

2005 Annual Report



Fire Administration
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STATEMENT OF PURPOSE

We are an innovative, nationally recognized fire department providing a quality service to the City of Madison and surrounding areas.

We are proud of the strength and diversity of our workforce and emphasize continuous service improvement, focusing on the preservation of life, property and the environment.

We recognize the value of our employees. Using participatory management, their input is solicited to improve department decisions.

We value compassion, honesty, integrity, teamwork and inner strength. These values are in balance with the traditional focus of physical strength and courage.

The Madison Fire Department is prepared to handle all emergencies, including major disasters, that may occur in our community.



A Message From Fire Chief Debra H Amesqua

Creativity. It's not the word usually associated with the fire service. And yet, it permeates the work of the City of Madison Fire Department.

Ask a member of the Technical Rescue team faced with the challenge of pulling a young man from a grain bin filled with shifting soybeans.

Ask a member of the Lake Rescue team designing a patient-friendly rescue boat.

Consider the management of scarce resources in meeting the public safety needs of a growing community – resulting in the first new fire station in 25 years and the completion of a state-of-the-art fleet of firefighting apparatus.

Consider the negotiation of local interests toward the development of regional cooperation – resulting in an Advanced Life Support (ALS) mutual aid agreement with Town of Madison, City of Middleton, Fitch-Rona EMS, and Sun Prairie EMS, and a Regional Heavy Rescue Team to join the Department's highly regarded special teams.

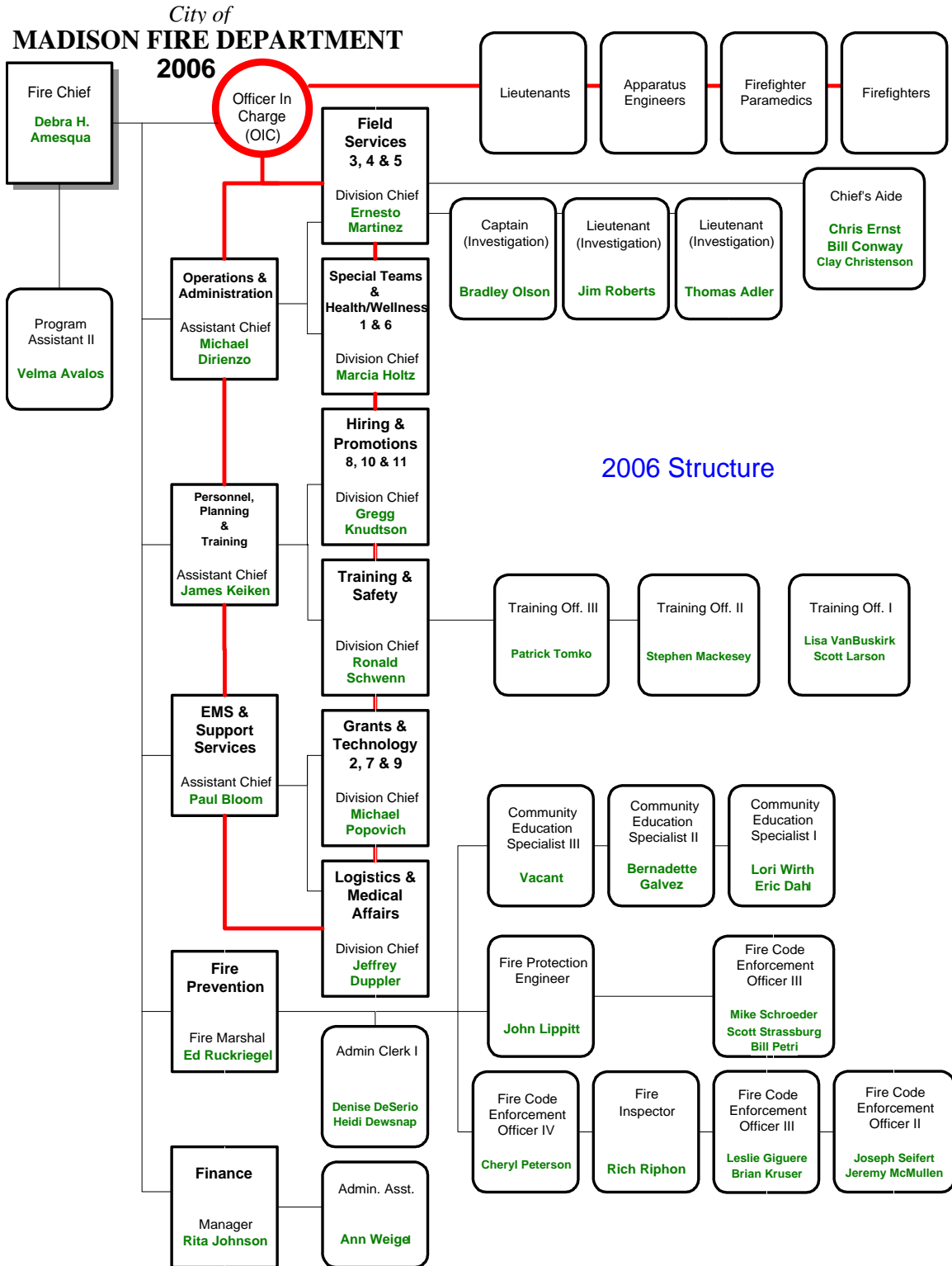
Consider the proactive revision of bureaucratic processes to assist customers in preparing for plan review and inspection – resulting in improved customer service while still adhering to the fire codes that help keep our community safe.

