utility Cut Permit Inspections

The program consist of inspections during construction or renovation, initial visits, at final and six months afterwards. For the year 220 sites were monitored for compliance.

In addition AGL's 2003 renewal project produced 521 utility cuts. Below are pictures of restored utility cuts by the AGL contractor.





Traffic Engineering

The Traffic Engineering Department is responsible for the maintenance of all traffic control devices, traffic signals, traffic signs, pavement markings, street lighting and park lighting.

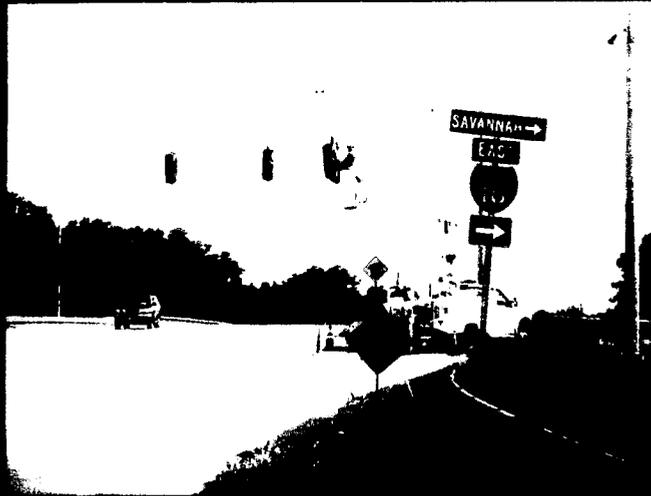
Furthermore, the department is responsible for the overall management of the traffic system and vehicular and pedestrian operations along City streets, private development and the management of the Capital Improvement Program related to traffic engineering improvements.



Traffic Flow and Safety

In 2003, Traffic Engineering:

- Installed 3 new Stop/Go Traffic Signals,
- Performed signal upgrades at 38 locations to improve traffic mobility and safety,
- Performed 144 travel time surveys,
- Performed 250 traffic counts,
- Performed 1000 traffic studies in an effort to monitor traffic flow and safety conditions in the City.



Technician installs signal head at Chatham Pkwy. @ I-16 EB ramp.



Signal Upgrade Projects

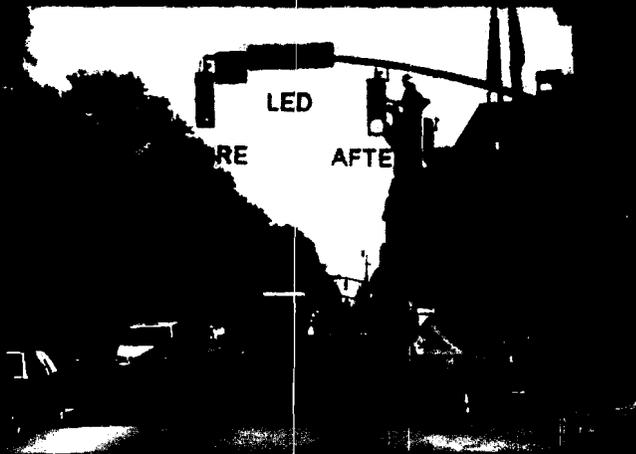
New Light-Emitting Diodes (LED) Upgrades

22 intersections were upgraded

LED modules:

- Burn brighter and last longer
- Use less electricity to make traffic stop and go.
- Reduce energy consumption and maintenance cost
- Provide more visible signal displays.

Projected annual savings for these intersections will be approximately \$15,000.



Technician installs LED modules
at Bay St. @ Drayton St.

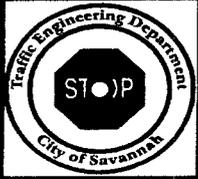
Signal Upgrade Projects Preventative Maintenance Program



PM inspections and repairs conducted at 40 signalized intersections.

As part of a state-wide initiative, state of the art traffic control equipment was provided by the Georgia DOT to replace existing obsolete equipment.





Special Projects

Audible Pedestrian Signal

A demonstration project using audible pedestrian signal was implemented at the intersection of Oglethorpe Ave. and Drayton St. The department is working with the Association for the Blind to evaluate the effectiveness of the installation.



Technicians install new pedestrian signal heads

A visually impaired person uses newly installed audible push button.





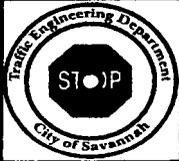
Special Projects

Red Light Enforcement

Traffic Engineering coordinated the reconstruction of the left turn lanes on Abercorn St. and the installation of sensors to operate the Red Light Cameras at the intersection of Abercorn St. and White Bluff Rd.



Red Light Enforcement Camera monitoring the eastbound left turn at the intersection of Abercorn St. @ White Bluff Rd.



Accident Reduction Strategies

The accident rate (per million vehicles entering the intersection) was reduced from 3.073 to 1.922 at the top twenty high accident locations through the implementation of traffic improvement projects, such as signal upgrades, multi-way stop sign installations, and flashing beacon installations.



MLK @ Anderson St.

A separate left turn lane is installed in the southbound direction.

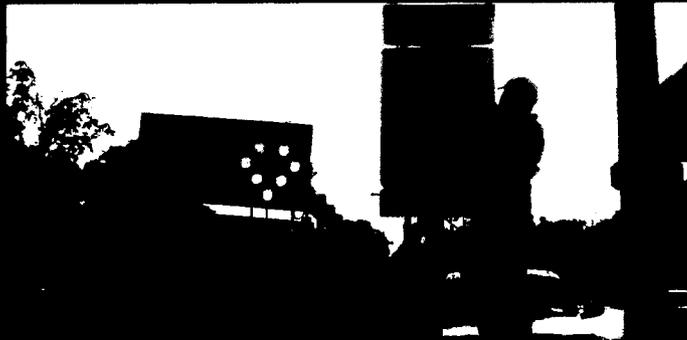
Gwinnett St. @ Barnard St. Flasher/Four-Way STOP Installation





Traffic Signs

Speed Limit Signage For Historic Districts



77 "Speed Limit / Historic District/Speed Limit Strictly Enforced" signs were installed. The speed limit was reduced from 35 mph to 30 mph in order to provide safer traffic flow conditions.

Pedestrian School Signage Upgrade Project



120 School/Pedestrian Advance and Crosswalk signs were installed. The signage upgrade is necessary to be in compliance with the 2000 Edition of the Manual on Uniform Traffic Control Devices (MUTCD).



Traffic Signs

River Street Access Signage



Signs were installed directing motorists to use MLK Blvd. as the primary entranceway to River Street. This assists us with compliance to the new traffic operation patterns.

Watch For Children Signage



84 "Watch For Children" signs were installed.



Traffic Pavement Markings

Pedestrian Crosswalks

Pedestrian Crosswalks were upgraded at 10 locations in an effort to improve safety for pedestrians while in crosswalks.

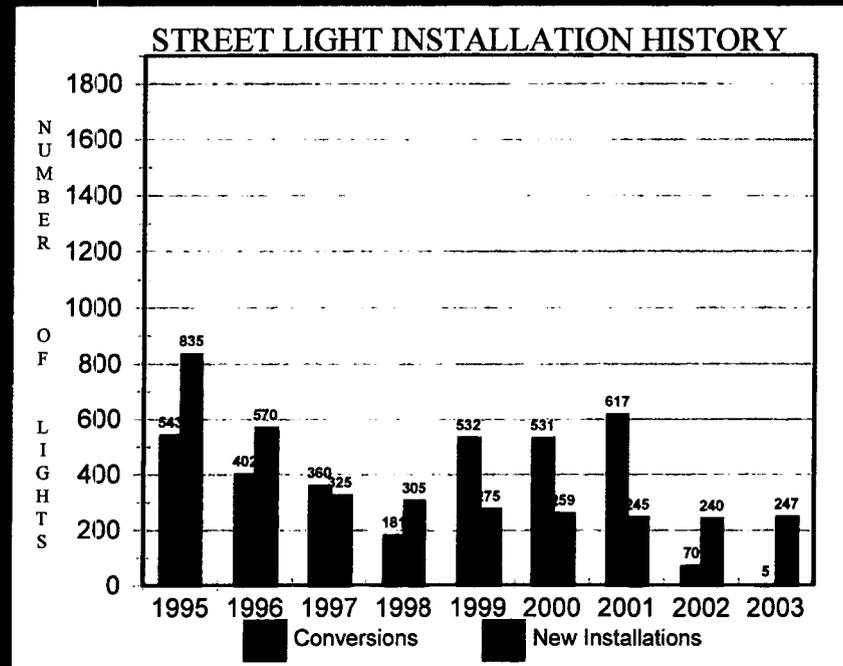


Maintenance Workers install high visibility crosswalks at 52nd St. @ Montgomery St.



Street Lighting

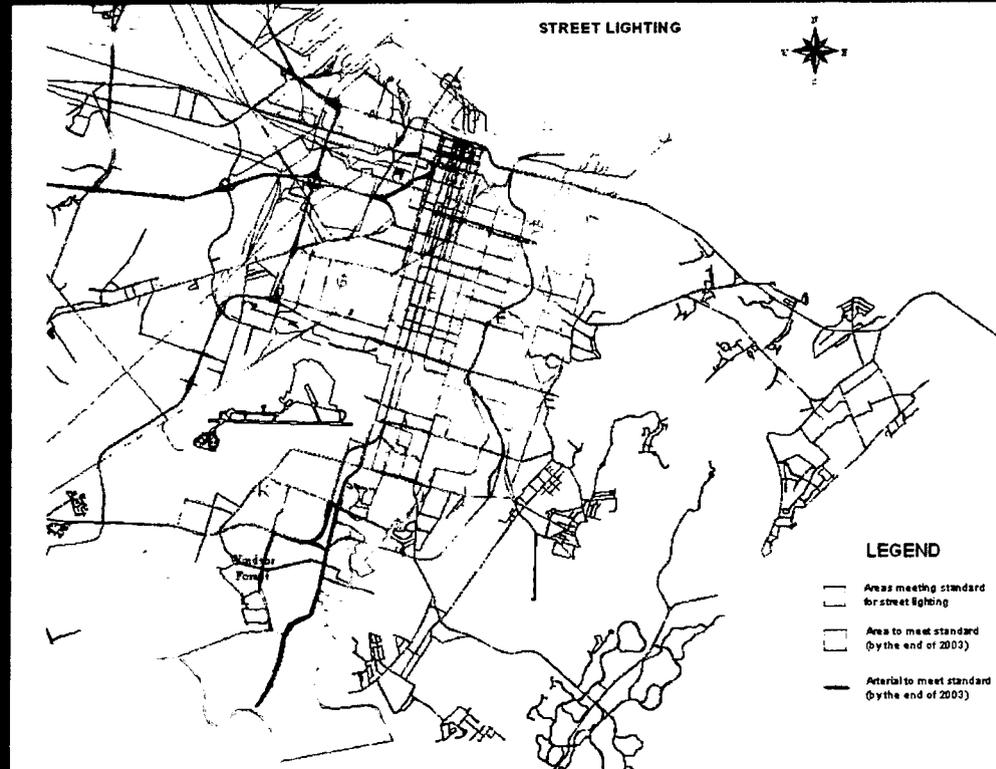
The installation of 247 new street lights was coordinated through Savannah Electric. Emphasis was placed along the Coffee Bluff Rd. and White Bluff Rd. corridor and the following neighborhoods: Windsor Forest, Colonial Oaks, Nicholsville, Coffee Bluff, White Bluff Estates and Rose Dhu, as well as the newly annexed areas in the west side of the City. Total number of street lights at the end of 2003 was 16,898.





Street Lighting

At the end of 2003, 541.4 miles (93.5%) of 579 street miles met the minimum street lighting level.





Street Light Maintenance

As part of the regular work program Traffic Engineering performed maintenance repairs for 152 street lights on I-16, 580 lights in parks and squares, and 272 City owned street lights.





Capital Improvement Projects

White Bluff Montgomery Cross Rd Intersection Improvements

Design plans have been developed for the construction of a separate right turn lane on White Bluff Rd. This improvement will improve delay and congestion in the northbound direction during peak periods. GDOT has approved to provide some funding.





Capital Improvement Projects

Henry/Anderson- Signal System Upgrade

GDOT Project will upgrade 25 traffic signal installations (12 on Henry St., 12 on Anderson St., and Gwinnett St. @ East Broad St.) Design is complete and the project is scheduled to be let in April 2004. Project will include new poles, fiber optic cable, "2070" Advanced Traffic Controllers, and LED signal displays.





Capital Improvement Projects

SPLOST Projects

Gwinnett Street Widening

Conceptual plans have been developed and the design contract was let for bids. The consultant selection process will be completed in 2004. This project will widen Gwinnett Street to four lanes while providing a landscaped median.





Capital Improvement Projects

SPLOST Projects

LaRoche Avenue Widening

Conceptual plans have been developed. This project will increase lane widths and provide a landscape median with left turn lanes at critical locations.





Capital Improvement Projects

School Zone Paging System

Material and equipment was received in December. Six school zone locations have been upgraded with the remaining school flashers to be upgrade in 2004. This will allow control of the systems from the Traffic Control Center instead of technicians manually adjusting the timing.





Capital Improvement Projects

DeLesseps Avenue Curve Reconstruction

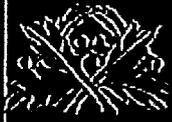
One of the most visible projects was the widening and reconstruction of a curve section of DeLesseps Avenue between Ward and Puerto Rico streets. This improvement project reduced a sharp curve for safer traffic movement.





Department of Cemeteries

The Department of Cemeteries provides desirable sites for interments, respects and protects the rights of the interred, and keeps vital cemetery records for Savannah's five municipal cemeteries. The City of Savannah provides high-quality modern death-care services, nationally-recognized cemetery conservation, state-of-the-art vital records management, and park-like grounds maintenance services.



Cemetery Services

A new section, Section T of Bonaventure, the last section in Bonaventure, was developed and interment rights are available to the public. Non-aggressive marketing strategies were implemented to inform the public of these available sites.

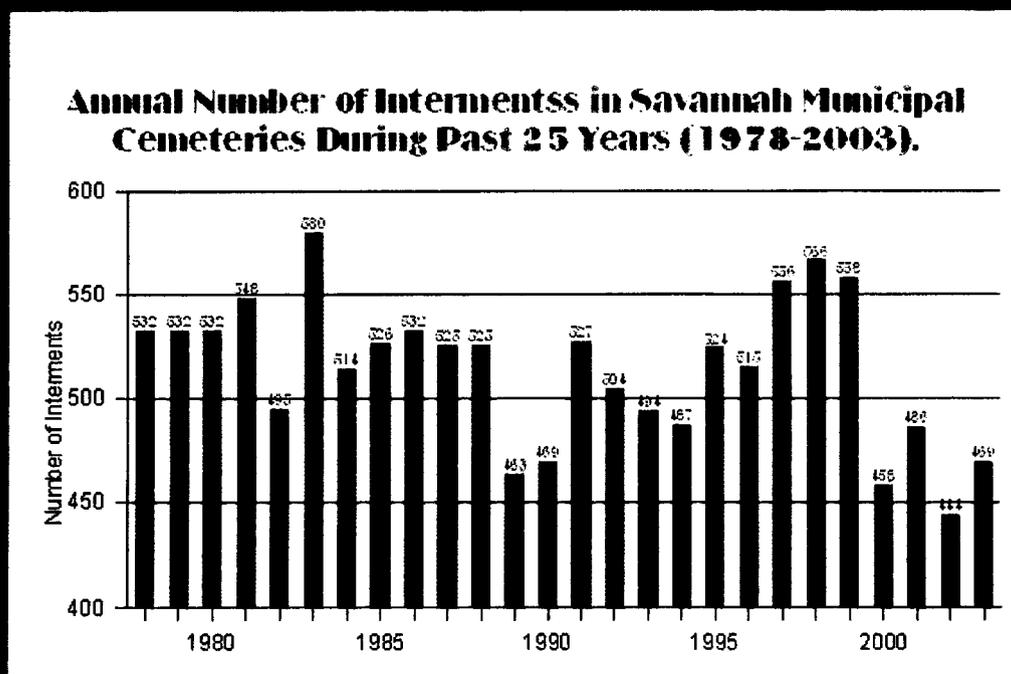


Section T



Cemetery Services

Interment rights were sold to 99 cemetery lots and 4 niches in the columbarium. 469 interment services were performed in 2003.



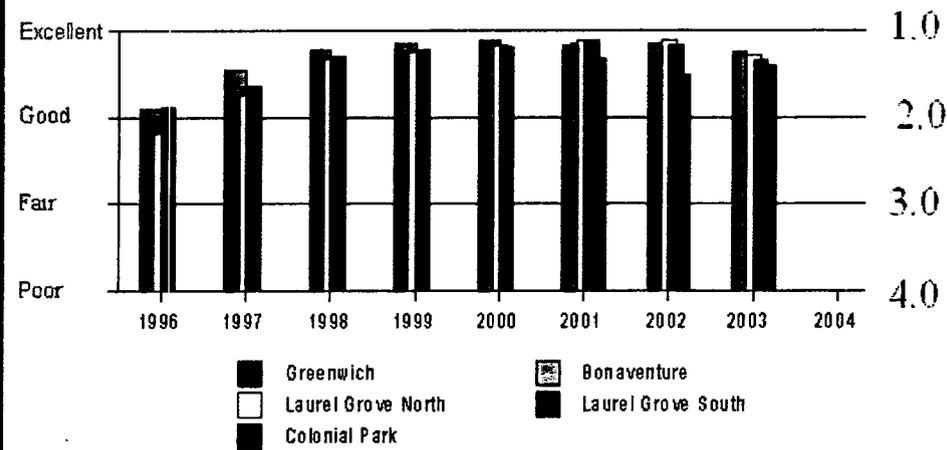
The customer satisfaction rating was 4.45 on a scale of 1 to 5 where 4 is satisfied and 5 is very satisfied.



Cemetery Appearance

The average appearance rating in the cemeteries was 1.31 on a scale of 1 to 4 where 1 is excellent and 2 good.

Cemetery Appearance Standards





Cemetery Conservation

- Conservation to the public holding vault in Laurel Grove Cemetery began in 2003 and will continue through 2004.
- Completed a 10 Conservation Project in Colonial Cemetery.

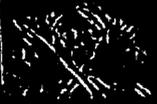




Vital Records Management

Initiated an electronic record keeping system for interment records that will be connected to the GIS system.





Grounds Maintenance

A conceptual plan was developed for Greenwich Park and undeveloped sections of Greenwich Cemetery. Crews cleared walking trails through the undeveloped areas for access for surveyors and to identify significant trees or landscape features to be utilized in the development.



Greenwich Park



Safety Achievement

Cemetery employees reached a new level of operational safety by working six consecutive months in 2003 without a single safety violation, accident or injury.



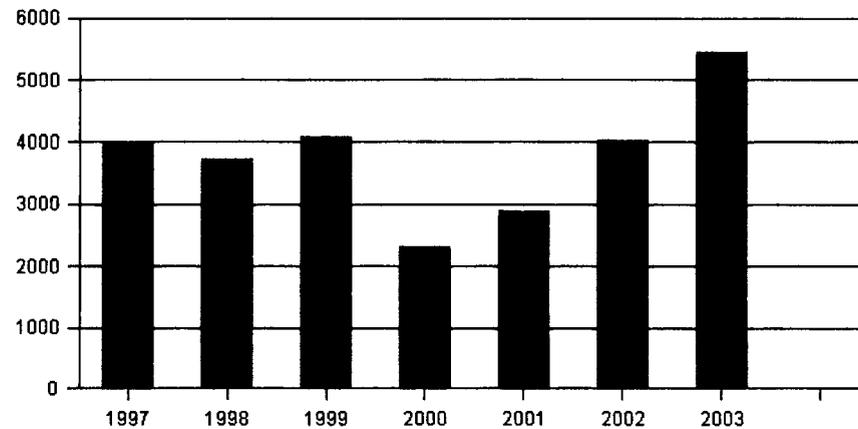


Cemetery Tourism

There were 5,439 registered events in the municipal cemeteries during 2003.



Registered Tours and Special Events in Cemeteries





Cemetery Drainage Improvements

Cemeteries took corrective action to eliminate localized flooding of cemetery sections. Planning and designs were completed on major problem areas including the Bonaventure entranceway, Section N of Bonaventure, and the Greenwich Cemetery Bluff.



Customer Service Center

Provides services to the City of Savannah's internal and external customers by operating a call center that received 42,828 service requests in 2003. Each call received is prioritized and those requiring immediate action will be radio-dispatched to the responsible department within Facilities Maintenance, Water and Sewer or Sanitation. Completed service requests are maintained on file and can be retrieved by service request number or address



LEISURE SERVICES BUREAU

2003

Annual Report

Message from the Bureau Chief



Greetings,

The Leisure Services Bureau provides residents of Savannah and the entire coastal community with affordable access to quality recreation programs, cultural projects, and well maintained parks, buildings and open space.

Some of the major initiatives of 2003 include:

- Playground renovations
- Completion and opening of Regional Golden Age Center
- Partnership with Savannah Tech in implementing the Workforce Readiness Academy
- Benjamin Van Clark Neighborhood Documentation and traveling Exhibition
- Phase II of ADA renovations

While facts are important, we are more concerned with providing positive experiences for members of our community and rendering the best possible services and programs.

Sincerely,

Joseph C. Shearouse

Joseph C. Shearouse

Leisure Services Bureau Chief

NEW FACILITIES

- Conversion of Windsor Oxidation Facility to the Largo/Windsor Lake and Park
- Mary C Flourney Regional Golden Age Center



PARK LAND / OPEN SPACE

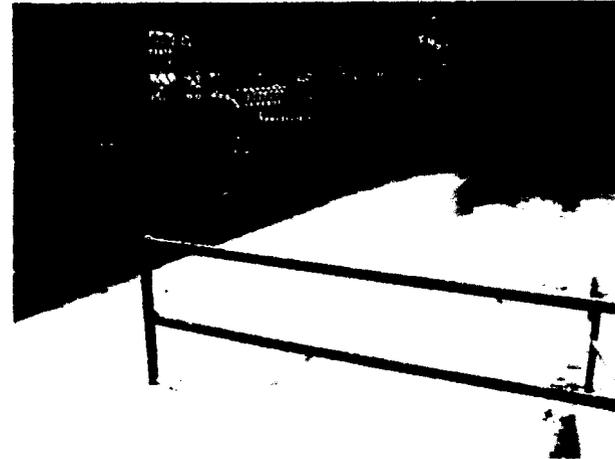
Since 2000 54.8 acres
acquired

- Mohawk
27 acres
- Habersham
3.7 acres
- 52nd Street
12.2 acres
- Stark Clinch
11.9 acres



ADA RENOVATIONS

- Access Ramps at Visitor's Center, Rousakis Plaza, SPD headquarters
- City Hall accommodations
- Assistive Listening Systems at Civic Center, Grayson Stadium and City Hall Council Chambers
- Bonaventure Cemetary



PLAYGROUNDS

Renovated seven
playgrounds

- Blackshear
- Cann
- Dearing
- Fellwood
- Lamara Heights
- Rivers End
- Wells



HEART'S N PARKS

Promotes heart healthy behavior and physical activity in response to the increasing problem of overweight individuals and obesity.

Activities:

- **Community Fun Walks**
- **Health fairs**
- **Fun fit events in neighborhood facilities**



WORKFORCE ACADEMY

In partnership with Savannah Technical College, the program provides adults training at their own pace in basic job skills.

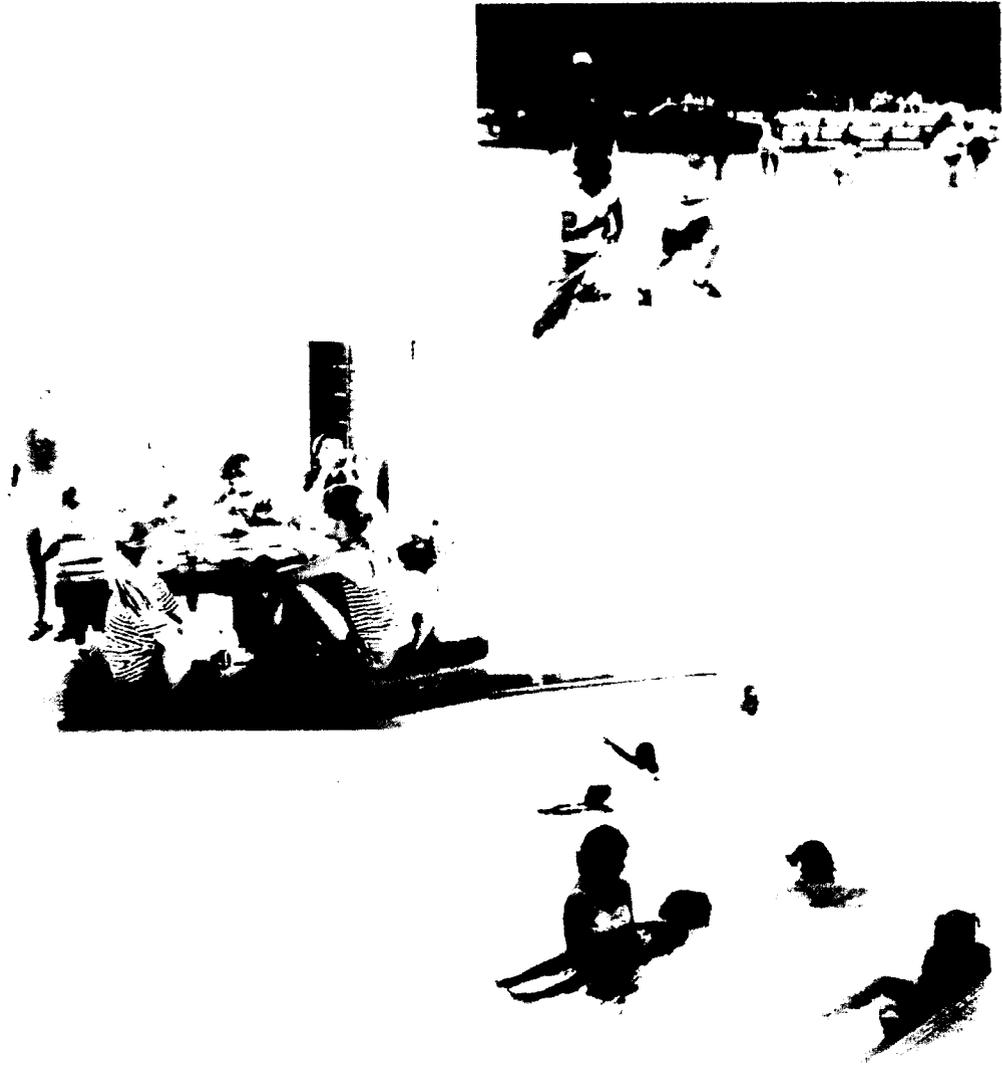
Sites:

- Moses Jackson
- Tatenville
- Windsor Forest

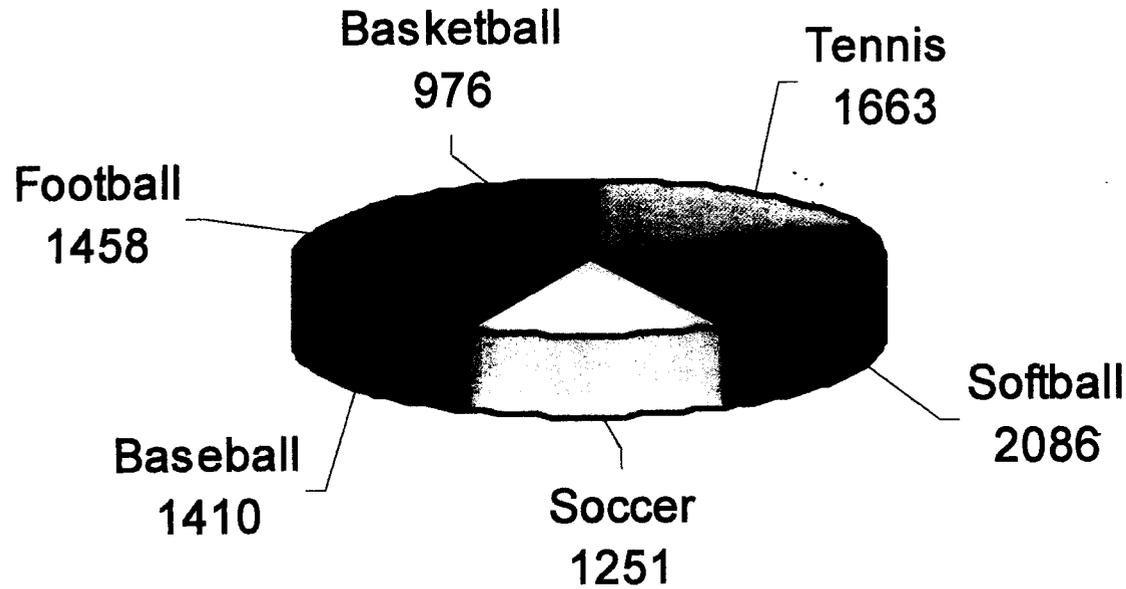


SUMMER PROGRAMS

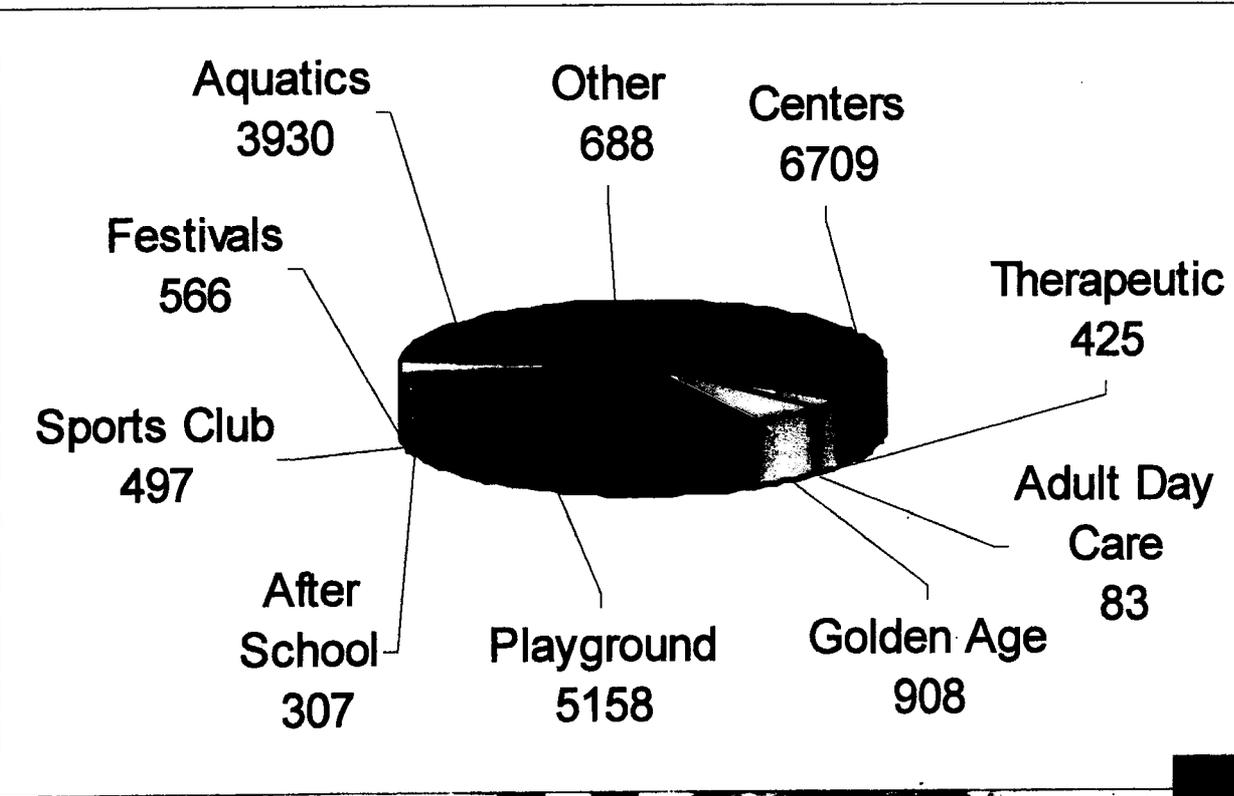
- **Supervised Playgrounds**
- **Summer lunches at over 90 sites**
- **Summer camps**
 - **Centers**
 - **Therapeutics**
 - **Cheerleading**
 - **Basketball**
- **Aquatics**
 - **Instruction**
 - **Recreation swim**



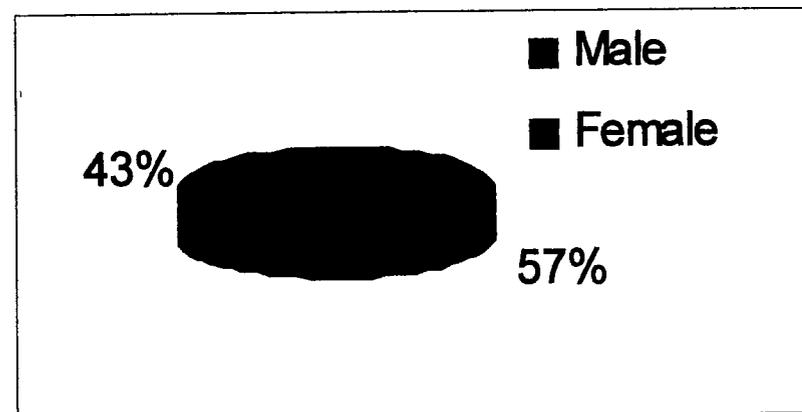
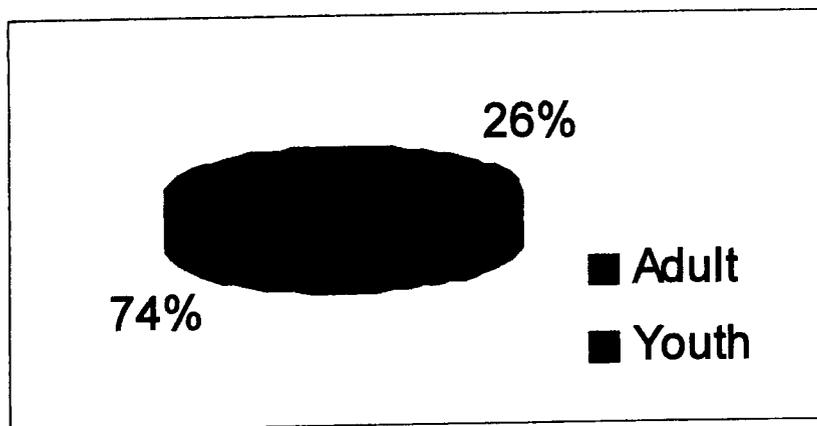
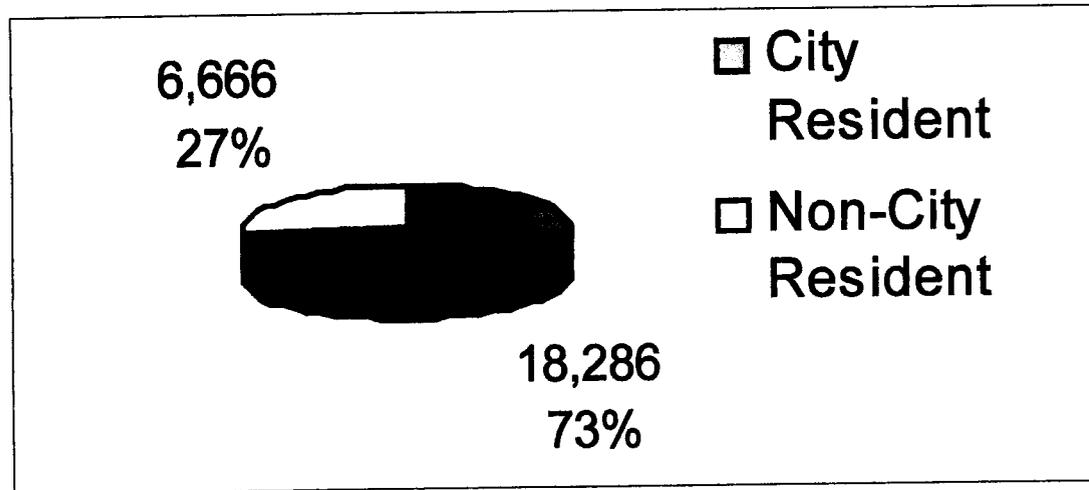
Athletics' Participation



Neighborhood Programs Participation



REGISTERED PARTICIPATION



CULTURAL AFFAIRS

Significant Achievements

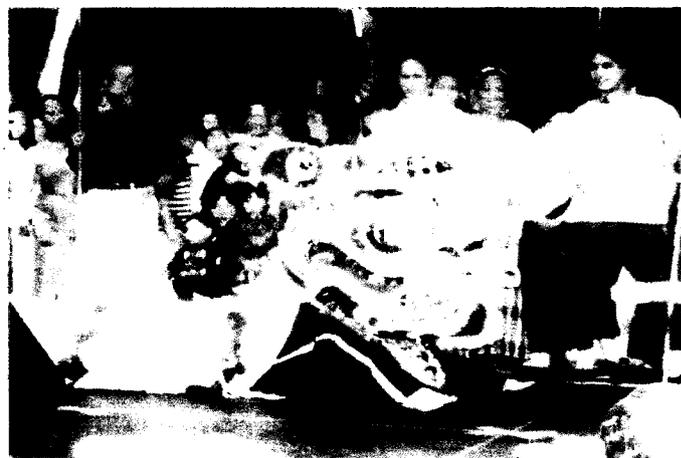
- Developed a strategic marketing plan
- Produced, presented and directed 945 programs



CULTURAL AFFAIRS

Significant Achievements

- Produced and presented 3 new events to replace the programs of the SSO
- Cultural Tourism program met a \$1 city allocation to \$4 earned income goal
- Cultural festivals drew over 250,000 residents and visitors



CULTURAL AFFAIRS

2004 Goals

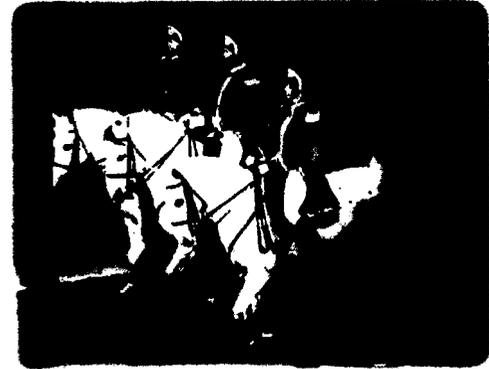
- Facilitate collaboration efforts between small to mid-sized organizations
- Continue work with Leadership Savannah on assessment of the “state of the arts” document
- Ensure that City allocations directed towards the Arts and Humanities are compliant with contractual obligations and meet the goals and objectives of the City.

CIVIC CENTER

Highlights of the Year in Entertainment

- **Broadway plays**
RENT and FAME
- **Concerts**
3 Doors Down
Widespread Panic
Harry Connick
- **Harlem Globe Trotters**
- **Lippizaner Stallions**
- **Lombardo and Dorsey**
Big Bands
- **Riverdance**
- **Jerry Sienfeld**
- **Sesame Street and**
BARNEY
- **LSB performance of**
CINDERELLA
- **Eastman Gun Show**
- **Ice Hockey**
Memorial Health Classic
Atlantic Coast League
- **Moscow Ballet's**
Nutcracker
- **Bill Gaither**

RENT



CIVIC CENTER

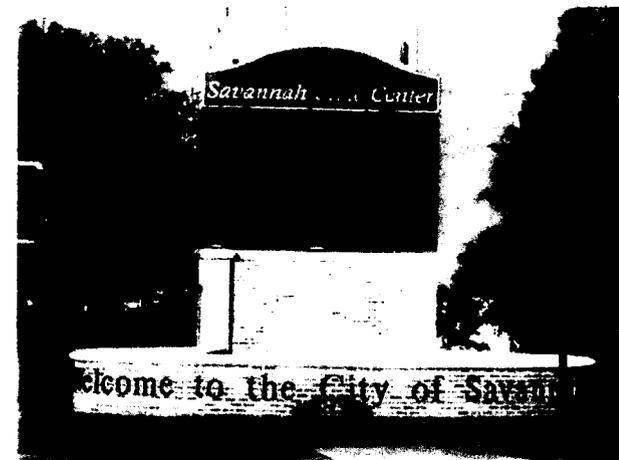
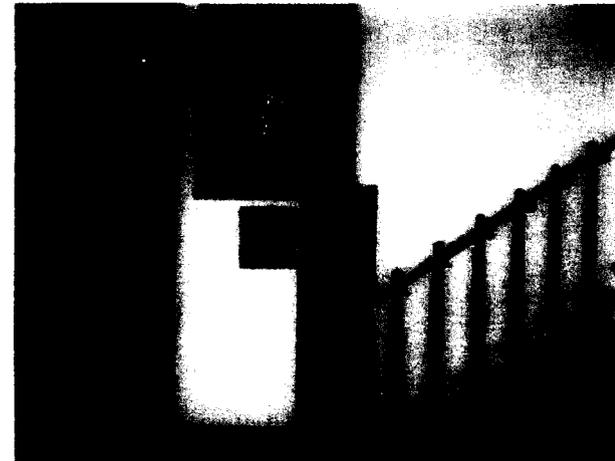
Major Conventions

- Georgia Fruit and Vegetable Growers
- Georgia Music Educators
- All State Chorus
- All State Band
- Dance Troupe, Inc.
- National YMCA gymnastics



CIVIC CENTER Accomplishments

- **Outside perimeter lighting**
- **Electronic Infocenter in Lobby**
- **Replace Lobby carpet**
- **Theatre dressing rooms painted**
- **Replaced aisle lights in Theatre**
- **Construction began on Liberty Street parking Garage**
- **Marquee enhancement**



"LIVE IT UP"
With
Leisure Services

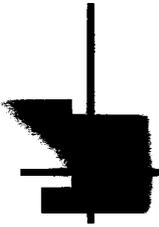


Sanitation Bureau

Serving Savannah With Excellence!

2003 Annual Report

Stephanie S. Cutter, Bureau Chief



Bureau Mission

- To ensure an environmentally safe and healthy community.
 - Cost effective & efficient solid waste collection and disposal service.
 - Removal of litter and debris from city streets and rights of way.
 - Regulatory Compliance.



Environmental Compliance

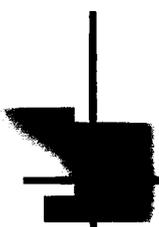
John Bonam,
Environmental Compliance Administrator



Environmental Compliance

- Goal: To ensure compliance with Federal, State, & Local regulations regarding collection and disposal of solid waste, and commercial solid waste generation within the City of Savannah.

Environmental Compliance Issues

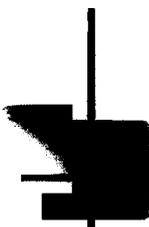


- Legislative
 - **Flow Control**
- Environmental
 - **Clean Air Act**
 - **Ground Water Monitoring**
- Solid Waste Monitoring
 - **Solid Waste Disposal Fee**
- Dean Forest Road Landfill
 - **Subtitle D Compliance**
- Leachate Analysis



Residential Refuse Collection

John Denion,
Residential Refuse Collection Director

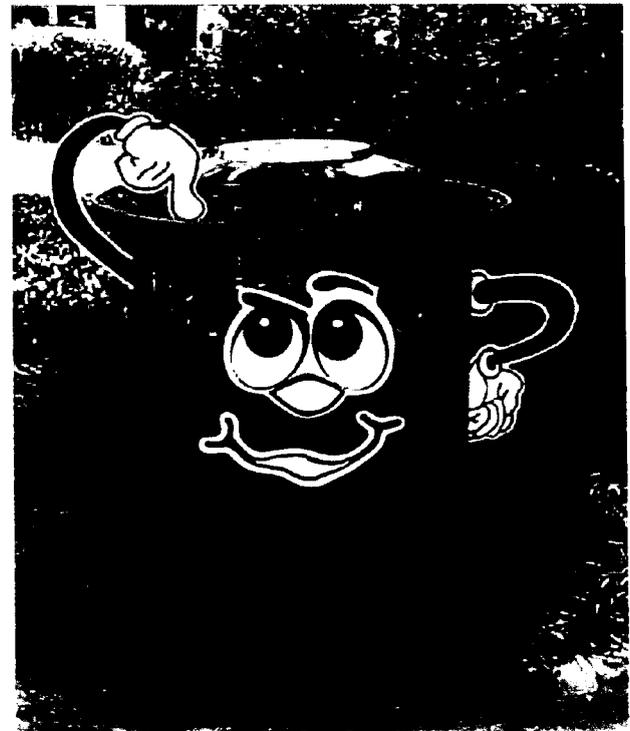


Residential Refuse Collection

- To provide refuse and trash collection services to City residents & ensure that City streets, lanes and rights-of way are free of litter & other debris.

Residential Refuse Collection Litter Public Awareness Campaign

- **Comprehensive & ongoing focusing on public awareness of blight/litter issues impacting our community.**
- **Campaign Logo, "Bennie D'Binnn, "Just Dunk It"**
- **Official kickoff - July 1, 2003**



Community Service – 2003

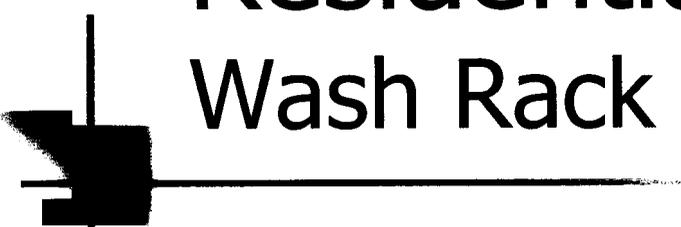
Productivity

- **68,830** Blocks Serviced for Litter Control.
- **1,803** community service workers provide litter control to the area south of DeRenne Avenue & to litter problem areas throughout the City.
- **187.67** tons of debris collected.
- Ensures at least once **weekly litter control** service to the entire City.



DeRenne Avenue & E. Gwinnett

Residential Refuse Collection Wash Rack Renovation



- The wash rack renovation was completed July 2003. The enhancements allows for four (4) vehicles being washed at one time & is equipped with a (hot water) pressure washer that ensures proper washing and sanitization of refuse collection vehicles.

Residential Refuse Collection Wash Rack

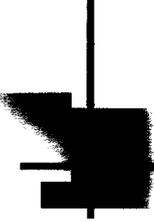


Wash rack under Renovation



**Wash rack Renovation Complete
& In Use**

Residential Refuse Collection Truck Rodeo



- 1st Annual Sanitation Bureau Truck Rodeo was held Saturday, October 11, 2003 at Sallie Mood Drive.
 - Safety
 - Proper Use of Equipment
 - Team Building
 - Fun for All

2003 Truck Safety Rodeo



Residential Refuse

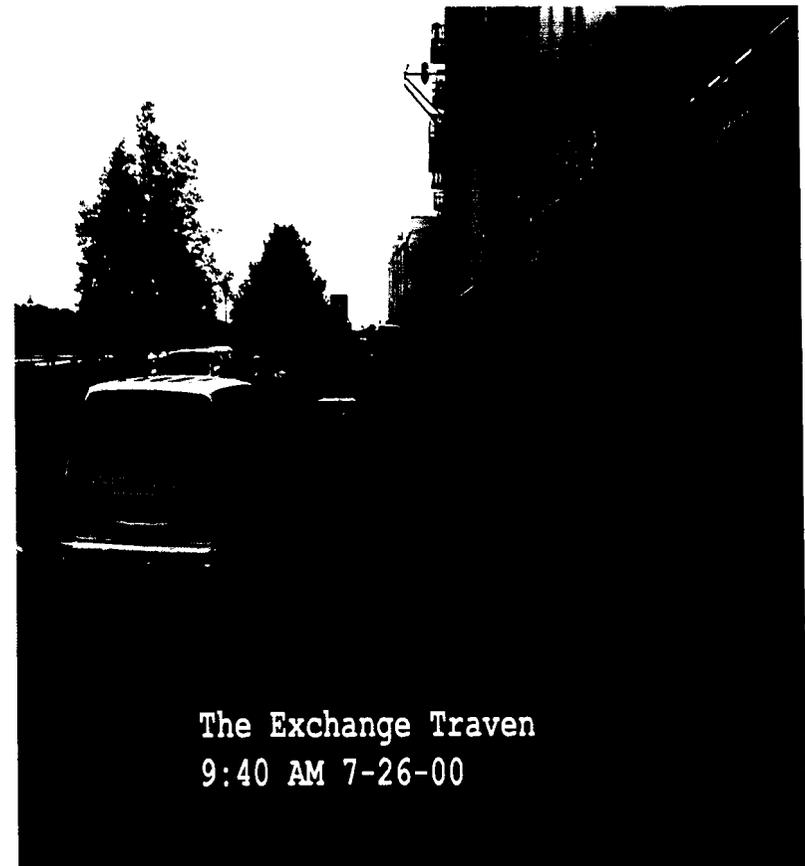
2003 Service Accomplishments

- **Bulk Item Collection Program Enhancements.**
 - **Amendment to City Ordinance Authorizing Fee for the Collection of Off-schedule Bulk Items.**
 - **Work week Rescheduling.**
- **Full-time Code Enforcement for Dumpster Free Zone.**
- **Staff Assigned to Cigarette Butt Removal and Cleanliness of Litter Baskets.**
- **Wash Rack Renovation Completed.**
- **Anti Litter Public Awareness Campaign Kickoff.**

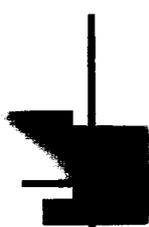


Residential Refuse Collection Dumpster Free Zone Code Enforcement

- GOAL: To ensure that all River Street businesses are in compliance with Sanitation Codes.
 - **2003 - Over 1,000 Customer Service Contacts**
 - **2003 - 50 Courtesy Notices Issued for Code Violation.**



Bulk Item Collection Program Enhancements



- **Work week rescheduling reducing service delays.**
- **Ordinance amended authorizing fee for the collection of unscheduled bulk items.**
- **Bulk Item Collection Program education via Litter Public Awareness Campaign & Blight Eradication Initiatives.**
- **Continued support to organized neighborhood cleanups.**
- **Process changes that addressed procedures for identifying, recording, documenting and removal of bulk items within forty-eight hours.**

Bulk Item Collection Process

Impact of Ordinance Amendment

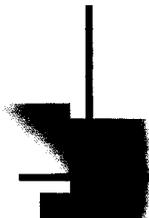
Unscheduled Bulk Item Collection (2003 Statistics)				
	Sept	Oct	Nov	Dec
Courtesy Notices Issued	45	67	89	98
Citizen Compliance (Service Request Within 24 Hours)	38	53	67	62
Citizen Non-Compliance (Service Request Within 24 Hours)	7	14	22	36
Total Off-schedule BIP Collections	45	67	89	98

Drop-off Recycling Center Sites

- Armstrong Atlantic State University (**New**)
- Bartlett Middle School
- Bartow Elementary (**New**)
- East Broad Elementary (2) (**New Glass Only Recycling Bin**)
- Barnes Restaurant
- Garrison Elementary
- Hodge Elementary (**New**)
- Jenkins High School (2) (**New Glass Only Recycling Bin**)
- Haven Elementary (**New**)
- Windsor Forest Elementary
- Bacon Park Transfer Station
- Dean Forest Road Landfill

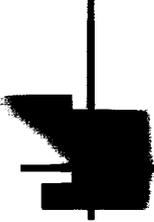
Drop-Off Recycling Site Monitoring by Sanitation Code Enforcement





Recycled Products

- Metals
- Glass
 - Clear
 - Green
 - Brown



Recycling Markets

- Savannah Recycling
 - Aluminum & Metals
 - Metals - \$47.00 per ton
 - Aluminum - \$.36 per lb.
- FIBRES, International, (Atlanta, GA)
 - Glass
 - Holding Site – Dean Forest Road Landfill
 - Color Sorted – Clear, Brown, Green
 - 20-ton minimum quantity for collection
 - \$3.00 per ton average revenue

Recycling Revenue Sharing

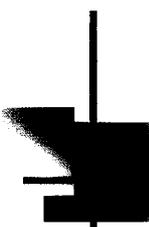
- Supporting School Events

Year	2001	2002	2003
East Broad Elementary	\$207.10	\$5.14	0.00
Jenkins High	410.80	96.00	447.04
Spencer Elementary	72.00	0.00	0.00
Bartlett Middle	371.00	37.71	154.59
Haven Elementary	0.00	18.85	0.00
Garrison Elementary	0.00	0.00	169.07
Windsor Elementary	95.00	0.00	0.00
	\$1,155.90	\$157.70	\$770.70



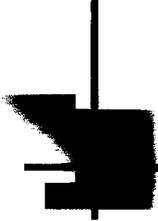
Refuse Disposal

Gene Prevatt,
Refuse Disposal Director



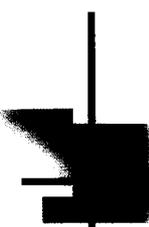
REFUSE DISPOSAL

- Mission: To efficiently and effectively manage municipal solid waste generated within the City of Savannah while minimizing impacts on the environment.