As Station #11 opened in August 2005, plans were already in place for #12 to open on the far west side in 2008. As 2006 unfolds, land is secured on the south/east side at Dutch Mill Rd and Femrite Rd. The Department continues an aggressive pursuit of grant funding to spur innovation while maintaining fiscal integrity.

These were among the creative challenges addressed and resolved in 2005. And with each solution, this Department continues its transformation into a culture of possibility that holds ever-greater promise for the future.



ORGANIZATIONAL CHART



FIRE DEPARTMENT STATIONS



Station 1
316 W Dayton St
Madison WI 53703



Station 2
421 Grand Canyon Dr
Madison WI 53719



Station 3
1217 Williamson St
Madison WI 53703



Station 4
1437 Monroe St
Madison WI 53711



Station 5
4418 Cottage Grove Rd
Madison WI 53716



Station 6
825 W Badger Rd
Madison WI 53713



Station 7
1810 McKenna Blvd
Madison WI 53711



Station 8
3945 Lien Rd
Madison WI 53704



Station 9
201 N Midvale Blvd
Madison WI 53705



Station 10
1517 Troy Dr
Madison WI 53704



Station 11
4011 Morgan Way
Madison WI 53718



OPERATIONS & ADMINISTRATION

The Operations & Administration Division is the largest division in the department and in 2005 was under the supervision of Assistant Chief Carl Saxe.

NEW FIRE STATION #11

The City of Madison became a little safer on August 2, 2005 with the opening of a new fire station. Fire Station No. 11 is located at 4011 Morgan Way on the far-east side of Madison. It fills an important gap in access to residents on the eastern edge of the City and the increasing traffic on the Interstate. With the opening of Station No. 11, the daily staffing level in the City of Madison increased from 66 to 68. This increase in staffing was accomplished by hiring seven new Firefighters and the effective use of the Creative Staffing Program. The program was instrumental in allowing Station No. 11 to be opened on August 2, 2005, even though the new recruits to staff the station were not available until February 12, 2006.

CREATIVE STAFFING PROGRAM

The Daily Staffing Equalization program saved the Department and the City a significant amount in overtime costs in FY 2005. The 434 voluntary send homes and work backs have a face value of \$342,860 in overtime costs. Once inconvenience pay (\$20,031), Holiday Pay Back Pay (\$53,755), Chiefs Aide OT (\$2,320) and FLSA pay (\$24,396) as well as unneeded work backs (123) are factored in, the net overtime savings is **\$145,188**. This amounts to a 42% efficiency rate as compared to a 32% efficiency rate in 2004.