REFUSE DISPOSAL

- Goals: A City in which public reclamation & disposal of solid waste does not:
 - Deplete land resources;
 - Contaminate surface and ground water resources;
 - Degrade air quality; or
 - Create visual blight.

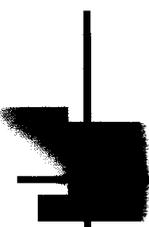


Refuse Disposal

2003 Service Accomplishments

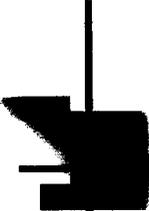
- EPD Approval of major landfill expansion.
- General Contractor Procurement Completed.
- Construction Quality Assurance/ Quality Control Laboratory Procurement Completed.
- Successfully met EPD landfill operations standards.

Resource Recovery Project Highlights (I)



- Contractual obligations and performance guarantees were met.
- Waste processing increased by 11%.
- Waste bypassed to landfill decreased by 20%.
- Ash generation decreased by 26%.

Resource Recovery Project Highlights (II)

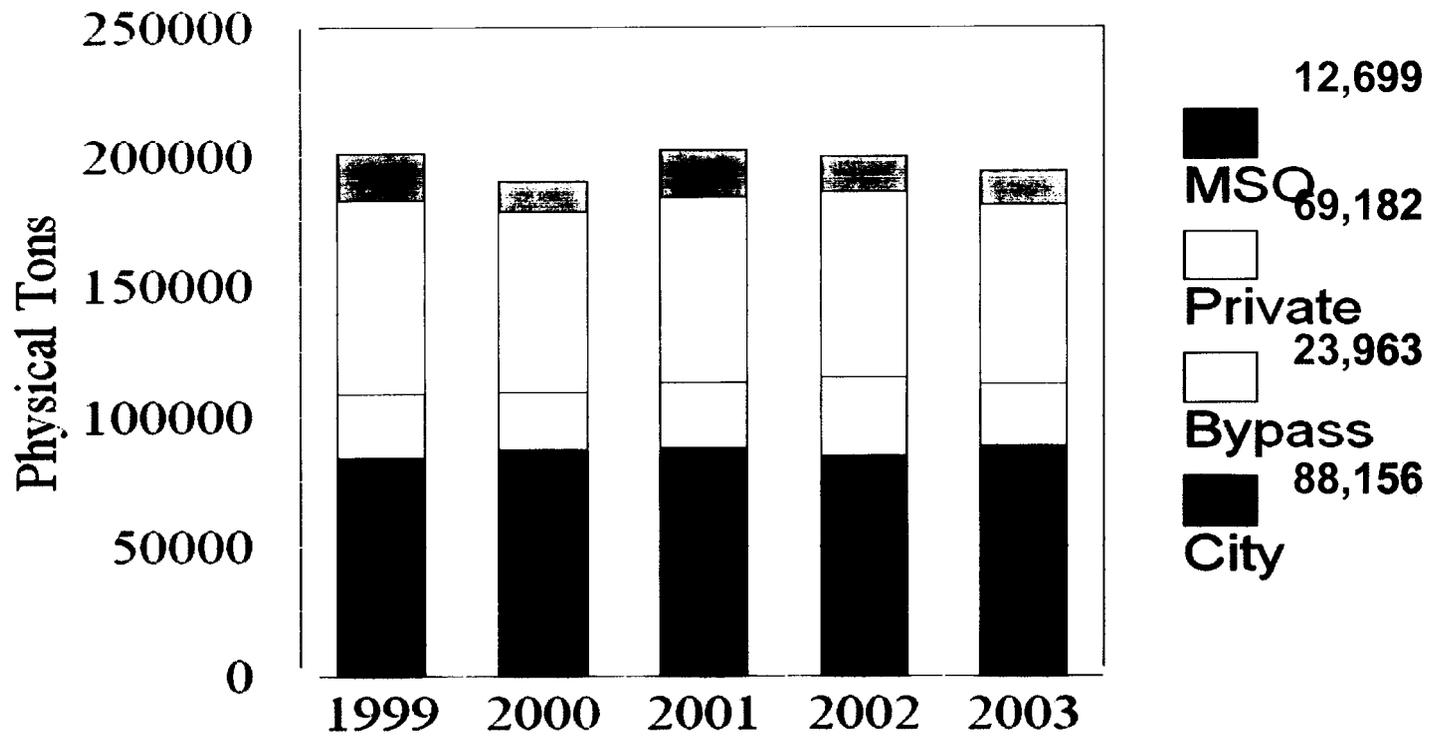


- Extensive refurbishment of boilers, ash handling systems, and air pollution control system completed.
- Successfully met air emissions performance standards.
- Title V Air Quality Permit renewed for 5 years.

Refuse Disposal

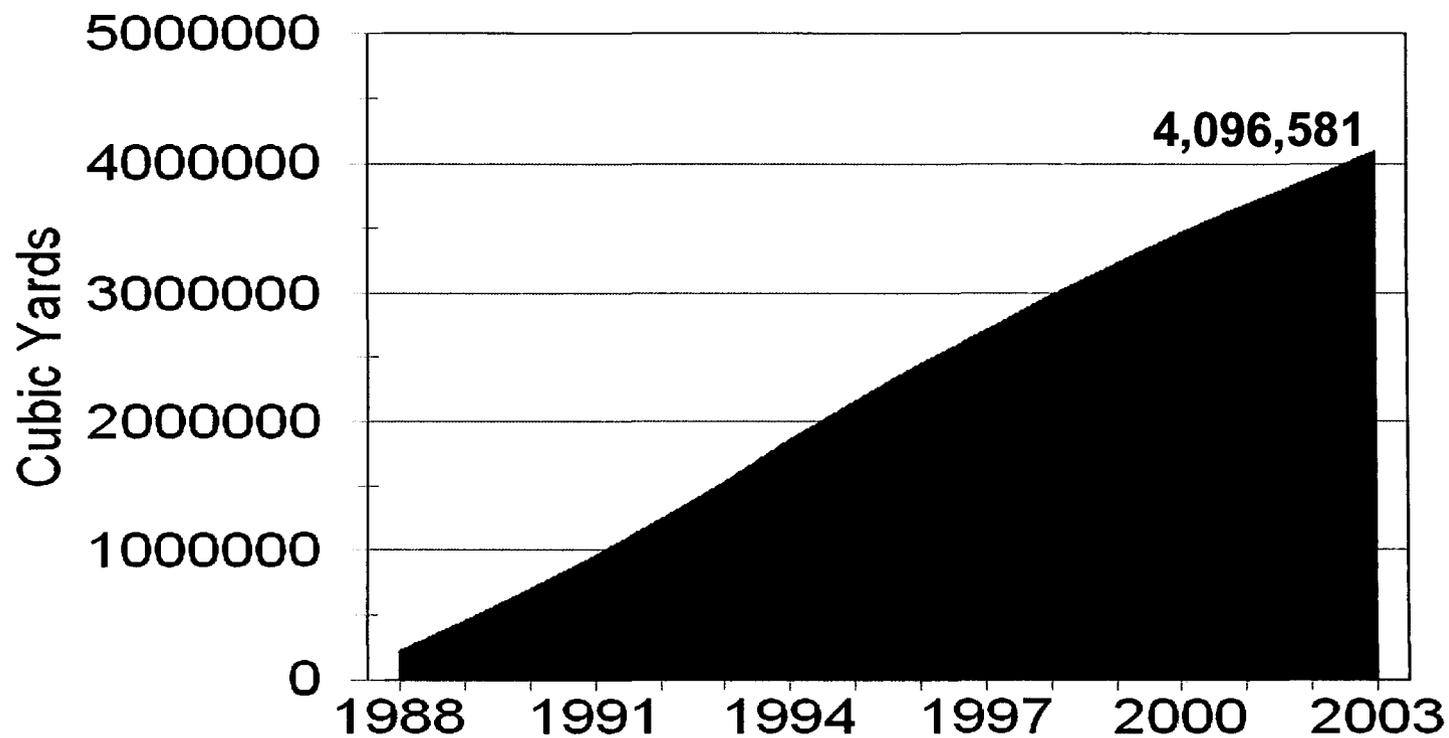
WASTE AVAILABLE 1999-2003

Resource Recovery Project



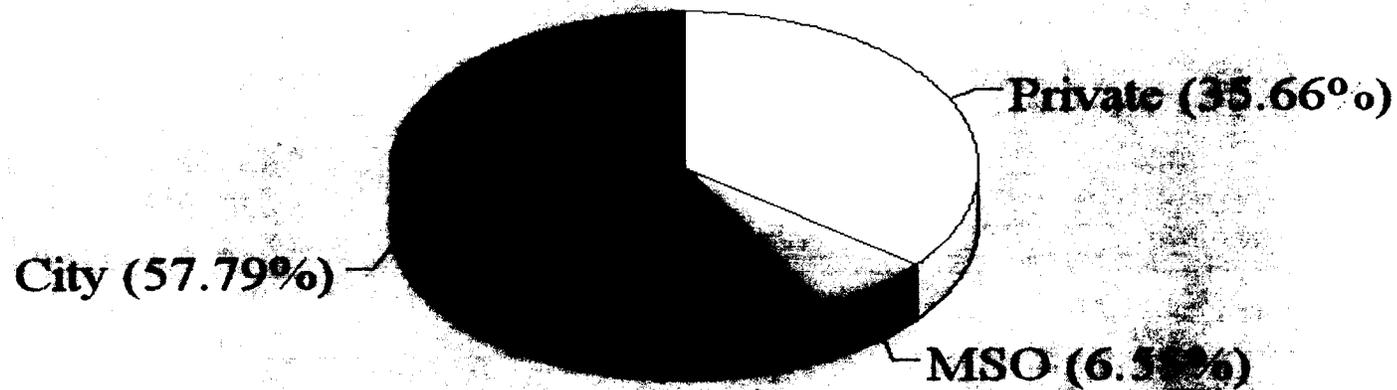
Refuse Disposal

CUMULATIVE LANDFILL CAPACITY SAVINGS Resource Recovery Project

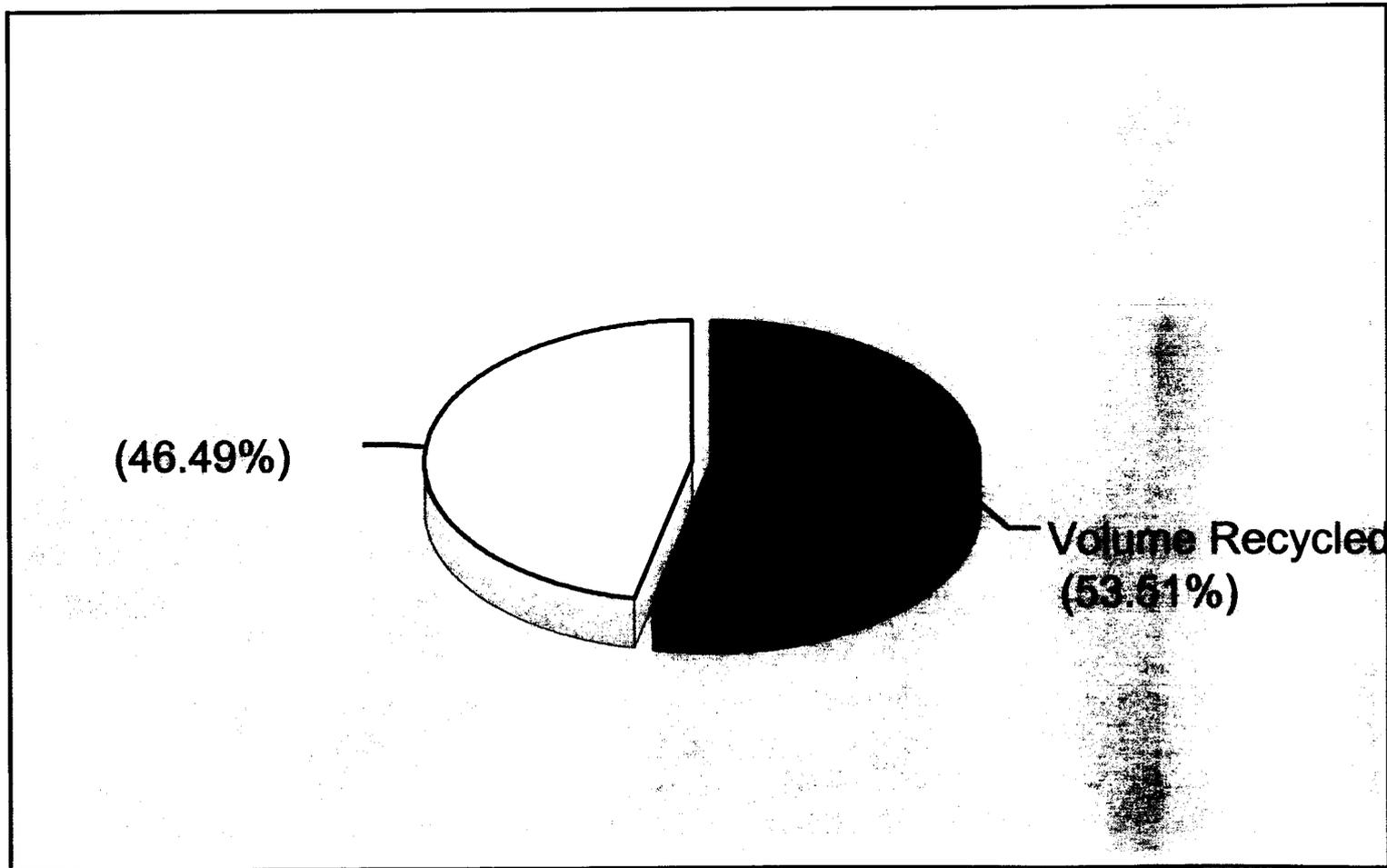


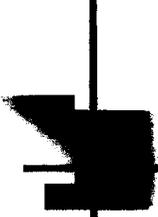
2003 PROCESSIBLE WASTE AVAILABLE

Resource Recovery Project



Landfill Waste Diversion Rate (By Volume)

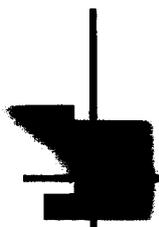




REMAINING LANDFILL CAPACITY

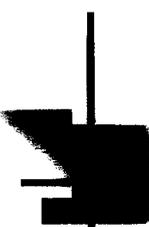
- Total Remaining Capacity 500,000 cubic yards
- Capacity Reserved
Waste Relocation 300,000 cubic yards
- Net Available Capacity 200,000 cubic yards*
- Net Available Site Life 15 months
- *Projected Waste Relocation/
Construction Period 15 months

DEAN FOREST ROAD LANDFILL EXPANSION



- Innovative approach: Landfill will be Recycled by the:
 - Relocating 300,000 cubic yards of waste from unlined cells.
 - Constructing three (3) new lined landfill cells on old site.

LANDFILL EXPANSION PROJECT BENEFITS

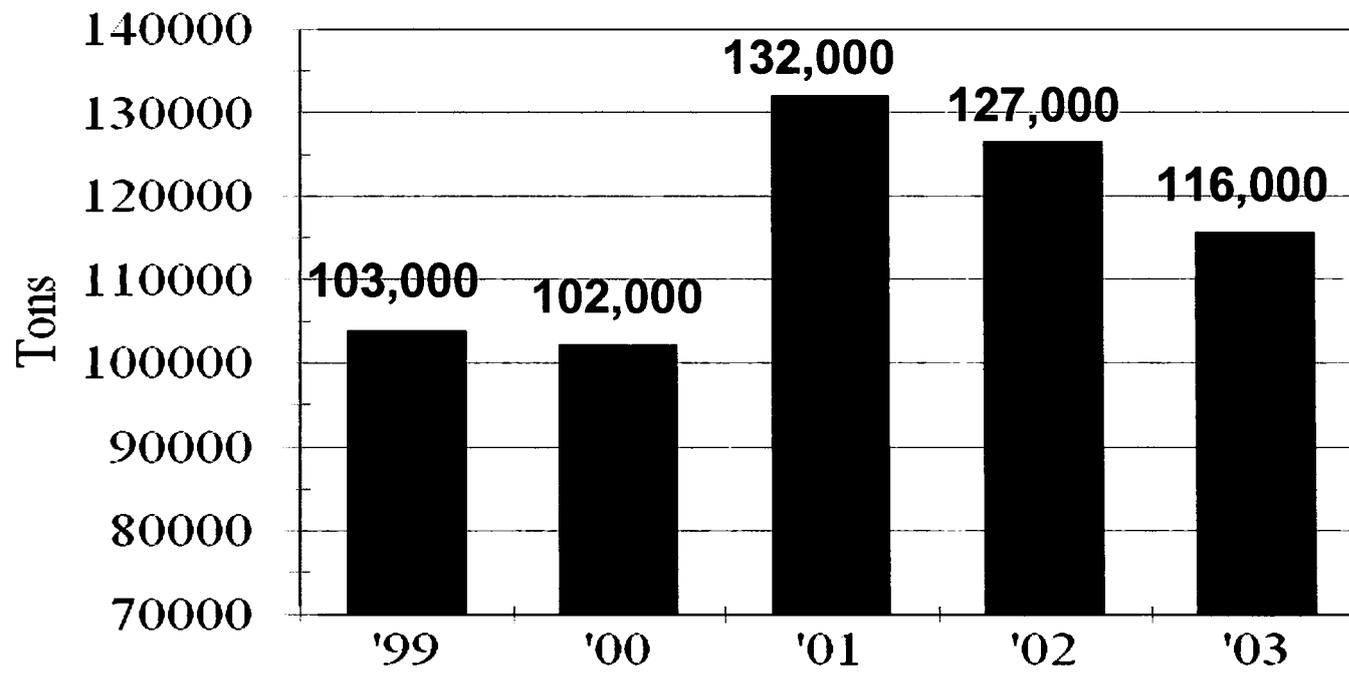


- Increases permitted disposal capacity by 2,900,000 cubic yards.
- Ensures 10 years minimum disposal capacity & a maximum of 25 plus years with Resource Recovery.
- Avoids cost of capping 35 acre quadrant.
- Eliminates a likely potential source of groundwater contamination.

Refuse Disposal

WASTE DISPOSED

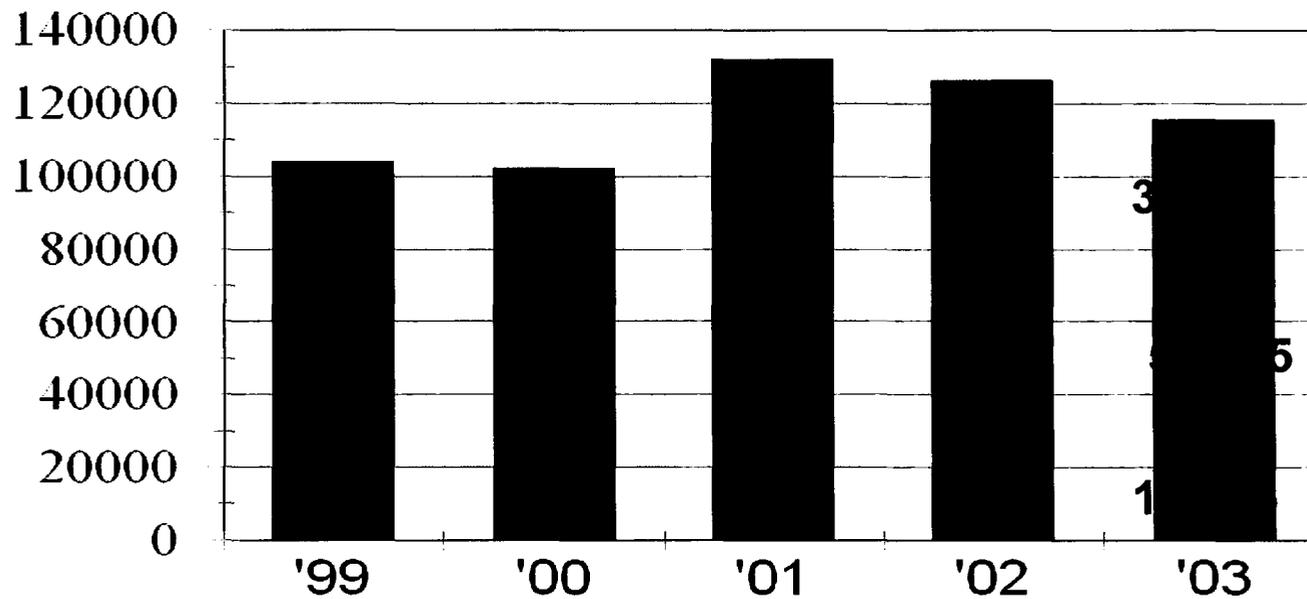
Dean Forest Road Landfill



Refuse Disposal

DEAN FOREST ROAD LANDFILL

Waste Stream Tonnage Summary



■ By-Passed Waste

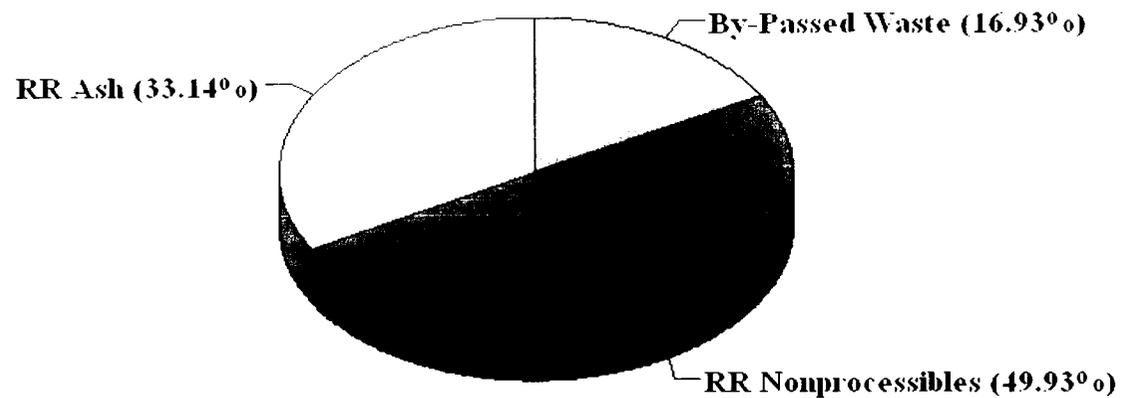
■ RR Nonprocessibles

■ RR Ash

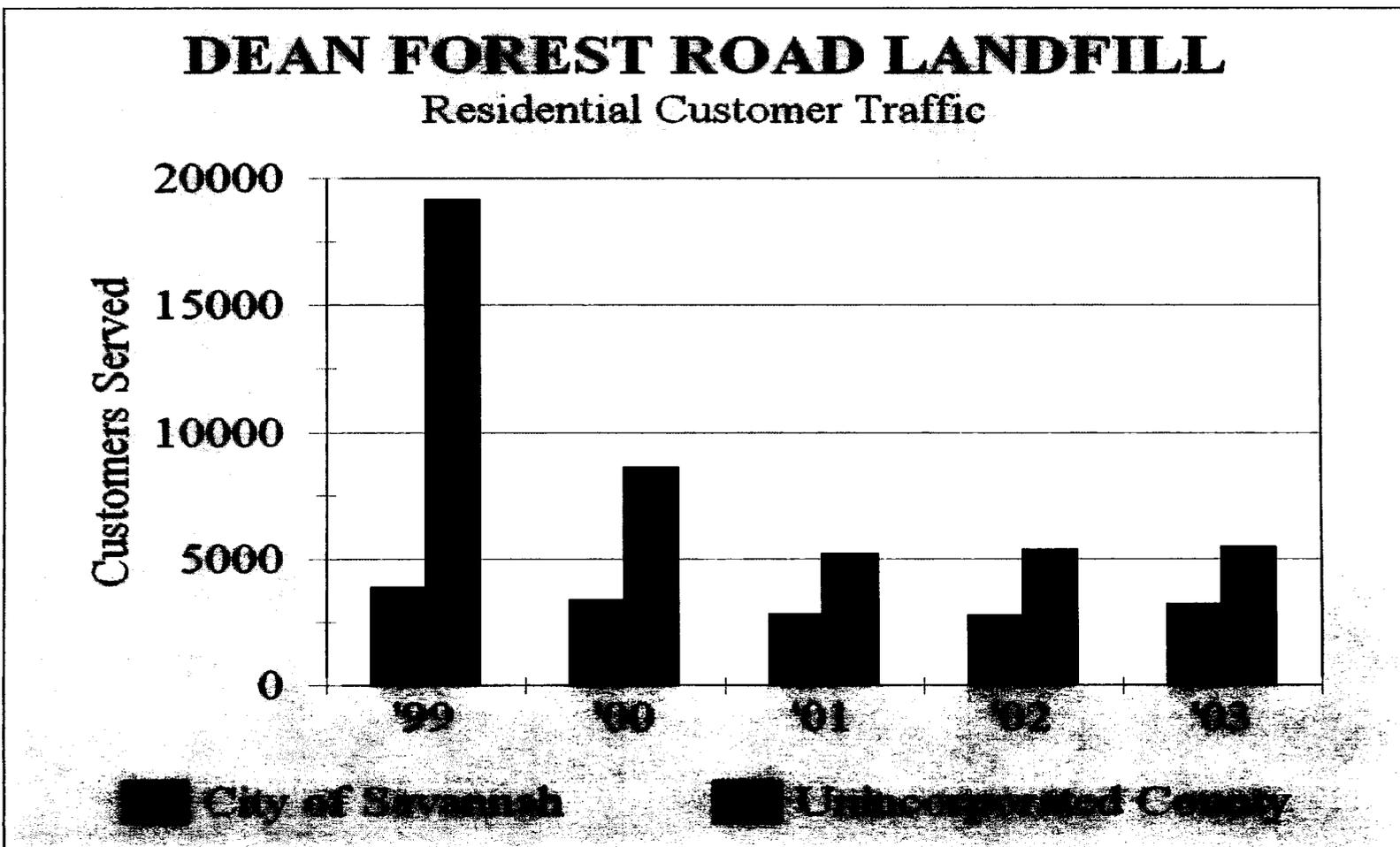
Refuse Disposal

DEAN FOREST ROAD LANDFILL

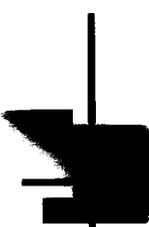
Major Waste Streams 2003



Refuse Disposal



Bacon Park Residential Trash Transfer Station

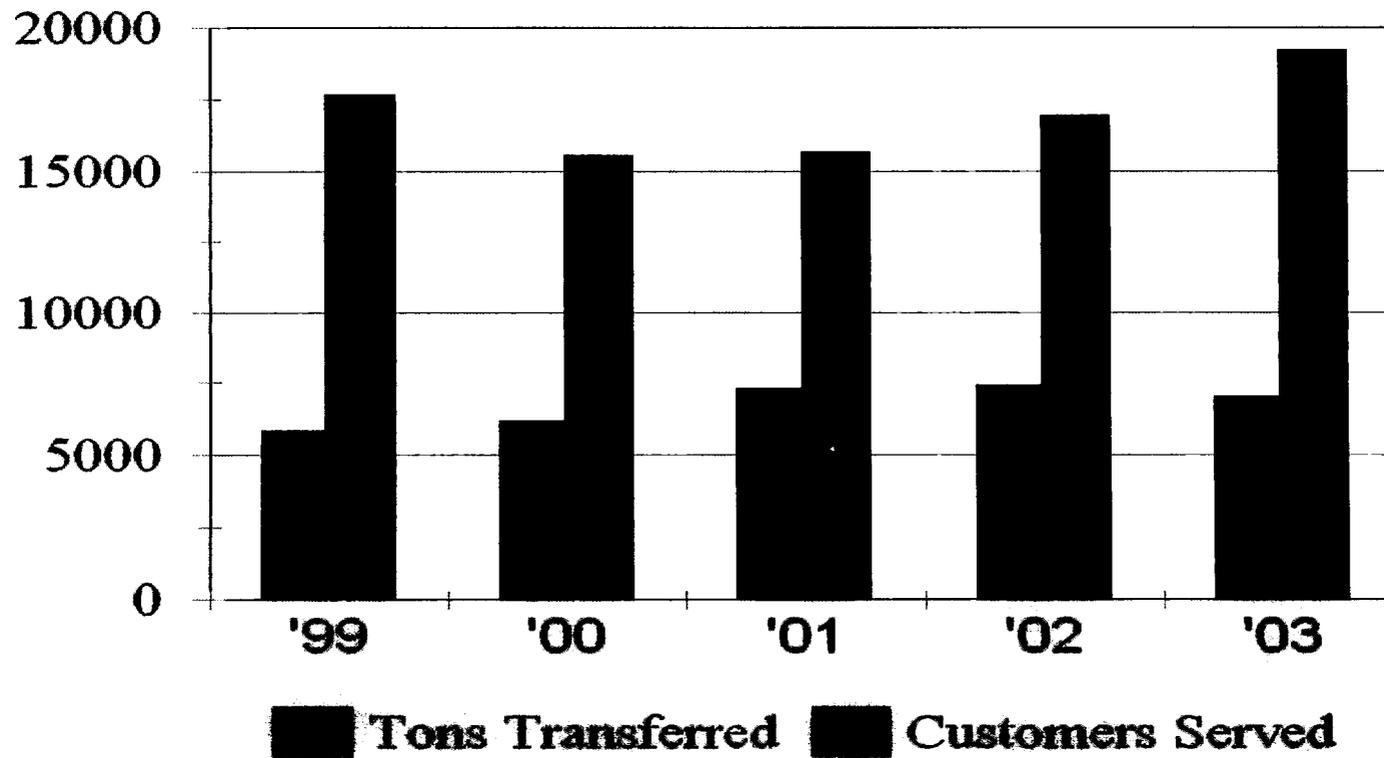


- Usage by City residents increased 14%.
- Tonnage transferred decreased by 5.5%.

Refuse Disposal

BACON PARK TRANSFER STATION

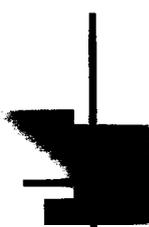
Workload Measures





Street Cleaning

Ted Adams, Administrator

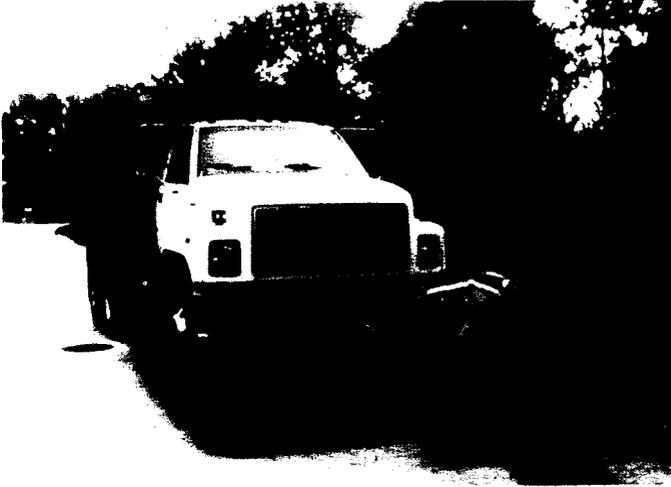


Street Cleaning

- Mission: To maintain an acceptable cleanliness level, free of litter and debris on all paved and curbed streets throughout the City of Savannah.
 - Street Sweeping
 - Citation Writing
 - Front End Loader Operations
 - Sign Maintenance

Street Cleaning Work Programs

Front End Loader Program



Front End Loader Program



Sweeper Support



Citation Writing

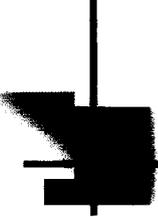


Sign Maintenance



Street Cleaning

2003 Accomplishments

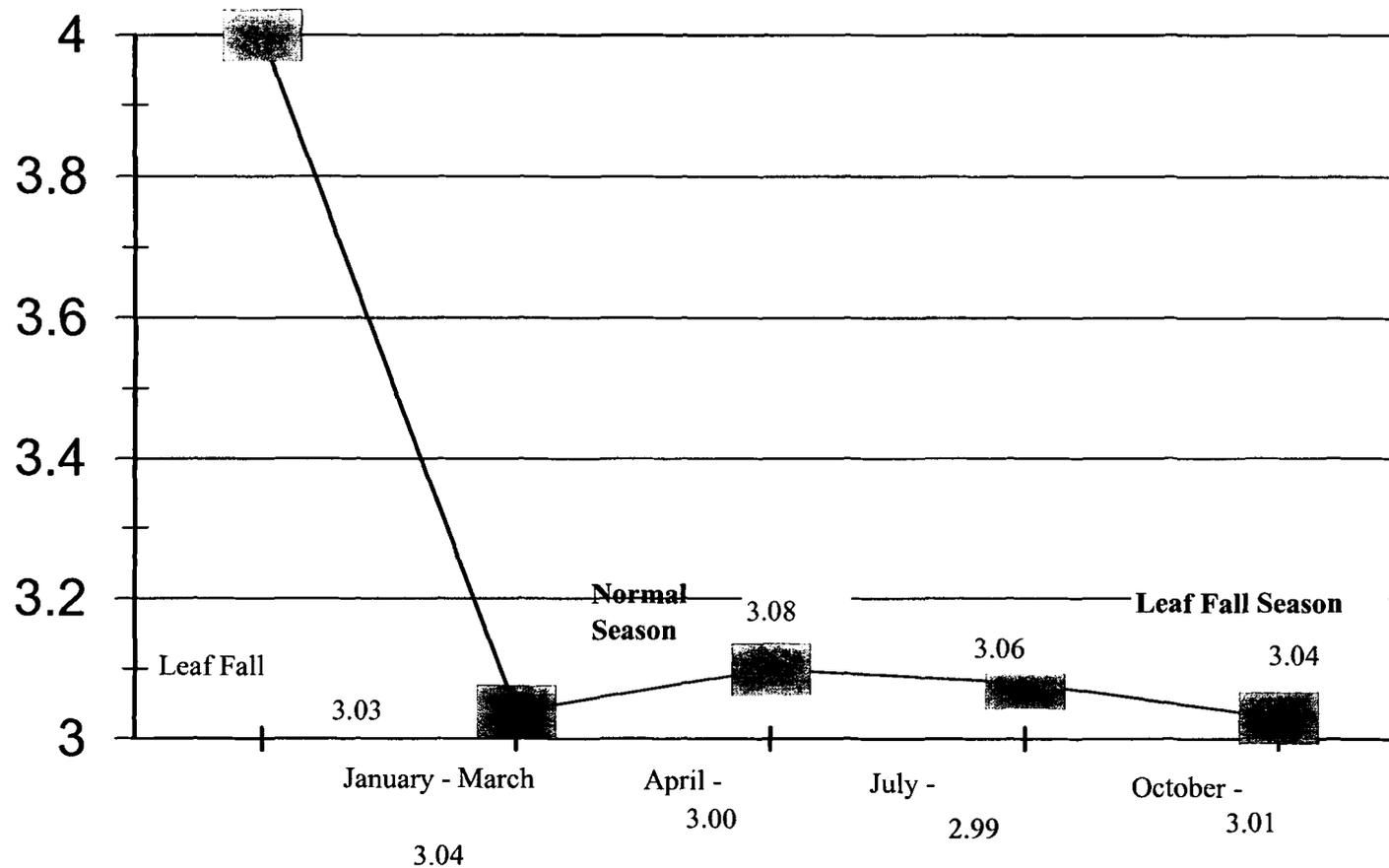


- Swept in excess of 34,000 miles of curbed /paved streets.
- Cleaned more than 2,500 miles of areas inaccessible to Street Sweepers.
- Issued over 32,000 "No Parking" citations for illegally parked vehicles.
- Maintained over 7,000 "No Parking" signs in zoned areas.
- 98% of budgeted revenue from citation writing program collected.

STREET CLEANING

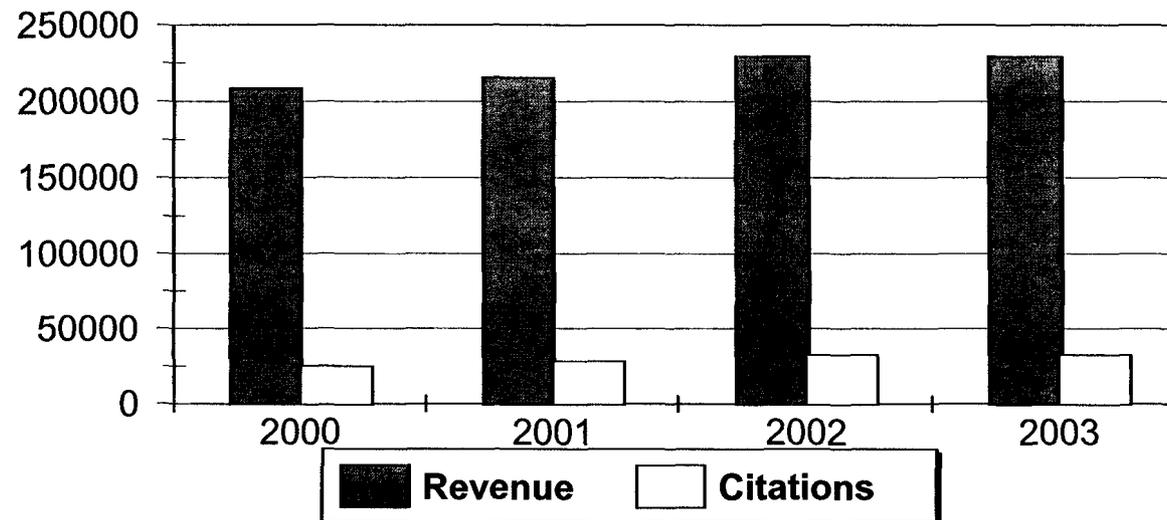
ANNUAL CITYWIDE MIDPOINT

Averages On A 0.00 - 4.0 Scale



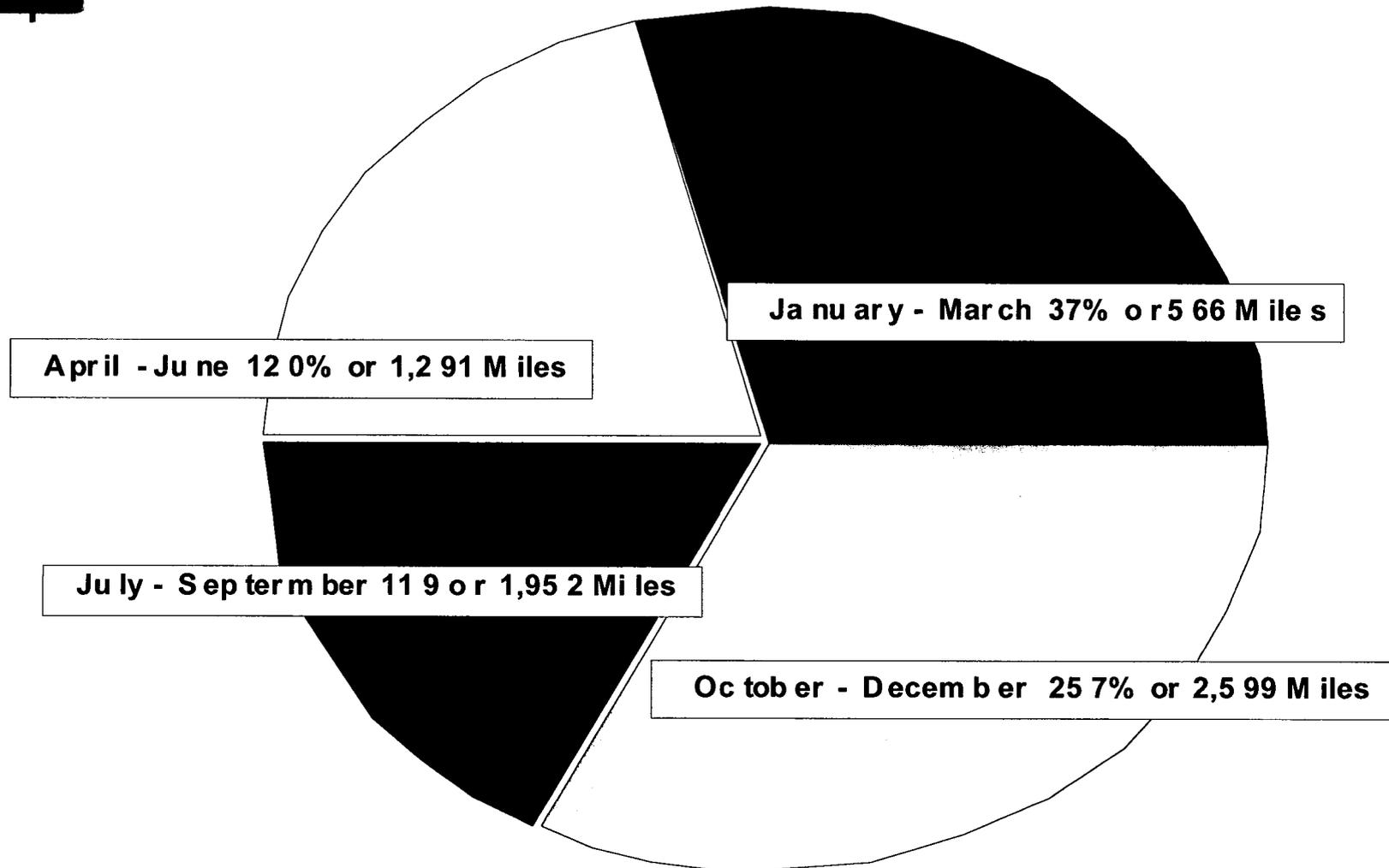
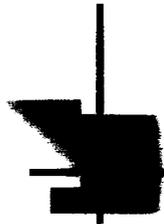
Street Cleaning

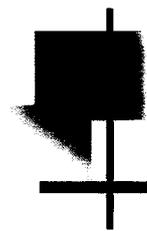
Citations Written/Revenue Collected



Revenue	\$208,398	\$222,391	\$236,580	\$222,316
Citations	24,866	28,153	32,790	32,722

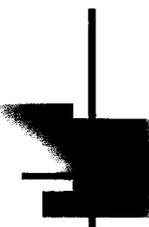
Street Cleaning Front End Program





Commercial Refuse Collection

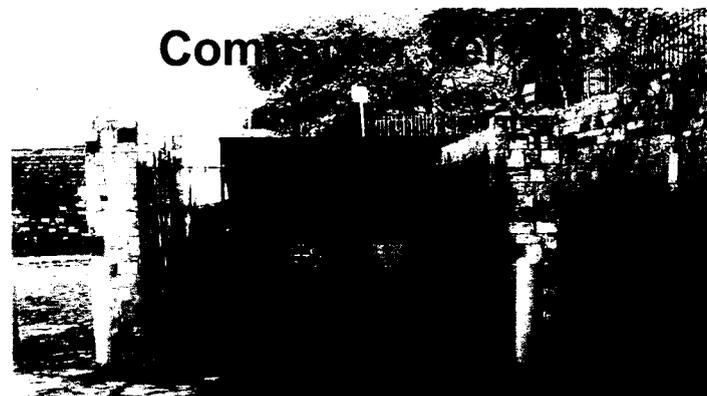
Jimmy Rhodes, Administrator



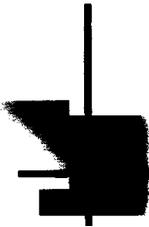
Commercial Refuse

- Mission: To provide all City commercial customers with quality service eliminating missed collections and damaged containers.

Commercial Refuse Collection Work Programs



Commercial Refuse Collection 2003 Accomplishments

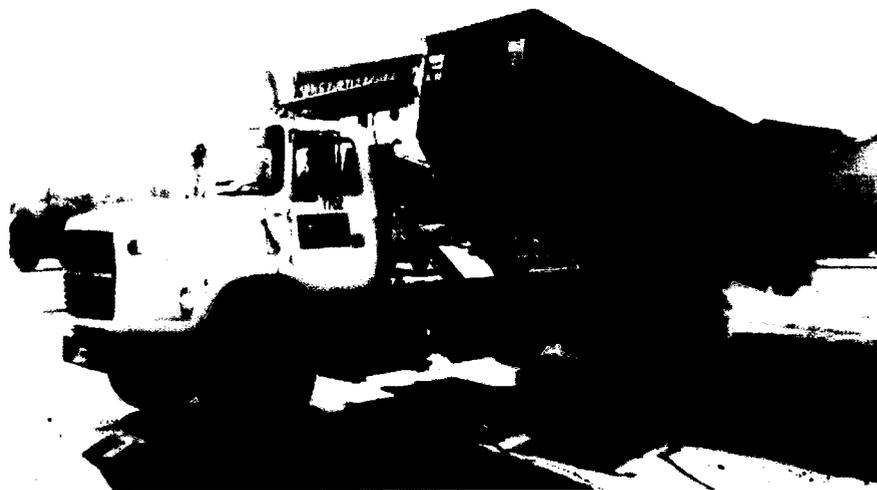
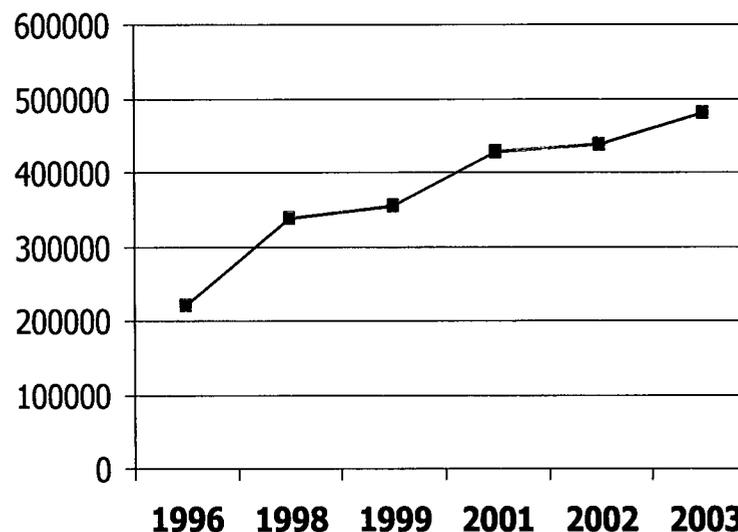


- Tons Collected from Commercial establishments - 56,240/month
- Actual number of containers serviced per month - 9,226
- Number of containers in service - 904
- Number of accounts in service - 1,067
- Number of containers repaired - 196
- Number of containers painted - 207
- Number of construction and demotion containers pulled - 1,461