Creative Staffing Savings January 1-December 31, 2005

	Number	Value Per Shift	Value	Efficiency Rate
Shifts Worked Back:	434	(@\$790/shift)	\$342,860	100.00%
Actual Overtimes Saved:	311	(@\$790/shift)	\$245,690	71.66%
Inconvenience Pay & Holiday Pay Back Pay:			(\$73,786)	
<u>Chief's Aid OT Pay & FLSA Pay:</u>			(\$26,716)	
Net Savings:			\$145,188	42.35%

SPECIAL EVENTS

There are a number of special events that the Madison Fire Department deals with every year. Through planning, experience and cooperation with other agencies we are able to effectively deal with all of these special events. The Mifflin Street block party, the Madison Marathon, Rhythm and Booms, and the Ironman Triathlon all took place with a minimum of problems in 2005.

Our most challenging special event remains the State Street Halloween party. For the fourth year in a row, the Saturday night State Street Halloween party deteriorated to unlawful conduct by party attendees, forcing law enforcement intervention with pepper gas. Fire and EMS responses were down about 37% over 2004 with a total of 87 incidents during the two-night event. Among the incidents was a working structure fire in the 400 block of West Mifflin Street on Saturday night. Although the fire occurred during the height of the Halloween event, downtown units quickly brought it under control.

Operations is already preparing for the major events of 2006 as well as any new endeavors that may come our way.



Type of Situation Found	Year 2004	Year 2005	Percent Change
Structure Fire	234	267	14.10%
Vehicle Fire	104	114	9.62%
Trees, Brush, Grass Fire	45	69	53.33%
Refuse Fire	96	110	14.58%
Outside of Structure Fire	46	55	19.57%
Overpressure Rupture, Other	5	7	40.00%
Steam Rupture	24	12	-50.00%
Air, Gas Rupture	29	21	-27.59%
Explosion, No Fire	3	1	-66.67%
Excessive Heat	15	17	13.33%
Emergency Medical Call	17,203	18,107	5.25%
Lock-In	178	134	-24.72%
Search	13	4	-69.23%
Extrication	49	55	12.24%
Water Rescue	NA	8	NA
Rescue or EMS Standby	180	95	-47.22%
Hazardous Condition - Other	28	41	46.43%
Spill, Leak with No Ignition	172	163	-5.23%
Chemical Emergency	5	10	100.00%
Power Line Down	74	50	-32.43%
Arcing, Shorted Electrical Equipment	78	85	8.97%
Aircraft Standby	9	8	-11.11%
Vehicle Accident -Cleanup	NA	6	NA
Attempted Burning	NA	1	NA
Service Call - Other	169	233	37.87%
Lock-Out	16	22	37.50%
Water Evacuation	39	34	-12.82%
Smoke, Odor Removal	129	171	32.56%
Animal Rescue	0	2	NA
Public Service Assistance	25	63	152.00%
Unauthorized Burning	40	51	27.50%
Move Up, Fill In	1	2	100.00%
Good Intent Call, Not Classified	324	347	7.10%
Cancelled En Route	NA	41	NA
Wrong Location	2	12	500.00%
Controlled Burning	60	41	-31.67%
Vicinity Alarms	15	8	-46.67%
Smoke Scare	439	260	-40.77%
EMS - Other Transport	NA	7	NA
Hazmat	NA	7	NA
False Call, Not Classified	164	412	151.22%
Malicious, Mischievous False Call	273	252	-7.69%
Bomb Scare, No Bomb	12	4	-66.67%
System Malfunction	742	609	-17.92%
Unintentional False Alarm	1,038	939	-9.54%
Severe Weather	NA	2	NA
Special Incident Type	79	164	107.59%
Citizen Complaint	NA	12	NA
Total	22157	23135	4.41%



PERSONNEL, PLANNING & TRAINING

The Personnel, Planning & Training Division is under the supervision of Assistant Chief James Keiken. The year 2005 was an active year in the Personnel Division. One of the main activities continues to be Fair Labor and Standards Act issues. With the assistance of the City Comptrollers office, we developed a system to provide FLSA payments each 28-day work period. We are also working closely with the City Attorney's office to solve outstanding legal issues in our past practices.

With the retirements of individuals hired in the 1970s, one of the ongoing concerns is the transition of Officer and Senior Department Members. In order to address this concern, the Personnel Division and the Training Manager revamped and updated the officer orientation to better meet new officer development needs as well as provide clear expectations.

A new program was implemented with the 2005 hiring process to allow prospective candidates the ability to work with area health and fitness clubs. This provided candidates additional opportunities to better prepare for the physical agility testing. Clubs involved in the program were Capital Fitness, Ford's Gym, Harbor Fitness Club, Madison Area YMCA, Princeton East & West and Sun Prairie Athletic Club. Sixteen individuals were hired in October of 2005 with an anticipated graduation date in February 2006.

Four new programs were implemented as part of the Recruit Academy Curriculum in 2005. The first program was "Ethics for the Fire Service" stressing the critical importance of ethical decision making for members of the department. The second program was proper "Attitude" which stresses the importance of proper attitude as new department members and also as life long members for a successful career. The third program was "Life Long Learning as a Firefighter" and the high demands of this career in learning. Assistant Chief James Keiken and International Association of Firefighters Local 311 President Lieutenant Joe Conway presented the final program "Discipline in the Madison Fire Department". We discussed the concept of a disciplined department, detailed the disciplinary process, and discussed the key points to have a successful and positive career with the Madison Fire Department. All new programs were well received and will provide clear expectations for members of the department throughout their career.

The department continued to focus on improving relations and communications with International Association of Firefighters Local 311. One such area was a change in the grievance process. A monthly meeting has been established to discuss and address concerns before they become a grievance. These meetings include Vice President Kevin Sherry, the City Labor Negotiator Mike Deiters and Assistant Chief James Keiken and have been tremendously helpful. The meetings have clearly addressed outstanding and current issues of concern for the department. We have resolved a number of old issues due to the improved communications between Labor and Management. This relationship is critical for cooperative solutions to department issues.

As we move into 2006 we look forward to new opportunities and challenges for the department. We remind all department members that this is **your department** and the direction for the future is yours to guide. Get involved and make a difference every day. Have a positive attitude and always strive to do the best job. You are responsible not only to do your job, but to also be involved and be part of the solution.



EMS & SUPPORT SERVICES

Support Services, under the supervision of Assistant Chief George L. Burke, is responsible for overseeing the Emergency Medical Services (EMS), station and vehicle purchases and maintenance, and equipment specifications in the stations and on the rigs. Support Services is also responsible for the Vehicle and Equipment Committee, and the Uniform/Clothing Committee.

The following are significant highlights of 2005 for the EMS & Support Services Division:



Two new Pierce Fire Engines were ordered for the City of Madison Fire Department and were delivered in January 2006. The new engines were assigned to Station No. 4 & Station No. 11.



A new heavy rescue squad was also delivered from Pierce Manufacturing in 2005. This was possible through a grant awarded by the Office of Justice Assistance.

The City of Madison Fire Department Lake Rescue Team received a new Lake Rescue Boat. It was named "The Chamberlin" in honor of Firefighter (Ret.) Ralph E. Chamberlin. Chamberlin played a critical role in leadership and development of the lake rescue team from its inception in 1983.

The City of Madison Fire Department also added three new remounted rescues to its fleet of 10. New improvements to Madison Fire Department's self-contained breathing apparatus were a Heads Up Display purchased with grant money. Following the advice of the Madison Fire Department's safety committee, gauntlet style gloves were added to the department's turnout gear. Gauntlet style gloves are easier to don and doff, particularly when wet, as compared to gloves with knit wristlets.

The addition of a new Bauer breathing air compressor was purchased to replace the old compressor at Station No. 1. This new system will fill both high or low pressure SCBA or SCUBA cylinders.

New Fire Station No. 11 opened on August 2, 2005. A First Response and Dedication Ceremony celebrating the opening of Station #11 took place at 3:30 pm on August 2. Among the speakers were Mayor Dave Cieslewicz and Fire Chief Debra Amesqua, who presided over a "hose uncoupling" in lieu of a ribbon-cutting ceremony. Speakers also included eastside alder Santiago Rosas and Local 311 president, Lt. Joe Conway. The new building is the first newly constructed station since No. 7 was relocated in 1998, and represents an expansion in territory both by increasing the total number of stations and by its positioning in a growing area of the city that has not been adequately covered.



Other building improvements were accomplished in 2005 including miscellaneous painting, flooring, and similar improvements.