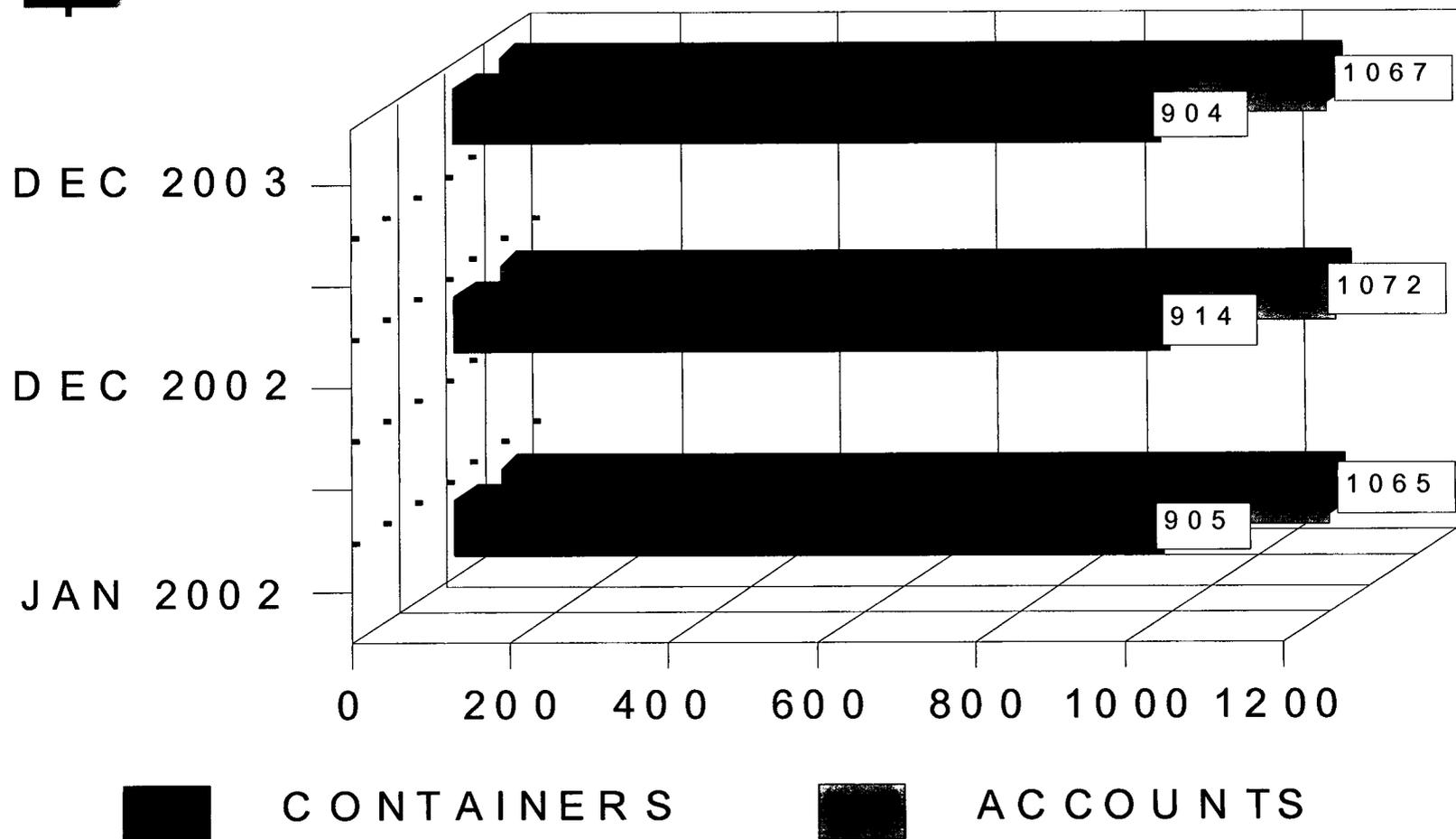
Commercial Refuse Collection

2003 Service Accomplishment

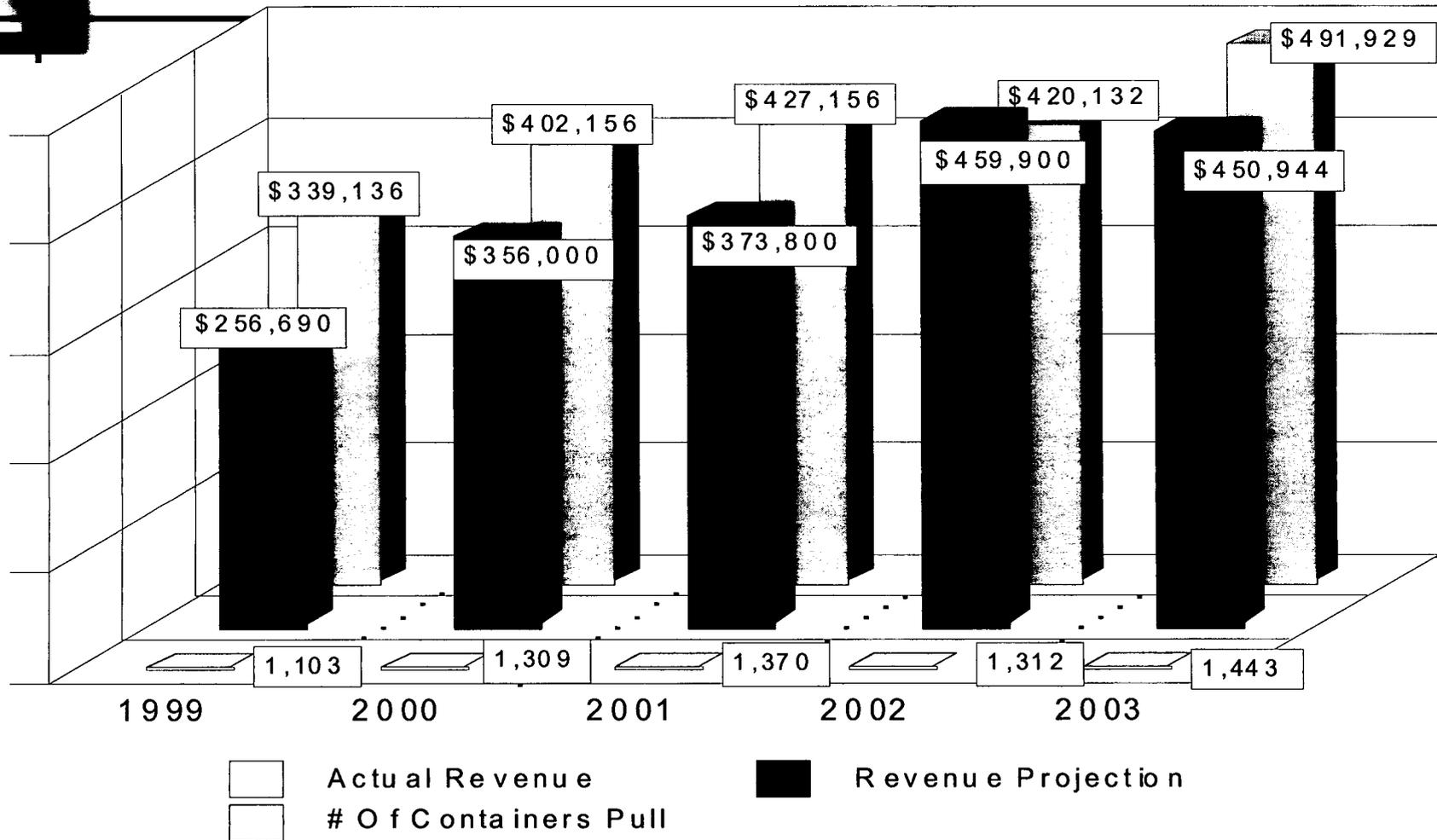
- Construction & Demolition Waste - Revenue Continues to Show Growth



Commercial Refuse Collection Account/Container Growth

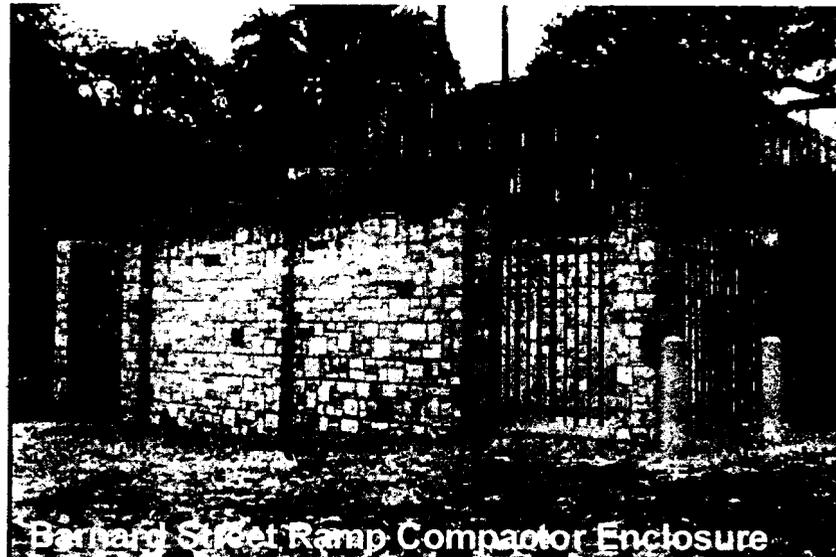


Commercial Refuse Collection Revenue/Container Pulls



Commercial Refuse Collection 2003 River Street Compactor Enclosure Project

- Lincoln Ramp (Still in Design Phase)



Water and Sewer Bureau 2003 Annual Report



City of Savannah
WATER & SEWER BUREAU

Harry Jue, Water and Sewer Bureau Director
Charles Birkenkamper, Water Quality Control Director
Ebrahim Ghazi, P.E., Water and Sewer Engineering Director
Jim Laplander, P.E., Conveyance and Distribution Director
John Sawyer, P.E. Water Supply and Treatment Director

Water and Sewer Bureau: An Overview

The Water and Sewer Bureau provides service to the city of Savannah, some unincorporated areas of Chatham County, and several nearby communities' water and sanitary sewer infrastructure. The organization is also tasked with ensuring environmental regulatory compliance while planning for area-wide growth and development with adequate water supplies and wastewater treatment capacity. Following are interesting operations facts about the bureau:

Interesting Water Operations Facts:

Ground water customers: 72,585

Residential: 62,957

Commercial: 9,628

Industrial and Domestic (surface) water customers: 21

(plus Pooler, Travis/Crossroads, Port Wentworth and Effingham County)

Miles of water lines: 829

Interesting Water Operations Facts - Continued

Valves: 16,000 main valves and appurtenances

Fire hydrants: 4,500

Ground water storage tanks: 8 (7.15 million gallons water)

Surface storage tanks: 2 (14.5 million gallons)

Water quality assurance tests:

In-house: 97,350

Private lab: 1,800

Cross-connection inventory devices: 5,572 (private and public)

Interesting Sanitary Sewer Operations Facts:

Sewer Customers: 70,564

President Street Wastewater Treatment Plant permitted capacity: 27
MGD

Wilshire Regional Wastewater Treatment Plant permitted capacity: 4.5
MGD

Georgetown Regional Wastewater Treatment Plant permitted capacity:
2.45 MGD

Travis Field Regional Wastewater Treatment Plant permitted capacity:
1.5 MGD

Interesting Sanitary Sewer Operations Facts - Continued:

Miles of sanitary sewer line: 784

Miles of gravity line: 693

Miles of force main: 91

Manholes: 17,000

Number of lift stations: 164

Frequency of lift station inspections:

Priority One stations: Daily

Priority Two stations: Twice Weekly

Reclaimed water gallons pumped: 128.24 million

Industrial pretreatment permitted customers: 23

Water and Sewer Bureau

Mission, Goal and Scope

Mission: To plan and manage the activities of the Water and Sewer Bureau to provide for future growth; to operate and maintain existing water and sewer infrastructure; and ensure environmental regulatory compliance.

Goal: A city where water and sewer facilities perform at maximum efficiency in accordance with regulatory requirements to meet customers needs.

Scope: The bureau is responsible for the planning, management, provision and coordination of the city's potable water and sanitary services. It oversees 242 positions, an annual operations budget of \$46.1 million and a current 5-year capital budget of \$50.1 million. It administers the **Bureau Director Office**, which includes **Environmental Affairs** and four departments. The departments are **Planning and Engineering, Conveyance and Distribution, Water Supply and Treatment, and Water Quality Control.**

Following are some of their accomplishments during 2003>>>

Water and Sewer Director Office

Employee Communications

The bureau's employee communications network remained a viable source during 2003. The employee communications team continued to provide meaningful initiatives to improve and maintain positive employee relations.

- Water and Sewer Bureau activities represented during 2002/2003 were: **Water Quality Control** – Services Management, Laboratory and Administrative Support: Nanine Smith, Regional Plants: Barry Turner, Operations: Herb Walden, **Water and Sewer Planning/Director Office** – Annette Williams, **Water Supply and Treatment – Groundwater**: Daryl Moultrie, **Industrial and Domestic Water Plant** – Joey Solomon, **Conveyance and Distribution** – Water Distribution: Tarik Wilson, Sewer Maintenance: Joe Bush and Charles Kelly, Lift Stations: David Hemphill; Lynette Allen, of Conveyance and Distribution, served as scribe.

Director Office – Continued

Employee Communications (Continued)

The team's key accomplishments during the year included:

- Successful bureau-wide participation and completion of two Cost Savings Incentive (CSI) projects for the public safety promoter initiative.
- Employee health screening history availability confirmed.
- First Employees "Best of" luncheon. The event recognized the winners of 2002 employee survey of "best" supervisor, crew and employee with the best attitude, as well as department employees of the year.
- Clarification of city's Vehicle & Commuting Policy HR-030 and Pay Policy, HR-010 for applicable employees and their managers concerning mileage reimbursement for on-call employees.
- Launching of employee morale-boosting initiatives.

Director Office – Continued

Employee Team Cost Savings Incentive Facilities Improvement Project

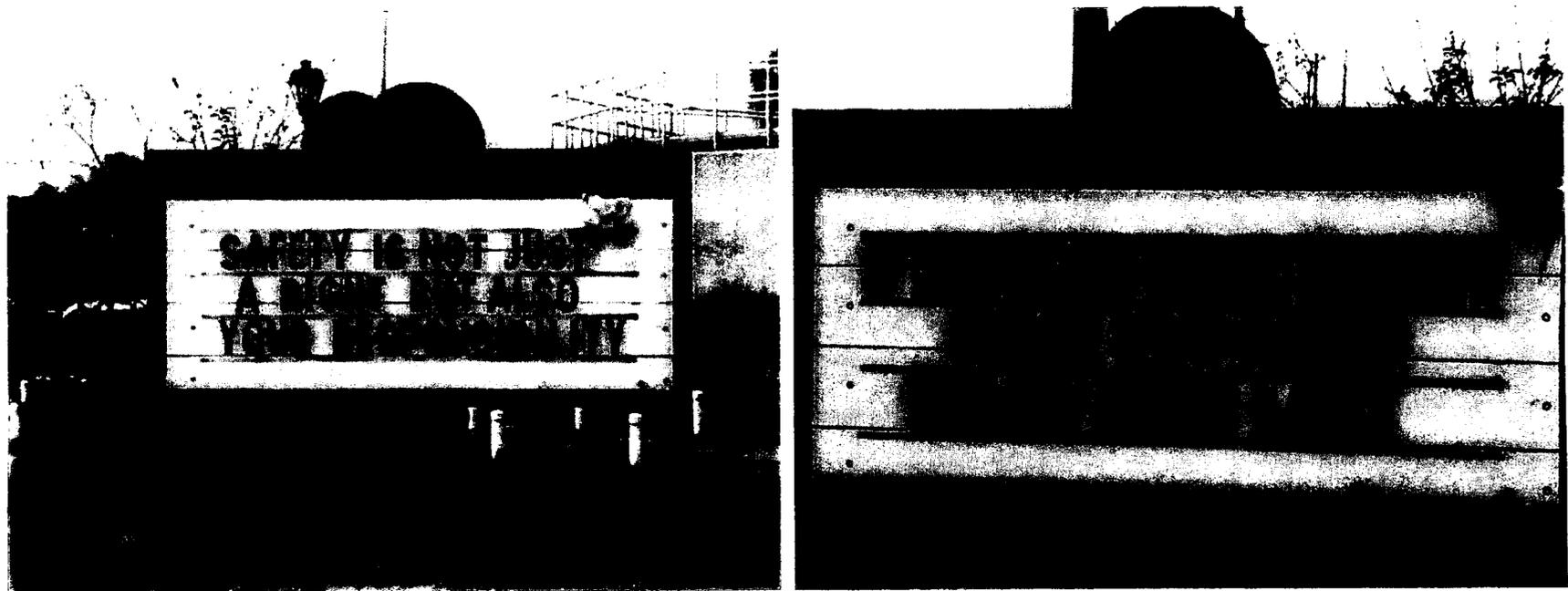
Team members greatly improved the appearance of Water Well #12 (East 35th and Lincoln Streets), sanitary sewer Lift Station #24 (Allen and Chambers Streets) and Lift Station #25 (Collat and Wilburn Streets).
Shown below are 'before' and 'after' photos of Well #12:



Director Office – Continued

Employee Team Cost Savings Incentive Safety Promotion Project

Team members organized a bureau-wide safety project. Employees provide messages for posting on the highly-visible President Street Plant Marquee.



Water and Sewer Bureau Honors Employees

The Water and Sewer Bureau held its annual employee luncheon on November 18, 2003. Employees were acknowledged for their exceptional achievements. There was also an opportunity to participate in the employee communications survey.



The following Water and Sewer department employees of the year were honored during the event:

Planning and Engineering

Harry Bright, Jr.

Water Supply and Treatment

Phil Douglas

Carl Edwards

Water Quality Control

Bernetha Brayboy

Randy Hackney

Terry Little

Joann McPherson

Bounnanh Phengsavathdy

Barry Turner

Conveyance and Distribution

Walter Davis

Terry Dukes

Environmental Affairs

Battlefield Park Acquisition and Cleanup

- City acquired the 10-acre Battlefield Park, and three additional properties from Norfolk Southern Railroad for a total of \$6.3 million
- 10 acre battlefield site contains soils contaminated with lead and arsenic resulting from former railroad operations
 - City will clean up contamination per agreement with Georgia Environmental Protection Division
 - Norfolk Southern will pay the first \$2.1 million of cleanup cost, and half of any cost exceeding \$2.1 million



Environmental Affairs – Continued

Deptford Tract – Former Municipal Landfill

- A city-owned and operated 60-acre landfill is now part of the Kerr-McGee Pigments (K-M) Plant site
 - Owned and operated from 1919 to 1952
- The site is listed on GA Hazardous Site Inventory
- The City was designated as a responsible party for site remediation along with Kerr-McGee
 - Remediation expected to involve removal of surface soil on less than one acre of the site and fencing the remainder

Environmental Affairs - Continued

Savannah Harbor Restoration Project

- The city is the non-federal sponsor of an Army Corps of Engineers (COE) project to investigate restoring dissolved oxygen levels in the harbor to predevelopment conditions
 - The city is supported in this project by all industries and municipalities holding permits to discharge to the harbor
 - Project is being conducted in conjunction with GPA's Harbor Deepening Project
 - Harbor deepening will result in lowering the dissolved oxygen level in the harbor, and must be mitigated
- [This project is closely associated with an EPA/EPD project to establish TMDLs for the Savannah Harbor – see next slide]



Environmental Affairs – Continued

Savannah Harbor Restoration Project Establish Total Maximum Daily Load (TMDL) for Harbor

- US Environmental Protection Agency (EPA) & GA EPD are required to establish new water quality standards including dissolved oxygen (DO) levels in the harbor
- The Savannah Harbor is not expected to meet the new DO standard
- EPA & EPD will establish TMDLs for each municipal & industrial discharger who will then be required to develop plans to meet these discharge standards
 - New standards and TMDLs are to be based upon water quality simulation model being developed in conjunction with the Savannah Harbor Deepening project

Environmental Affairs – Continued

EAO's Legislative Involvement

- The City successfully lobbied the GA State Senate to defeat proposed legislation which would have allowed the sale of water withdrawal permits. The enabling bill (HB 237) had passed the GA House
- City staff continue to lobby EPD, Department of Natural Resources, and GA legislature regarding the need for comprehensive statewide water planning legislation, and expect to participate in the statewide planning process

Environmental Affairs – Continued

Vernon River & Hayners Creek Water Quality Improvement Project

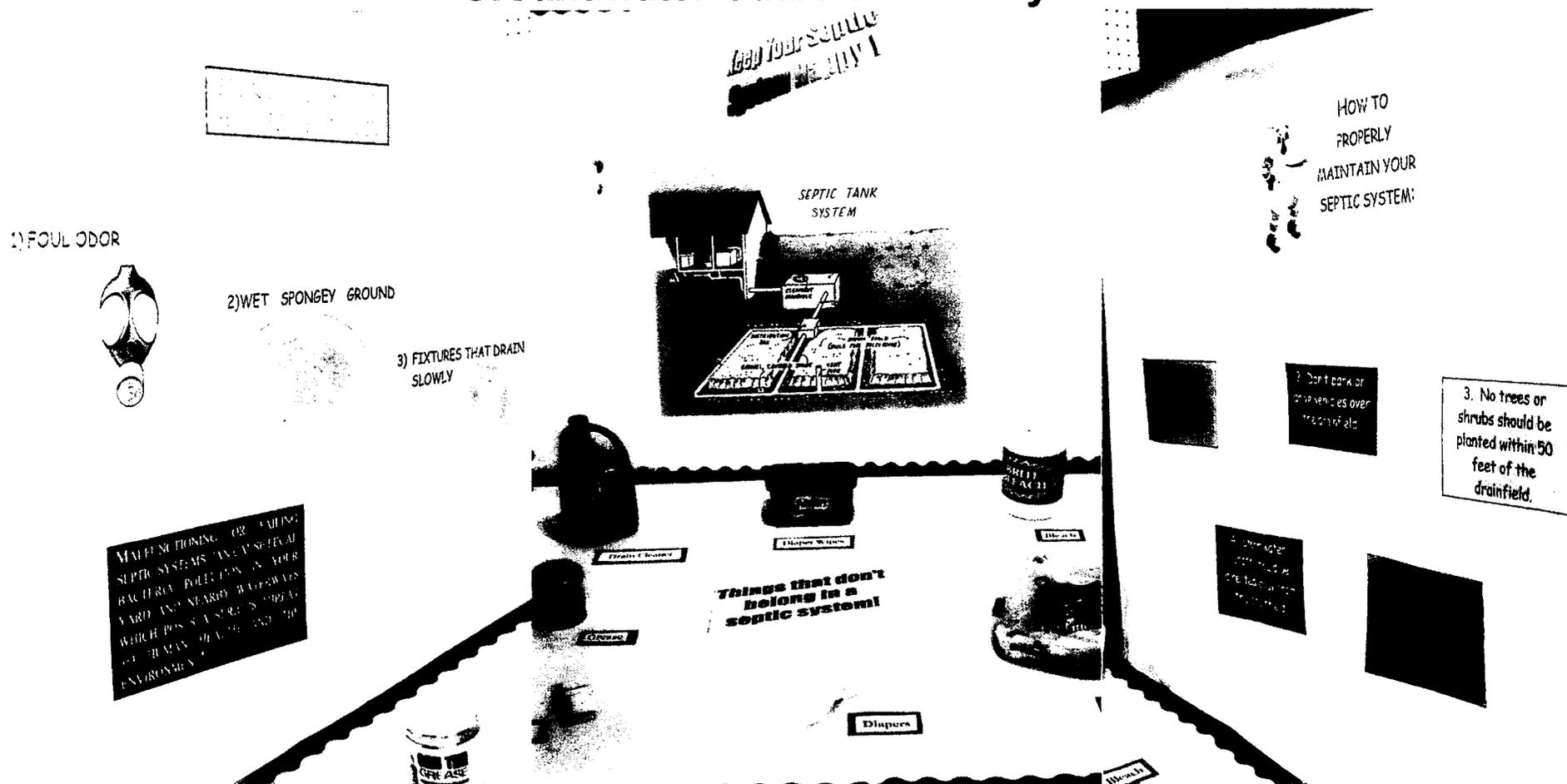
- Hayners Creek and parts of the Vernon River do not meet water quality standards for fecal coliform bacteria
- City has conducted extensive studies of the sanitary sewers in this basin, and has eliminated sewer overflows and illicit connections to storm water systems as probable causes of the high fecal bacteria
- The city, Chatham County, Chatham County Health Department and town of Vernonburg have jointly applied for a \$450,000 federal grant to identify probable sources of fecal bacteria in this waterway
 - Research to be conducted by Skidaway Institute of Oceanography and Savannah State's Marine Biology Department
 - Malfunctioning septic systems have been identified in some areas and more are expected

Environmental Affairs – Continued Clean Water Week Observance



The city of Savannah and Keep Savannah Beautiful, in celebration of Clean Water Week, organized a Rivers Alive Clean Up on October 25 for the Hayners Creek area. There were 45 participants, in kayaks and canoes, who picked up over 180 trash bags full of litter. The cleanup removed 1.12 tons of trash from this waterway in three hours.

Environmental Affairs – Continued Groundwater Guardian Activity



The Groundwater Guardian Team created an educational booth on proper maintenance of septic tanks for the 2003 Coastal Empire Fair. The exhibit won first place in its category of an adult exhibit in Chatham County. The prize money will go towards the Groundwater Guardian Awards for the 2004 Ogeechee Science and Engineering Fair.

Environmental Affairs – Continued Coastal Water Festival



The city of Savannah and Chatham County Cooperative Extension Service coordinated a Coastal Water Festival at the Bamboo Farm on November 7th, 2003. One hundred fourth graders from Georgetown Elementary attended. The festival was designed to have hands-on activities using water as the subject. These activities meet the quality core curriculum for this level. The students learned about water conservation, aquatic life, Xeriscape principles, groundwater, and pollution.

Environmental Affairs – Continued WaterFirst Community Award



The city of Savannah was designated on September 2, 2003, as a WaterFirst Community. This designation was awarded to the city for its pursuit of excellence in water resource management. This honor also allows a one percentage point reduction of interest on Georgia Financial Assistance loans.

Environmental Affairs – Continued Earth Day Celebration



Earth Day 2003, "*Education for Conservation*," was held in Forsyth Park on April 12, 2003. Attendance reached 9,500 people for the day's events. The Recycle Rama collected: 1,100 gallons of paint, 300+ gallons of used motor oil, 70 car batteries, 40 lbs. of rechargeable batteries, two truckloads of Goodwill items, 300 lbs. of aluminum, 400 lbs. of metal, and 25 pairs of eyeglasses. The park festival had 81 vendors and exhibitors providing a wide variety of environmental activities and information for the public. Many enjoyed the Puppet People's Turtle Puppet Show and the Famous Frisbee Dogs. The Bicycle Ride had 130 riders from all along the eastern seaboard cycling through our city.



Ebrahim Ghazi, P.E. – Engineering Director

WATER & SEWER PLANNING and ENGINEERING

The department's mission is to plan and develop water and sanitary sewer services by:

- Maintaining engineering and environmental standards
- Sustaining community growth
- Providing a high level of service that enhances the quality of life in the community

WATER & SEWER PLANNING and ENGINEERING - Continued

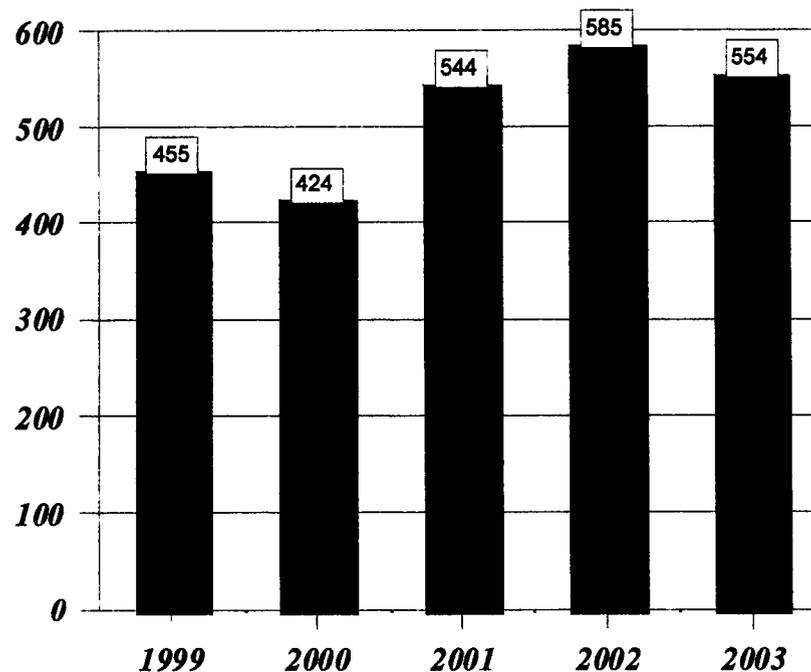
- Three of the department's noteworthy achievements include:
 - Establishing a tracking system for Capital Improvement Projects
 - Updating the water section of the city standard specifications and construction details
 - Installation of new sewer modeling software

- Following are additional 2003 accomplishments:

WATER & SEWER PLANNING and ENGINEERING - Continued

Utility Plan Review

Plan review continues to be one of the top priorities for this department. This ensures plans submitted for review are in compliance with federal, state and local regulations as well as engineering standards.