FIELD SERVICES

The development of a Statewide Collapse Team Program has been an ongoing project since the U. S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) designated the City of Madison Fire Department as one of four Heavy Rescue Task Forces in the state of Wisconsin in 2004.

In 2005 we received approximately \$100,000 worth of collapse rescue tools and equipment. The equipment included everything from concrete cutting hydraulic chain saws, to search cameras, to lumber for the Heavy Rescue Task Force. Division Chief Ernesto Martinez worked with leaders from other Wisconsin teams to identify a standard tool list for team compatibility. The Madison Fire Department was also able to send six team members to Volk Field for instructor training on High Angle Rope Rescue, Confined Space, and Trench Collapse Rescue.

A change in state training vendors has slowed down delivery of training to the teams. We anticipate resolving those issues in 2006.

Late last year, the Madison Fire Department received its \$500,000 Heavy Rescue Squad. We anticipate putting it into service as soon as the radio and equipment brackets are installed. The Apparatus Committee (Tom Reiter, Rob Ready, Jon Byrd, Scott Larson, Lance Langer and Tim Olson) worked hard and contributed great ideas to the designing of the Heavy Rescue Squad. This apparatus will assist the team in fulfilling its mission.



In 2005 we were also awarded an additional \$280,000 for more equipment. Division Chief Ernesto Martinez and committees involved will be determining what equipment is still needed and will be ordering in 2006.

The Madison Fire Department Rapid Intervention Team (RIT) continues to improve and fine-tune our program. Last year RIT training was delivered to all department personnel. Their training consisted of situational awareness and self-rescue techniques. An improved tracking board was developed to assist RIT with tracking crews.

With the 2004 FEMA Grant (awarded in March 2005), we were able to install RIT connections on all our SCBAs. We were also able to upgrade all SCBAs with Heads Up Display making them all NFPA compliant.



SPECIAL TEAMS & HEALTH/WELLNESS

Lake Rescue Team

The most exciting news for the Lake Rescue Team was the purchase and deployment of the new Storm Hawk Rescue Boat. A task group led by Lieutenant Steve Davis, Firefighter Jon Mast and Firefighter Mike Fuss devoted much time and effort into designing the new boat. This group worked with the boat crafters at Storm Hawk to create features to enhance the efficiency of water rescue operations.

The boat arrived at Station No. 1 in May 2005 and the crews on all three shifts began extensive operational training. The boat went on its first rescue mission within a week of its arrival. The official dedication ceremony was held on September 17, 2005 at Olin-Turville Park. The boat was christened "The Chamberlin" in honor of the creator of the MFD Lake Rescue Team. Mr. Chamberlin was in attendance and acknowledged the dedication.



The Storm Hawk Boats owner reports that he has had requests from other water rescue teams across the country interested in the rescue features of the boat and its unique color.

Responses

The Lake Rescue Team had a wide variety of calls in 2005 ranging from assisting stranded boaters to shore to assisting law enforcement agencies with potential crime scenes. One of the more dramatic responses for the Lake Rescue Team was a nighttime boat fire just off the UW Memorial Union Terrace. Firefighting crews on land coordinated hose line operations with the Lake Rescue Team on the Storm Hawk Boat to attack the fire, being ever mindful of the danger posed by the fuel tanks of the fully engulfed boat.

Outreach

In addition to response work, the Lake Rescue Team was involved in educational activities to enhance public awareness of water safety. This included outreach sessions with school groups, the Boy Scouts, Brownie troops, Greater Lakes Diving Association, Safety Saturday, and the Dane County Sheriff's Water Rescue Team.



Hazardous Incident Team

The following statistics summarize the year 2005 for the Hazardous Incident Team and were compiled by Lieutenant Dave Peterson.

Responses

Total number of incidents: 62

Number of calls to fixed sites: 47

Number of calls involving transportation: 10

Number of calls at undetermined site: 5

Number of calls in the City: 46

Number of calls out of the City: 15

Number of calls undetermined location: 1

Communication Method

Radio contact: 39 incidents (62.9%)

Phone: 19 incidents (30.6%)

Travel: 3 incidents (4.8%)

Unknown: 1 (1.6%)



Types of Responses in 2005

Level I 40 (29 at fixed sites, 7 were transportation related, 4 were unknown)

-A Shift had 13, B Shift had 19, C Shift had 8

Level II 19 (15 at fixed sites, 3 in transportation, 1 unknown)

-A Shift had 6, B Shift had 3, C Shift had 10

Level III 3 (all at fixed sites)

-A Shift had 2, B Shift had 0, C Shift had 1

2005 Outreach:

22 events for a total of 52 hours. (Total includes 4 events with unknown time frames)

2005 Training:

Total time logged for HIT and Hazmat training in 2005 was 335.5 hours.

HIT Team training accounted for 167.5 hours. This included lectures, hands-on activities, and scenarios. HazMat training accounted for 165 hours. This included training on monitoring instruments, WMD's, planning, and facility tours/surveys.



Health & Wellness

In 2005, the MFD Health and Wellness Committee consisted of Paramedic Wendy Krugman (Chair), Paramedic Linnea Anderson, Division Chief Marcia Holtz, Division Chief Ernie Martinez, Paramedic Steve Melde, Lieutenant Rich Polenska, Training Officer Art Price, Training Officer Patrick Tomko, and Training Officer Lisa Van Buskirk.

Using the Fire Service Joint Labor Management Wellness-Fitness Initiative (WFI) as a guide for discussion, the committee continued working on issues pertaining to the health and well being of all members of the Madison Fire Department.

The committee conducted research on two projects in 2005. Both projects are based on components of the WFI. One project was the possibility of developing firefighters as peer fitness trainers in the stations. The other project was the possibility of incorporating the services of a Fire Chaplain into the department. Both are ongoing.

Medicals

Committee members worked again with Dean Health Systems to provide annual medicals, pre-employment medicals, return-to-work medicals, post-incident treatment and vaccinations for members of the MFD. Approximately 150 personnel took advantage of the offer for flu shots in 2005.

Fitness

Committee members developed specifications for the fitness equipment at the new Fire Station No. 11. The workout room at this station has the full complement of workout equipment found in other stations but also has three types of electronic aerobic equipment: a treadmill, an elliptical trainer and a step mill machine.

Members of the H&W committee developed a fitness program for the sixteen recruits in Recruit Academy Group 25. The program enabled the recruits to begin each day refreshed and alert. The committee continues to study data from these programs to determine the long-term effect on firefighter health and performance.

Behavioral Health

One of the new developments for firefighter health was the signing on of the new therapy dog, Ajax, by Local 311 for its constituents. Local 311's leadership worked with Crystal Saxe, Ajax's handler, to create a contract for services in which the dog could be brought in to interact with firefighters experiencing stressful situations. To our knowledge this is the first such use of a therapy dog in the country. One of Ajax's first assignments was to pay a friendly visit to the new class of MFD recruits at the Fire Academy.



HIRING & PROMOTIONS

In 2005 the City of Madison Fire Department conducted an Assistant Chief Promotional Process, a Division Chief Promotional Process, a Lieutenant Promotional Process and a Firefighter Applicant Process which resulted in the following:

New Hires:

- o Anthony Anthon (Firefighter Recruit) 10/10/05
- o Brian Blaskowski (Firefighter Recruit) 10/10/05
- o David Crossen (Firefighter Recruit) 10/10/05
- o J Christopher Hammes (Firefighter Recruit) 10/10/05
- o Christopher Hubert (Firefighter Recruit) 10/10/05
- o Terry McDaniel (Firefighter Recruit) 10/10/05
- o Kevin McDonald (Firefighter Recruit) 10/10/05
- o Paul Poker (Firefighter Recruit) 10/10/05
- o Matthew Powers (Firefighter Recruit) 10/10/05
- o Brendan Reilly (Firefighter Recruit) 10/10/05
- o Frances Tatar (Firefighter Recruit) 10/10/05
- o James Tokarski (Firefighter Recruit) 10/10/05
- o Jeffery Vogen (Firefighter Recruit) 10/10/05
- o Trevor Wiggins (Firefighter Recruit) 10/10/05
- o Eric Winker (Firefighter Recruit) 10/10/05
- o Shawn Behnke (Firefighter Recruit) 10/10/05

Promotions:

- o Apparatus Engineer Thomas Frederick to Lieutenant 1/12/05
- o Apparatus Engineer Jodi Kurilla to Lieutenant 1/12/05
- o Apparatus Engineer Rick Miyagawa to Lieutenant 1/12/05
- o Apparatus Engineer Gordon Berggren to Lieutenant 2/4/05
- o Apparatus Engineer David Krall to Lieutenant 2/4/05
- o Apparatus Engineer Thomas Carow to Lieutenant 6/5/05
- o Firefighter Michael Anderson to Lieutenant 6/19/05
- o Firefighter Mahlon Mitchell to Apparatus Engineer 1/12/05
- o Firefighter Margaret O'Malley to Apparatus Engineer 1/12/05
- o Firefighter Karen Hoffman to Apparatus Engineer 6/19/05

Reassignments:

- o Firefighter Peter H Trilling to Firefighter/Paramedic 3/27/05
- o Firefighter Fiona A Scott to Firefighter/Paramedic 3/27/05
- o Firefighter Jennifer L Gullickson to Firefighter/Paramedic 3/27/05
- o Firefighter Tim R Hagen to Firefighter/Paramedic 3/27/05
- o Firefighter Lisa M Becher to Firefighter/Paramedic – 3/27/05

Retirements:

- o Lieutenant Wesley R Meacham 1/3/05
- o Apparatus Engineer Timothy R Healy 1/3/05
- o Firefighter Dannie Davidson 1/11/05
- o Lieutenant Gilbert M Halverson 1/12/05
- o Firefighter Robert G Luther 1/21/05
- o Lieutenant Jan E Jefferson 2/4/05
- o Lieutenant Jeffrey S Miller 2/4/05
- o Lieutenant Michael G Teff 5/29/05
- o Lieutenant Richard R Graebel 6/4/05

Resignations:

- o Laurie Lovedale (Community Education Specialist III) 1/7/05

The following details the number of employees for each classified position as of 12/31/05:

Commissioned employees		Civilian Employees	
<u>Title</u>	<u>Actual Occupied Positions</u>	<u>Title</u>	<u>Actual Occupied Positions</u>
Fire Chief	1	Administrative Services Manager	1
Assistant Chief	3	Administrative Assistant	1
Division Chief	6	Program Assistant II	1
Captain	1	Administrative Clerk 1	2
Training Officer I	1	Code Enforcement Officer 1	0
Training Officer II	2	Code Enforcement Officer 2	2
Training Officer III	2	Code Enforcement Officer 3	5
Fire Inspector	1	Code Enforcement Officer 4	1
Lieutenant	52	Community Education Specialist 1	2
Apparatus Engineer	51	Community Education Specialist 2	1
Firefighter/Paramedic	45	Community Education Specialist 3	0
Firefighter/Paramedic II	18	Fire Protection Engineer	1
Firefighter	123	Fire Marshall	1
Total Commissioned:	306	Total Non-Commissioned	18



TRAINING & SAFETY

The Madison Fire Department Training Division underwent more staff changes in 2005. Lieutenant Mike Popovich was promoted to Division Chief and left the Training Division to join the Command Staff. Firefighter Lisa Van Buskirk was assigned to the Training Division. The Training Division continues to provide training for Training Officers, EMT Instructors, Fire Service Instructors, computer and technology coursework, Instructors Conferences, etc.

The Training Division had the pleasure of being responsible for another recruit class in 2005, Group 25. In continuance of the effort initiated last year, the division further strengthened the Fire Department's relationship with Madison Area Technical College (MATC). Members of Recruit Group 25 were enrolled as MATC students during their recruit academy. This allowed them to attain State of Wisconsin certification for parts of their recruit academy course work; Firefighter I, Firefighter II, Entry Level Driver Operator, Hazardous Material Operations, and EMT.



The Training division has also continued its partnership with the Dane County Airport Fire Department. We continue to be responsible for the oversight of their EMT instruction and work jointly with one of their instructors to provide EMT initial and continuing education to both Airport Fire Dept personnel and Madison Fire Department personnel. This has allowed us to share Airport Fire Department facilities and helped build a stronger relationship between the two agencies.

The Training Division continues to provide some CPR/AED training to Monona Terrace, City of Madison Parks Department and Engineering Department personnel. We also continue to provide oversight for the City of