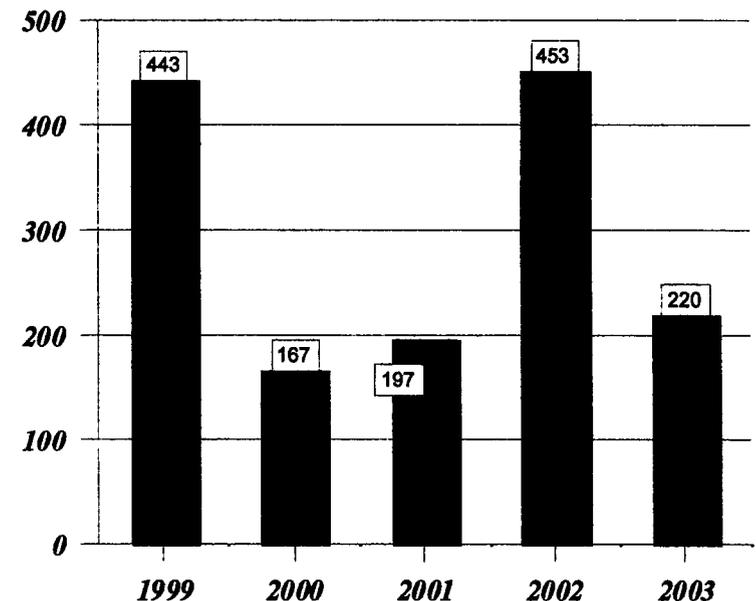


WATER & SEWER PLANNING and ENGINEERING - Continued

Utility Connection Coordination

This department processes water tap-in and water connection requests. Each project request is checked for the following:

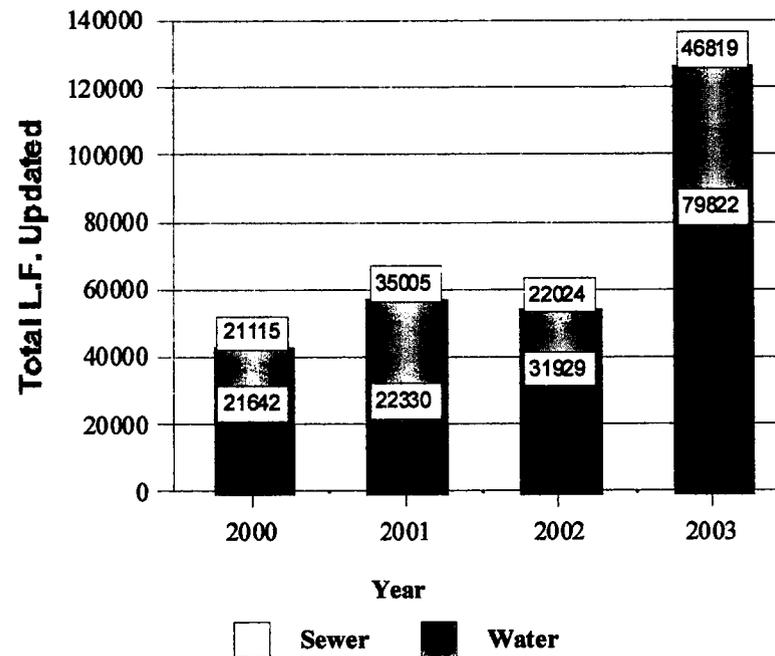
- Water and Sewer Agreement (if applicable)
- Fees paid (if applicable)
- Water system tested for pressure and bacteria (if applicable)



WATER & SEWER PLANNING and ENGINEERING - Continued

Infrastructure Management

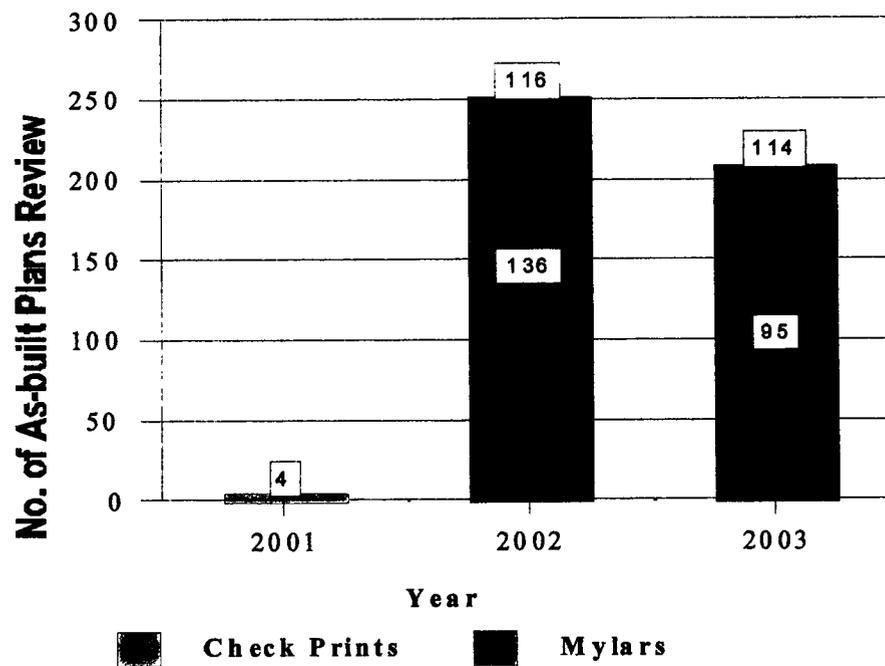
Since 1999, this department has added over 173,000 linear feet of new water lines and 150,000 linear feet of new sewer lines to the utility maps.



WATER & SEWER PLANNING and ENGINEERING - Continued

As-Built Review

Since December 2001, this department adopted the review of check prints and final as-built plans for the water and sewer systems. Over 450 as-builts have been processed.



WATER & SEWER PLANNING and ENGINEERING - Continued

Capital Improvement Projects (CIP)

This department continues to manage this program efficiently and effectively from the beginning of a project to the end of the project by conducting:

- CIP Plan Reviews
- CIP Project Planning
- Request for Proposal (RFP) Preparation
- Consultant Evaluation and Selection
- Contractor Evaluation and Selection
- CIP Project Design
- CIP Construction Inspection
- Close-Out Document Management
- Georgia Department of Transportation project utility location/relocation coordination
- Chatham County project utility location/relocation coordination
- CIP Construction Management

WATER & SEWER PLANNING and ENGINEERING - Continued

**Capital Improvement Project (CIP)
Construction Site Scenes**



Stephenson Avenue Widening

WATER & SEWER PLANNING and ENGINEERING - Continued

Capital Improvement Projects (CIP)



Hope VI Project
Formerly Garden Homes

WATER & SEWER PLANNING and ENGINEERING - Continued

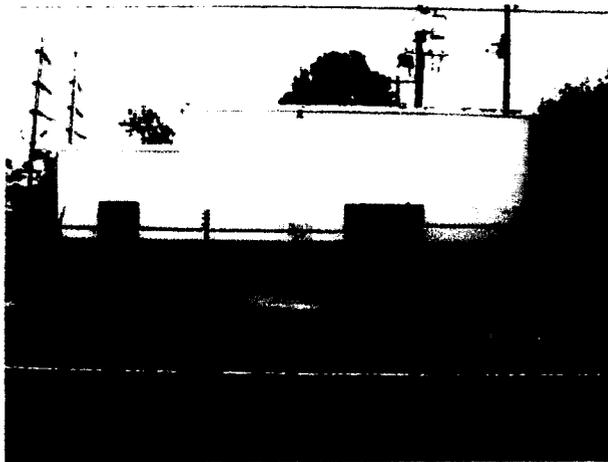
Capital Improvement Projects (CIP)
Whitemarsh Island Water Tank Scene



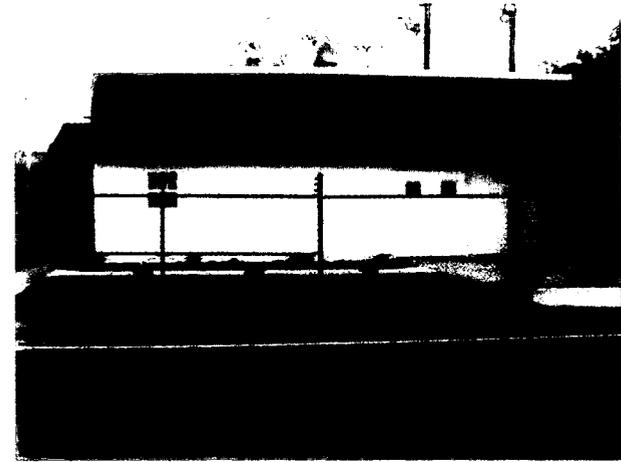
WATER & SEWER PLANNING and ENGINEERING - Continued

Well Site and Lift Station Improvements

The water and sewer maintenance crew was established in 1997 to perform various maintenance tasks on the city's well sites and lift stations. Currently, there are a total of 41 well sites and 164 lift stations located throughout the city of Savannah and Chatham County. Below are before and after pictures of Well #6 located on Cornell Avenue between Waters Avenue and Benedictine Military School.

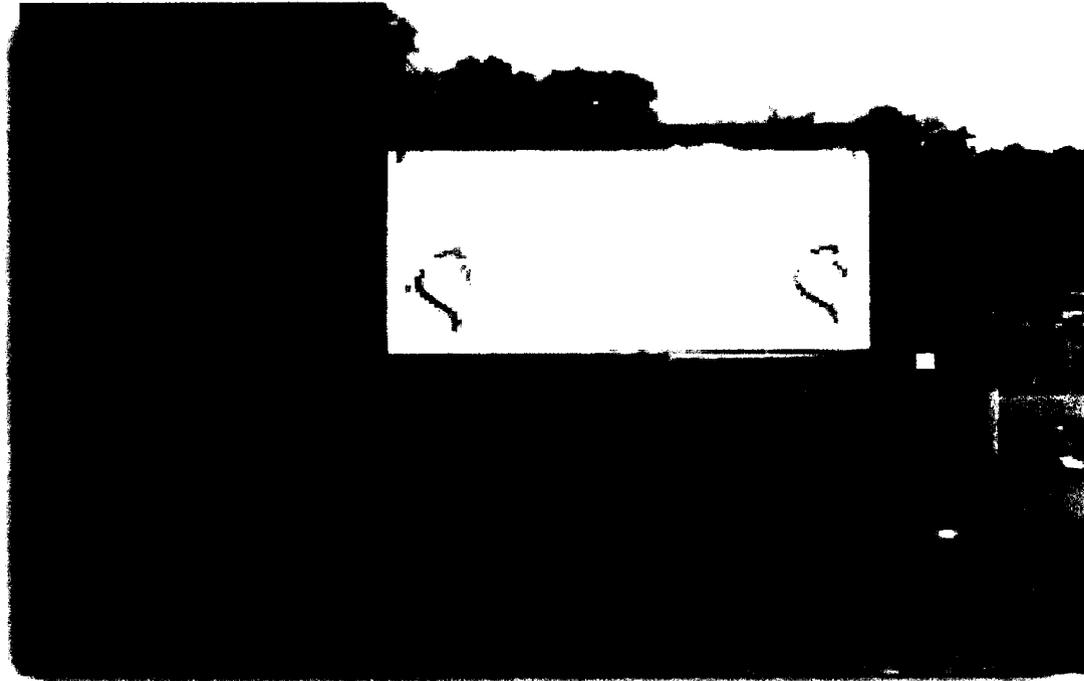


Before



After

Conveyance and Distribution Department



Jim Laplander, P.E., Conveyance and Distribution Director
Arthur Frank Banks, Water Distribution Administrator
Clay Rogers, Conveyance Administrator

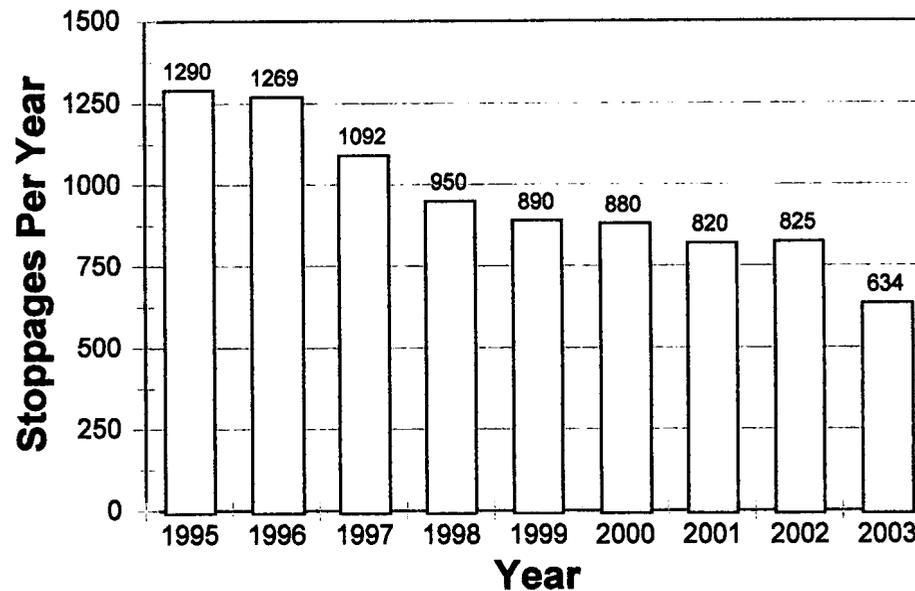
Conveyance & Distribution

During 2003 Conveyance worked toward its mission to:

- Ensure the collection and uninterrupted transportation of sanitary sewage through a series of pipes within the city maintained sanitary sewer system in accordance with local, state and federal regulations
- Facilitate efficient transportation of sanitary sewage to the city's wastewater treatment plants, and
- Operate and maintain the infrastructure necessary to deliver safe potable water at flows and pressure sufficient to meet current residential, commercial, industrial institutional and fire protection demand to accommodate and promote growth

Conveyance - Continued

**Conveyance System
Annual Stoppages**

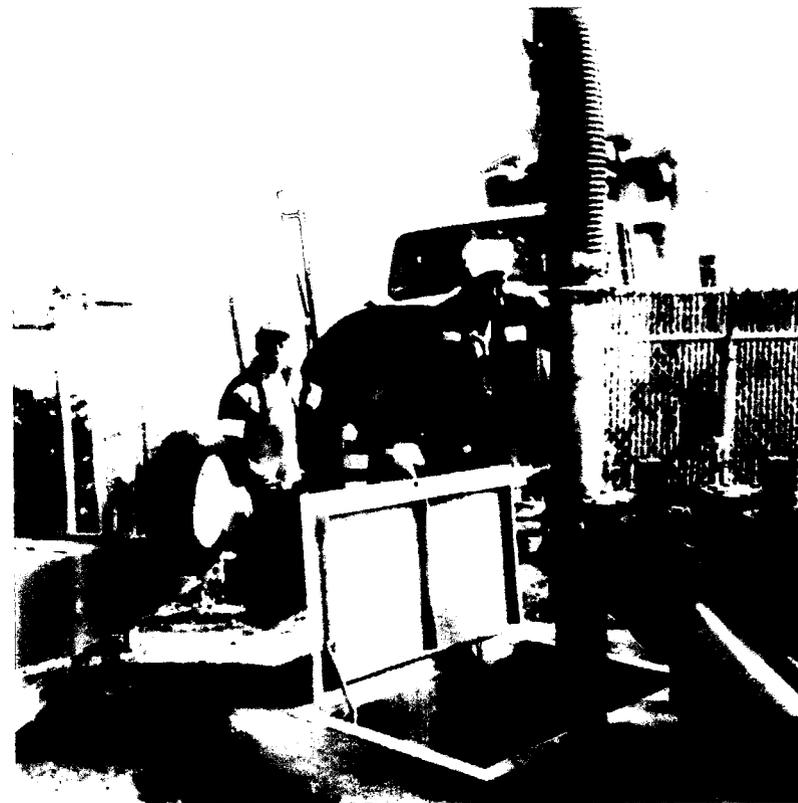


**25% sewer line stoppages
reduction**

Conveyance - Continued

The reduction in stoppages was due to the following:

- Cleaning of 164 lift station wet-wells
- Increase in sewer line cleaning
- Sewer line rehabilitation
- Grease inspections



Conveyance - Continued

- Bee Road Lift Station (LS) #64 Rehabilitation. This station is the largest Sanitary Sewer LS with flows of 10 to 12 Million Gallons per Day (MGD).
- This rehabilitation included 24" piping and coating replacement, along with bypass pumping to assure operational redundancy for public safety.



Conveyance - Continued

Island's LS #131 force main

- Approximately 850 feet of 16" pipe was replaced
- This repair was due to 2002's force main break and was needed to replace the original pipe that was found to be potentially defective and could have resulted in a sewage / environmental spill in the area



Conveyance - Continued

Other accomplishments included:

- New controls, Supervisory, Control, and Data Acquisition (SCADA) units, and on site generators were installed at 20 lift stations (LS)
 - These controls, generators, and SCADA units are used to assure redundancy for station control and offer fail safe for system operations.



***LS #30 –
Fernwood/Parkwood***

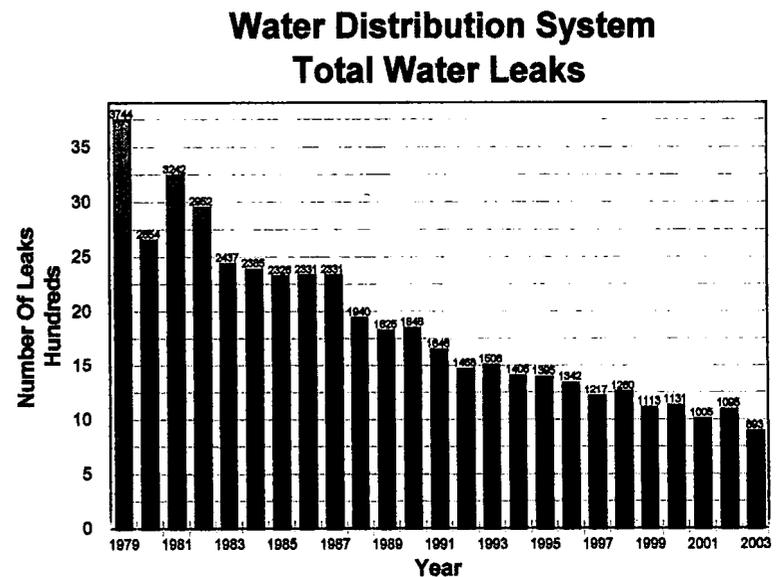
Conveyance - Continued

- Over 21 miles of sewer mains rehabilitated since 2001. These rehabilitations are done to avoid overflows which result in public health concerns, mitigation costs, and punitive fines from the State and Federal Environmental Regulatory agencies
- 1,850 manholes rehabilitated since 2001
- 104 sanitary & storm water separations, which is a 20% increase from 2002
- 50% reduction in vehicle accidents from 2002
- Both Conveyance activities finished 2003 within budget

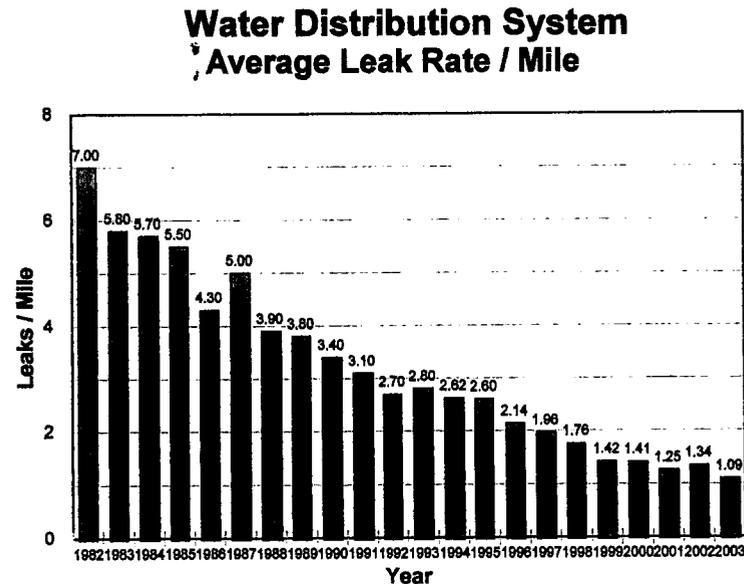
Water Distribution

Water Distribution reduced leakage by 18% from 2002 as seen in the graph below and was accomplished through:

- In-house and CIP Water Line Replacement projects
- Service lateral replacements which occur when old laterals are encountered during leak repairs



Water Distribution - Continued

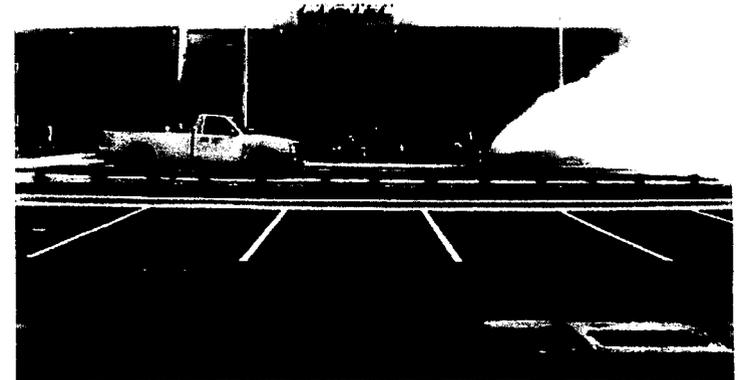


As the city grows, the miles of water lines increase also. The leak rate is continually decreasing and is a good indicator of the system's condition.

Water Distribution - Continued

- Distribution and Supply System received a Class I Rating by the Insurance Services Office (ISO)
- City Fire Services received a Class II Fire Rating by ISO

The ISO performed its Public Participation Classification Survey of the city during 2003. This survey analyzes the structure fire suppression system in Savannah, which is used in determination of fire insurance rating for properties in the city.



*Hydrant test in
Crossroads area*

Water Distribution - continued

Water Distribution is continually looking for ways to reduce Groundwater usage to meet the requirements of the Environmental Protection Division's Interim Groundwater Strategy. This is done through:

- Water main replacement, leak reduction and water conservation
- Conversion of 15 downtown squares and Bacon Park Golf Course to shallow wells



Developing shallow wells at Bacon Park

Water Distribution - Continued

- Water Distribution's Cross Connection (CCCCP) Control Program continues to grow at a steady rate
- The number of potential cross-connections, which may negatively impact the system, has increased by 35% since 1997.



The goal of the Cross Connection Program is to protect the water system from toxic or obnoxious chemicals.

Water Distribution - Continued

- Water Distribution performs utility locates for the City Water, Sewer and Storm utilities in accordance with Chapter 9 of Title 25 – Official Code of Georgia
- The number of locates has nearly tripled since 1997, which is a direct result of increased development in the area

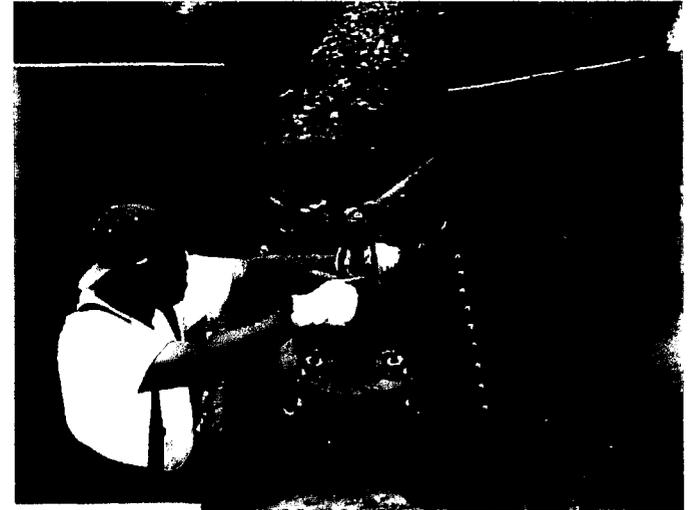


Utility locates are done throughout the service area.

Water Distribution - Continued

North Lathrop 24" Groundwater Relocation

- This project was required in coordination with the Westside Storm Drainage Project which was needed to avoid large petroleum pipelines in conflict with both a storm and water pipe



Water Distribution - Continued

Annual Meter Testing Program

- The large revenue meters are tested periodically to assure meter accuracy
- Meters are repaired, changed out and/or replaced as required. 25% of the meters tested needed calibration



*Testing being done at
Coastal Correctional
Institute*

Water Distribution - Continued

Old Windsor Plant / Park Restoration and Water Supply Project

- The water source for the new Windsor Park was completed and the new pond was filled
- This work was done in coordination with Water Supply, Water Quality Control and Leisure Services



*Filling of Pond
at dusk*

Water Supply and Treatment Department



John Sawyer, P.E., Water Supply and Treatment Director
Willie Weil, Water Supply and Treatment Administrator

Water Supply and Treatment

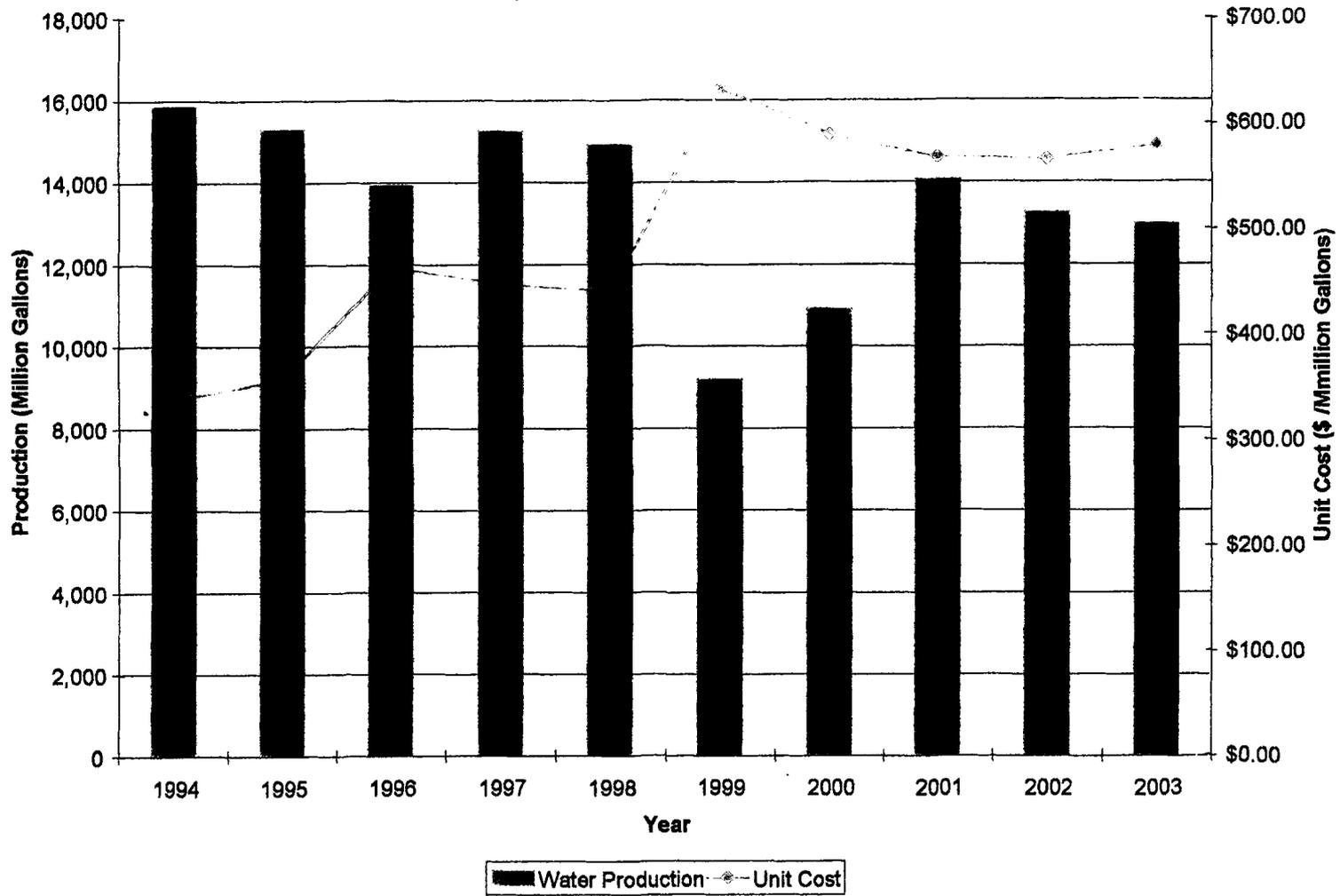
- Throughout 2003, Water Supply and Treatment continued its mission of:
 - Providing the highest quality potable water service
 - Protecting both the ground water and surface water sources
 - Providing for increased growth and development throughout the Savannah metropolitan area
- Following are some of the accomplishments achieved during 2003:

Surface Water

- Despite heavy rains, overall source water quality improved throughout 2003 due to the Savannah River Cuts 3 & 4 project completed in 2002
- Several new regulatory requirements became effective in 2003 requiring adjustments in process and treatment
 - Increased removal of Total Organic Carbon
 - Commencement of enhanced coagulation
 - Reductions of disinfection by-products

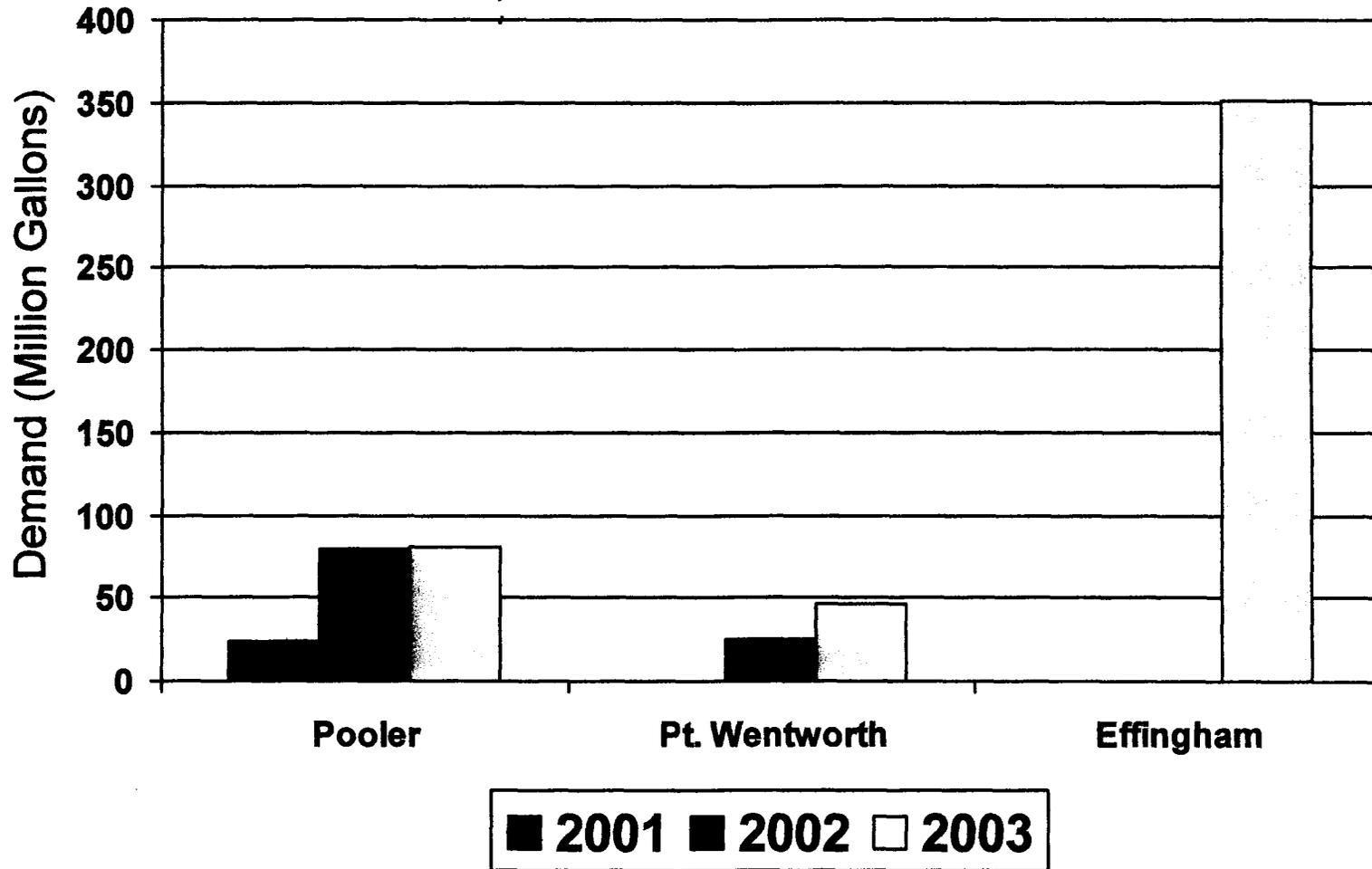
Surface Water - Continued

Surface Water Production / Cost



Surface Water - Continued

Water Supply to Other Entities

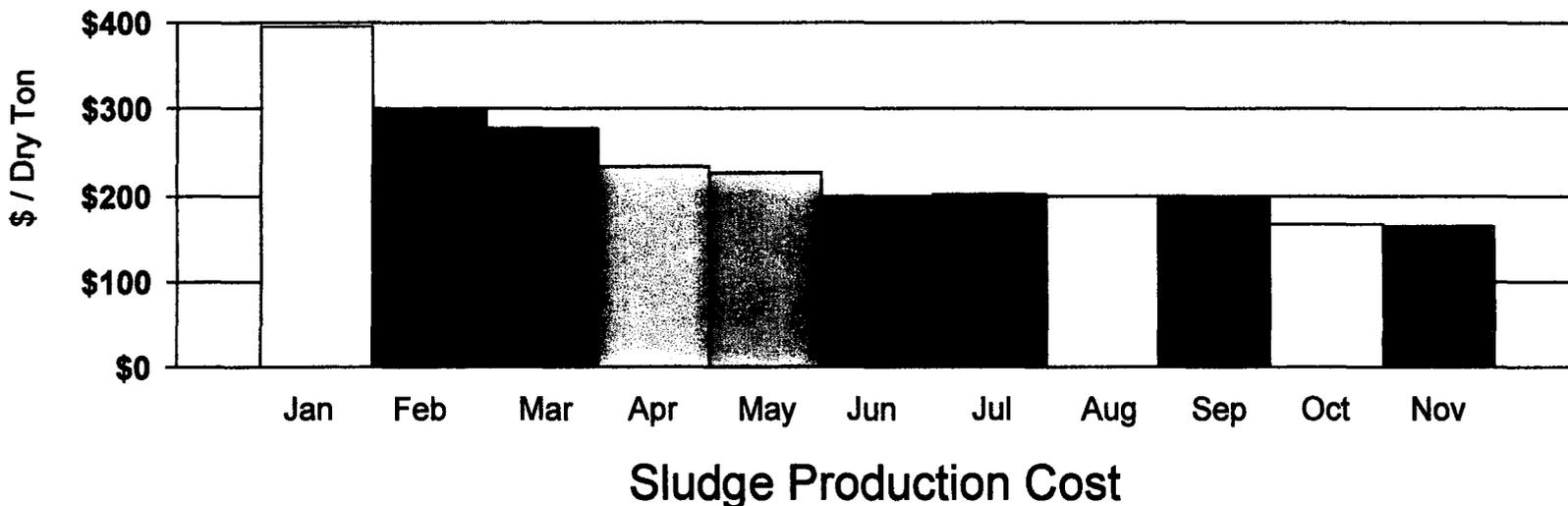


Surface Water – Continued

Surface Water Highlights

- Sludge Dewatering

- I&D completed its first year of operation of the sludge facility placed in service in January of 2003
- Operations has been very successful through the learning curve of the new dewatering system and has reduced the unit cost of sludge production throughout the year
- Plant effluent is now back in compliance with the NPDES discharge permit



Surface Water – Continued Achievement

- **Pilot Plant**
 - Savannah and Georgia Tech entered into a cooperative agreement which will allow students access to a versatile and state-of-the-art water treatment research facility. This arrangement will provide the city with cutting edge research data from masters and doctoral level students of one of the country's premier engineering universities.
 - Initial results have shown a very close correlation between pilot plant operational characteristics and those of the I&D plant
 - Research into the first of several potential operational modifications to reduce disinfection by-products was completed in addition to start-up testing of the pilot plant. Results of tests on a mixed-oxidant (MIOX), which is used for disinfection, indicated that no significant benefit was obtained.
 - City has also been in preliminary discussion with the American Water Works Research Foundation (AWWARF) regarding the potential for grants to fund cutting-edge drinking water research

Surface Water - Continued

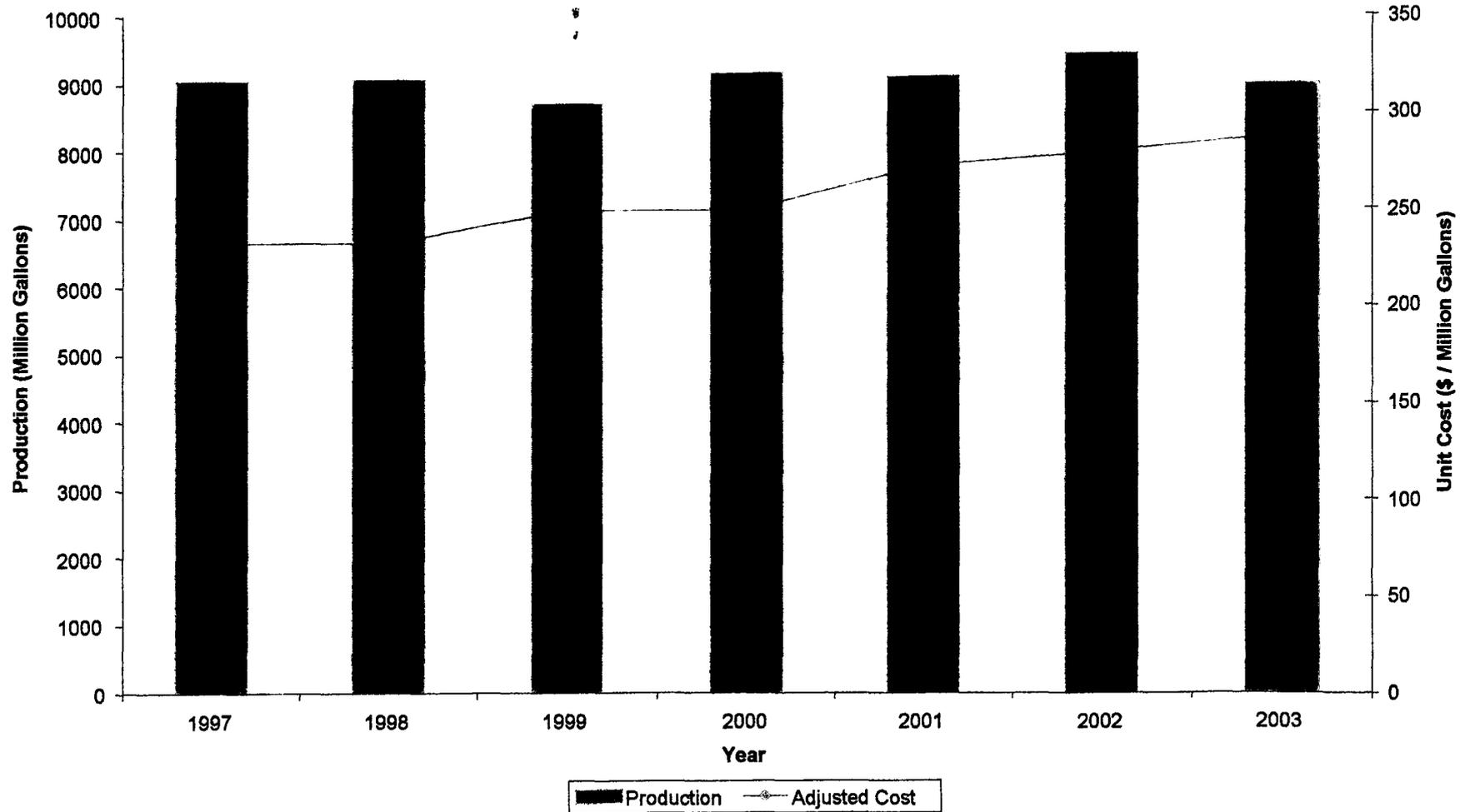
- Vulnerability Assessment
 - As part of the overall increased security demands required since September 11, 2001, Water Supply and Treatment has completed a comprehensive assessment of the water system vulnerabilities
 - An Emergency Response Plan was also completed to address any security concerns raised as part of the vulnerability assessment
 - The Vulnerability Assessment and the Emergency Response Plan are both exempted from the “Freedom of Information Act”
 - These plans were completed with grant funding through the U.S. Environmental Protection Agency

Ground Water

- Rains brought relief to the area after over four years of drought. Water production was correspondingly reduced by approximately 4.5% compared to pumpage in 2002.
- The 2003 water audit showed a system wide rate of unaccounted for water at 9.1%. This is a reduction of 1.4% from the 2002 audit results of 10.4%.

Ground Water - Continued

Ground Water Production / Cost

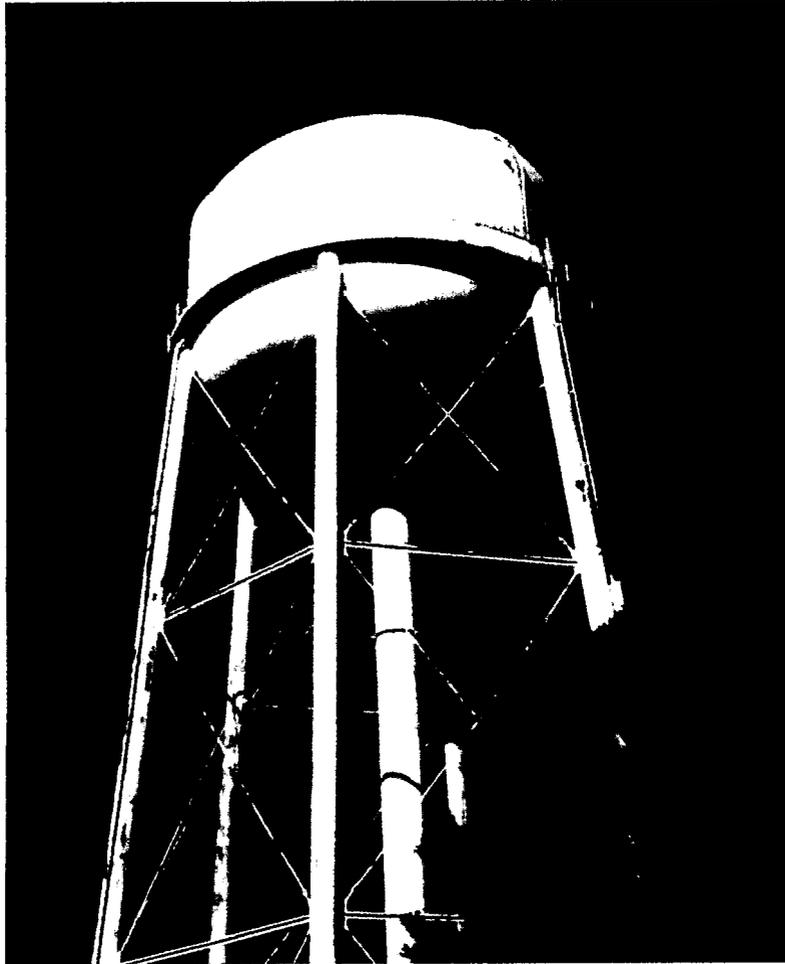


Ground Water – Continued Achievement Highlights

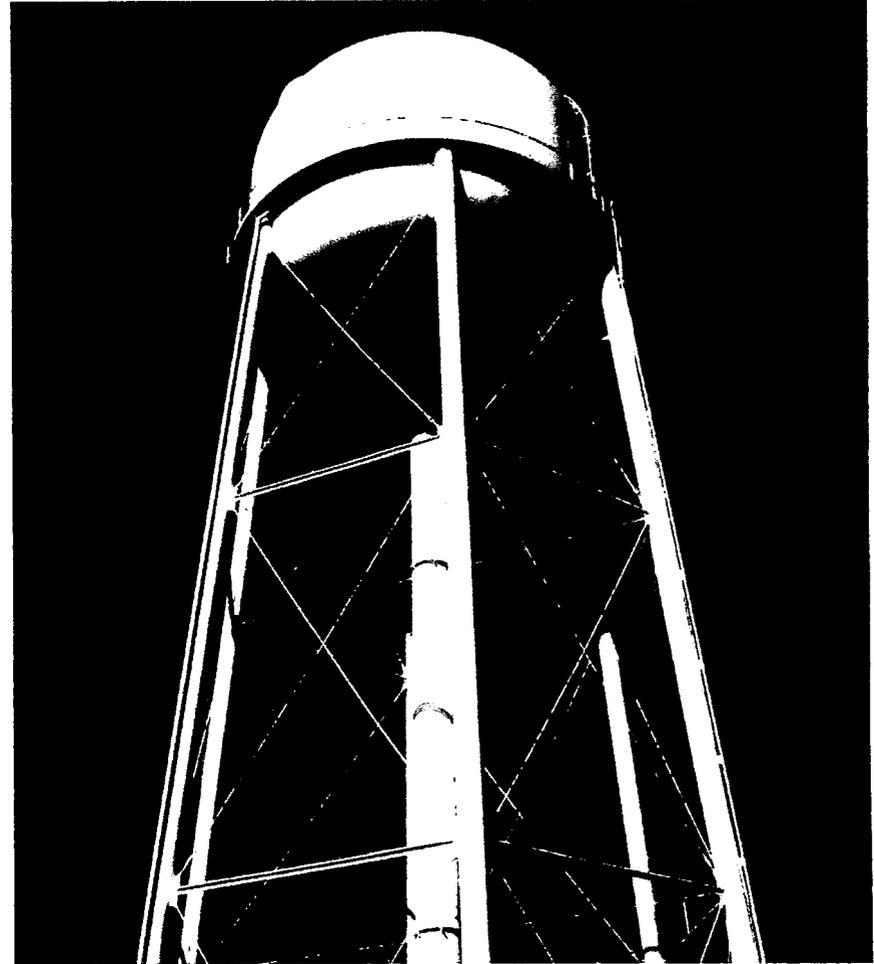
- The 500,000 gallon overhead storage tank in Windsor Forest was rehabbed
- Six of the City's 42 ground water wells were pulled and preventive maintenance performed to keep the system at an optimum level of performance
- Well #8 was retrofitted with a new pump and water lubricated shafting along with replacement of antiquated electrical systems and an overall site restoration
- The construction of a new 500,000 gallon overhead storage tank was begun on Whitmarsh Island

Ground Water – Continued

Windsor Forest 500,000 Gallon Storage Tank



Before



After

Ground Water – Continued

Well #14 Preventive Maintenance Scenes



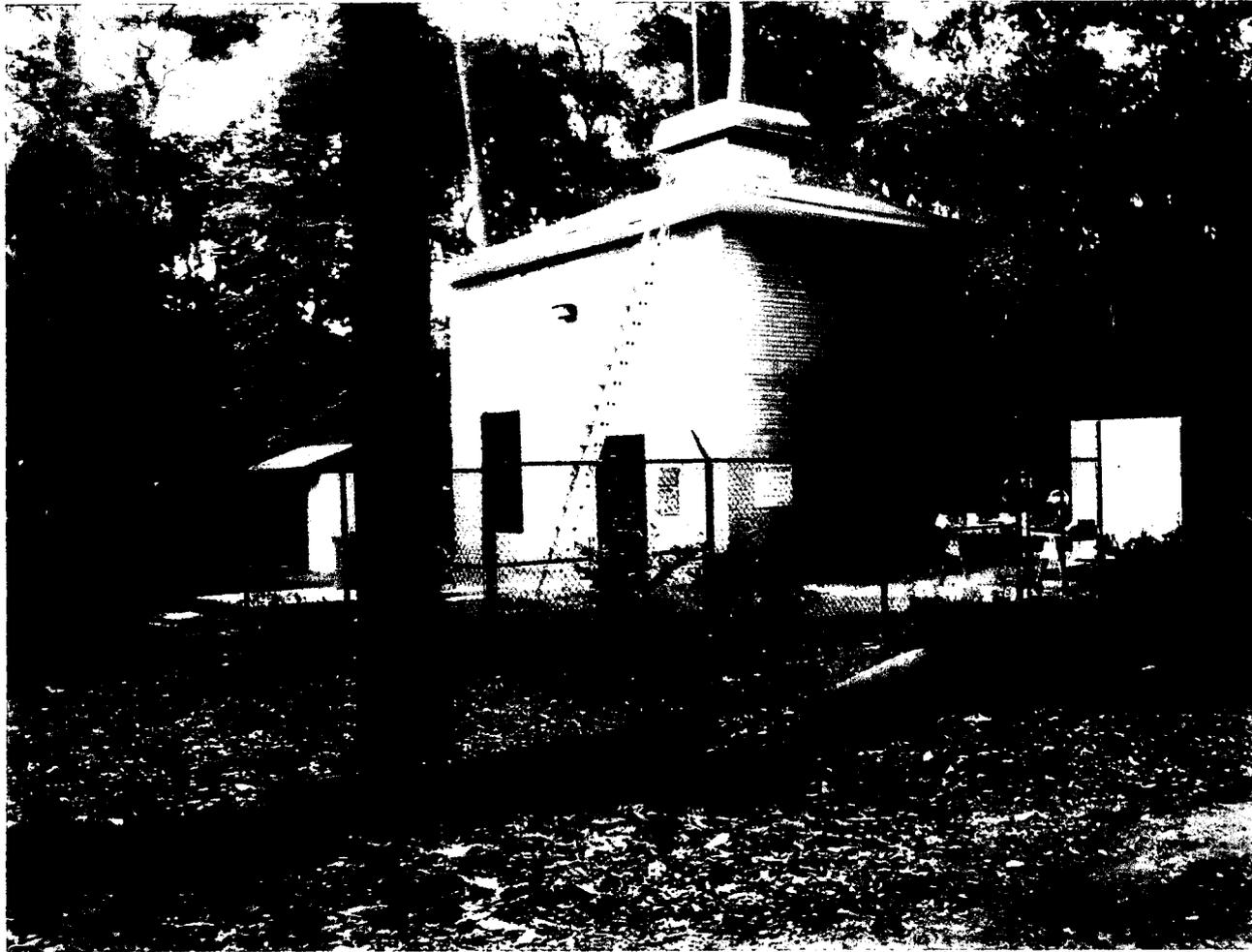
Inspection of the well bore hole by lowering of a remote video



Well shaft being removed for inspection and rehabilitation

Ground Water – Continued

Well No. #8



**Ground Water – Continued
New 500,000 Gallon Whitmarsh Island
Storage Tank**



Ground Water – Continued SCADA

- The city's Supervisory Control and Data Acquisition (SCADA) system allows most of the city's water, sewer, and stormwater infrastructure to be remotely monitored and/or controlled from a central location

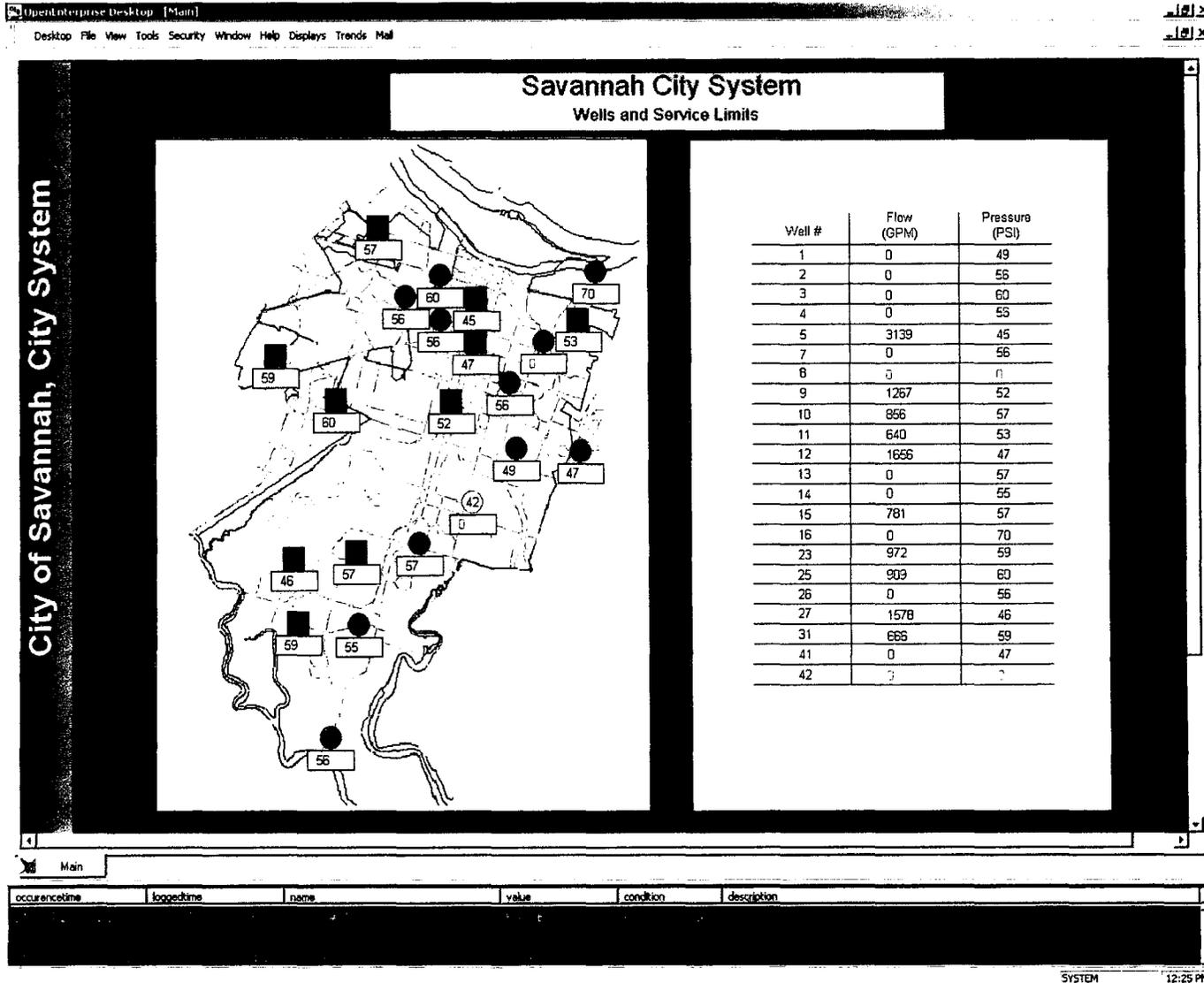
Ground Water – Continued

SCADA Highlights

- The radio communications repeater on Savannah's south side was upgraded from the original Motorola radio system, which is no longer in production or serviceable to a new Modular Data Systems radio system
- The SCADA hardware and software at the I&D plant was upgraded to become compatible with the hardware and software being used throughout the remainder of the city's SCADA system
- New facilities including the I&D sludge building, and numerous lift stations were added to the system
- Security patches were installed due to the "Blaster" virus which affected many computer systems world wide

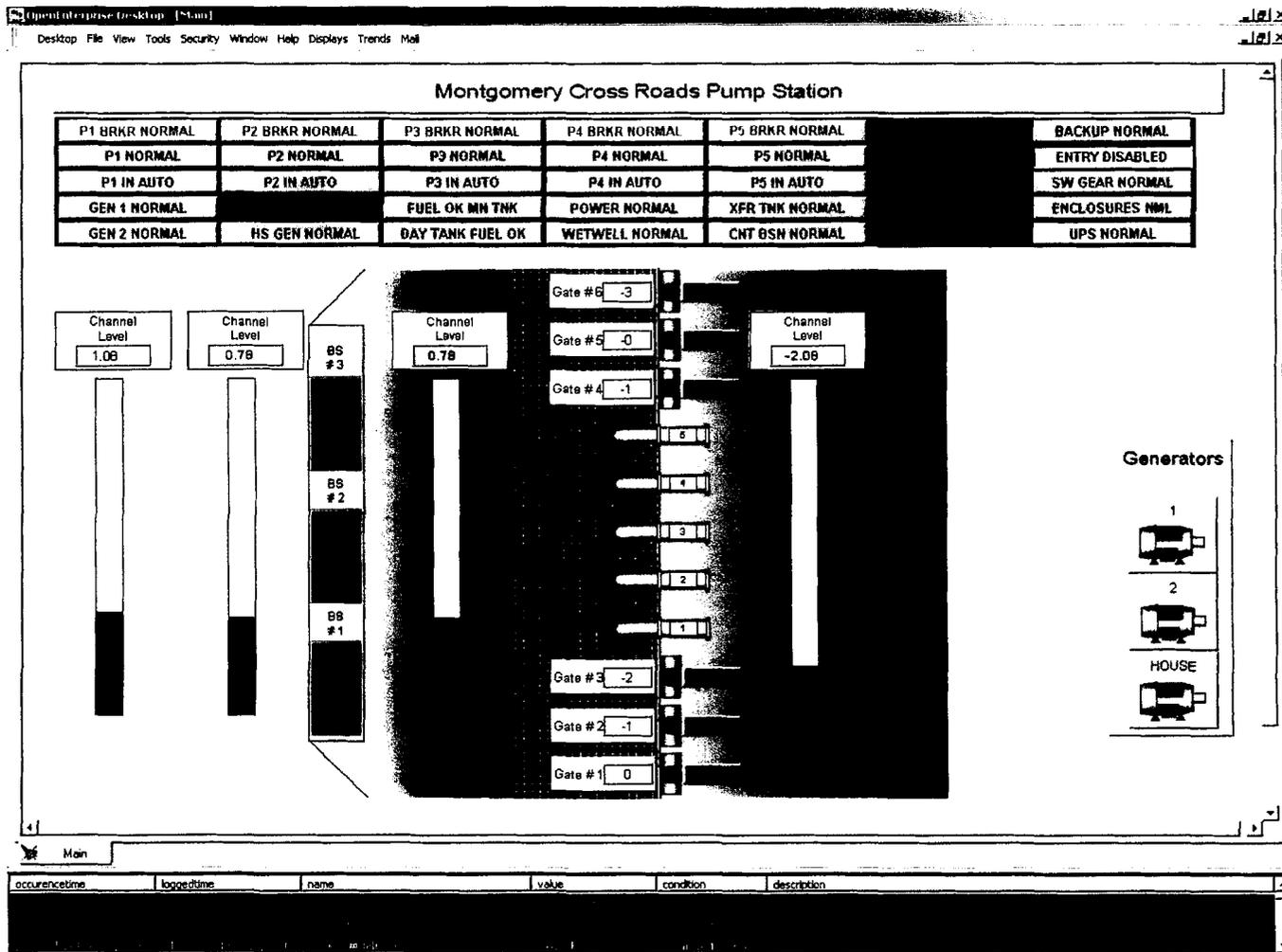
Ground Water – Continued

Savannah Main Water Well Overview



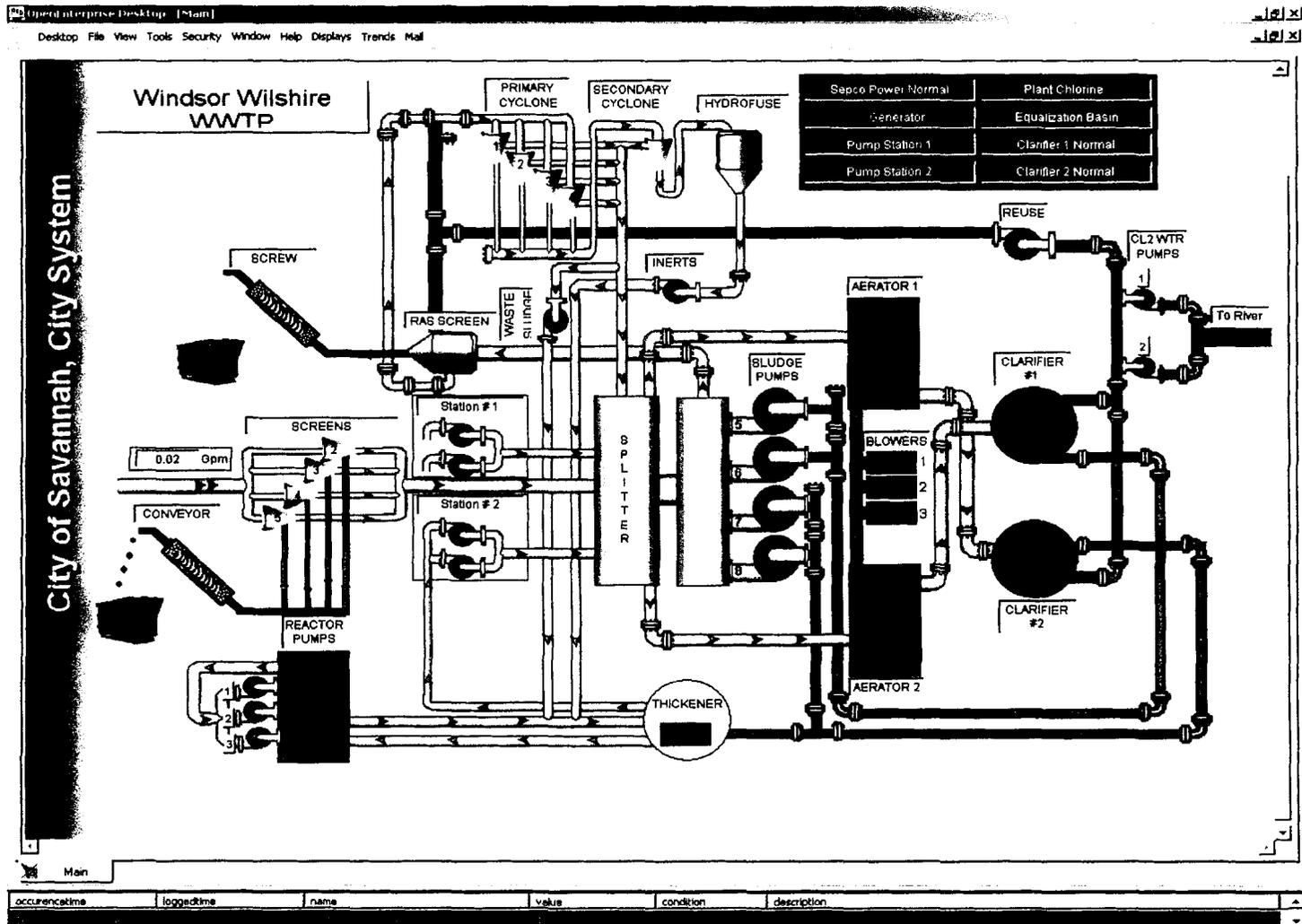
Ground Water – Continued

Montgomery Crossroads Stormwater Pumping Station



Ground Water – Continued

Windsor/Wilshire Water Quality Control Plant



Water Quality Control Department



Charles Birkenkamper, Water Quality Control Director
John Denion, Services Management Administrator
Ernest Matthews, Treatment Administrator

Water Quality Control

- The department continued its mission to treat wastewater in accordance with local, state and federal regulations prior to its release into the environment
- Following are some of the accomplishments achieved during 2003:

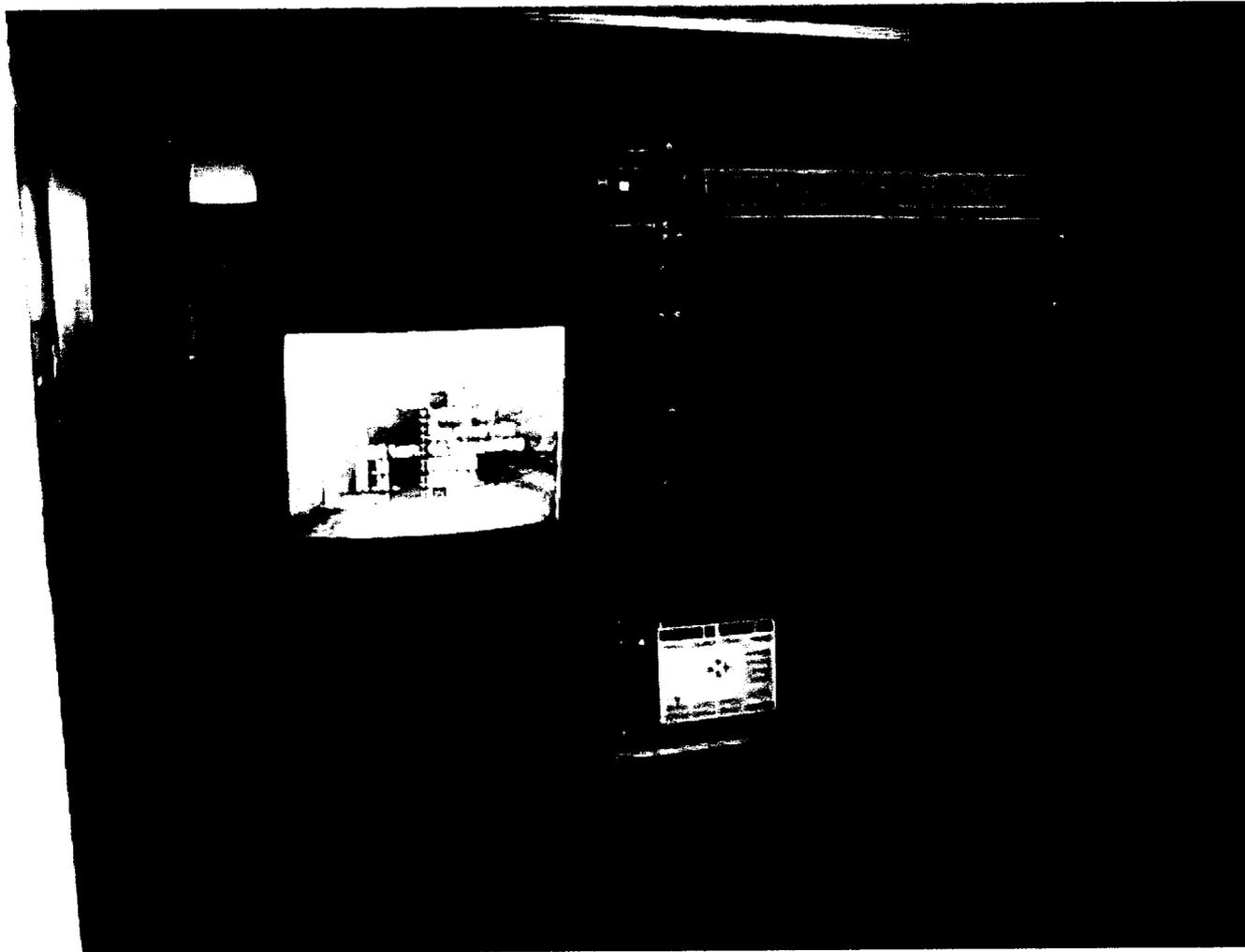
Water Quality Control – Continued

Televising Inspections Highlights

- **Televised 14.04 miles of existing construction and 12.75 miles of new construction**
- **Increased the footage of new construction projects by 7.63 miles**

Water Quality Control – Continued

Televising Inspections



Water Quality Control – Continued

Inflow and Infiltration Highlights

- Smoke/Dye Tested 348 locations for cross connections
- Identified 55 locations as cross connected and sent them forward for repair/redesign
- 13,750 gallons per day of sewage will be removed from the stormwater system

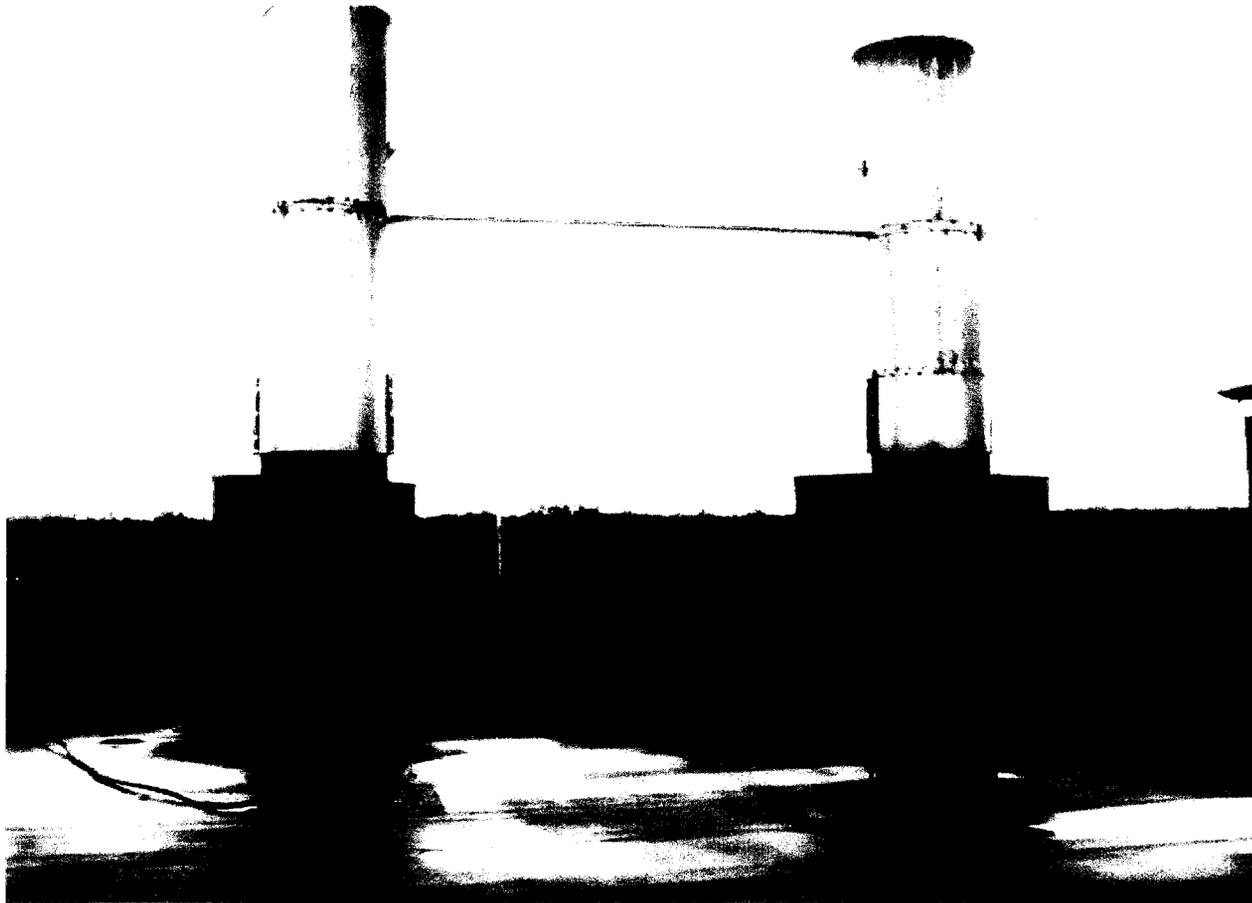
Water Quality Control – Continued

President Street Plant

- 92.218 million gallons of reclaimed water were pumped to the Savannah Harbor and Savannah Golf Clubs during 2003. The reclaimed water system has saved an equal amount of Floridan Aquifer water
- Incinerator #1 and #2 exhaust stacks were raised an additional ten feet providing for better operation and compliance with State of Georgia air regulations. See next slide for photo of project

Water Quality Control – Continued

Incinerator #1 and #2 Exhaust Stacks



Water Quality Control – Continued

Savannah Harbor Golf Club

Reclaimed Water System



Water Quality Control – Continued

Regional Plants

- Two influent drum screens were rebuilt and reinstalled at the Georgetown Plant which will improve solids handling and dewatering
- A new spiral screen was installed at Wilshire providing preliminary treatment of incoming wastewater flow. See next slide for photo of project.
- A third effluent pump was installed and discharge piping was changed from PVC to ductile completing an in-house project to upgrade the Wilshire effluent pump station

Water Quality Control – Continued

Installation of New Spiral Screen



Water Quality Control - Continued

President Street Central Laboratory

- New laboratory system software was installed to enable data documentation
- New President Street Laboratory was designed with construction to begin in 2004

Water Quality Control – Continued

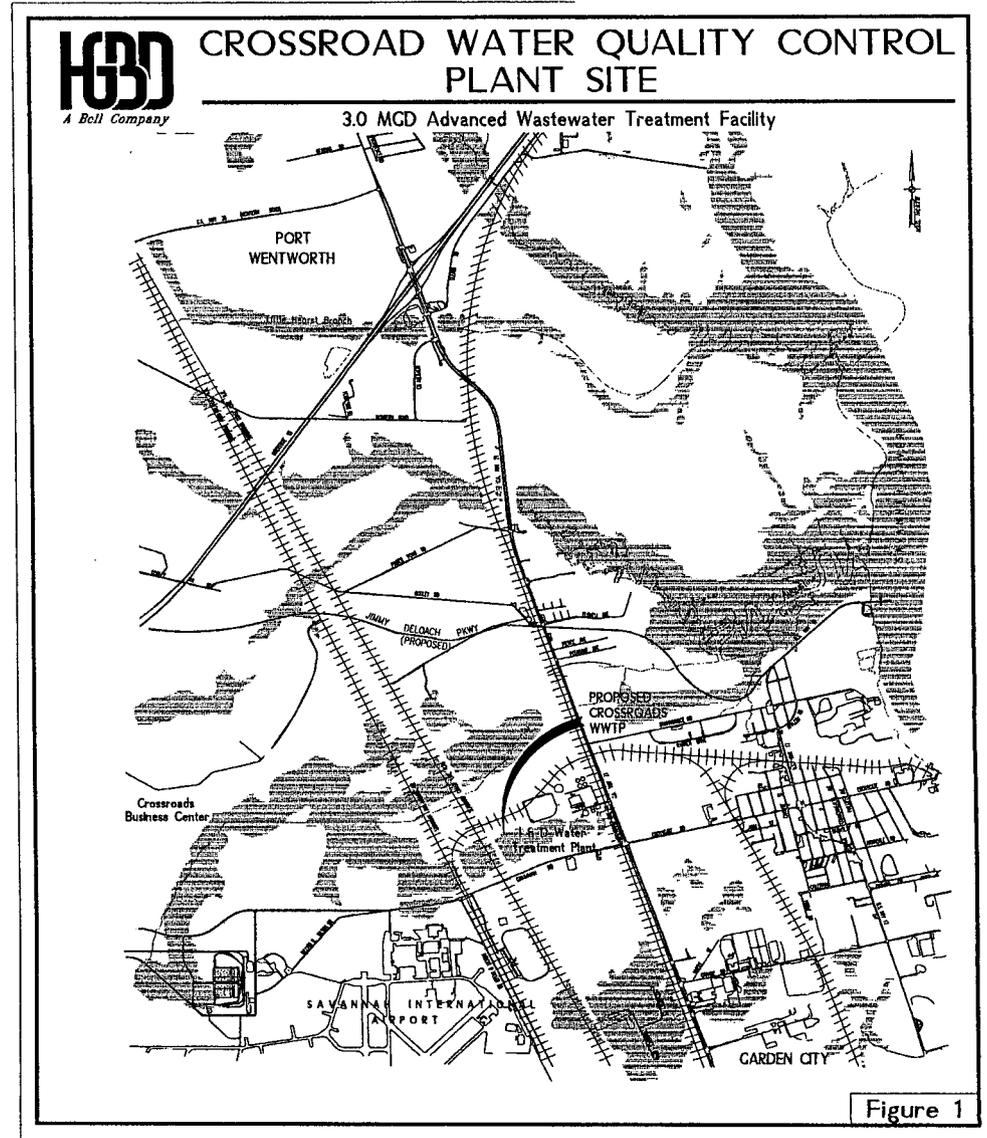
Pretreatment Technician retrieving on-site sample



24 industries are currently permitted by
the Industrial Pretreatment Program

Water Quality Control – Continued

- Site location for new Crossroads Wastewater Treatment Plant



Water Quality Control – Continued

Beginning of conversion of the old Windsor Forest
Treatment Plant into a City Park





Offender-Based Initiatives

Several programs are in place to target specific offenders. These include:

- Savannah Impact Program
- Career Offender Tracking Unit (COTU)
- Criminal Intelligence Unit
- Georgia Fugitive Task Force
- Offender Tracking Team
- Gang Unit
- Project Ceasefire
- Savannah Area Firearms Experiment (SAFE)
- Tiburon Records Management System
- CrimeStoppers
- GPS Electronic Monitoring

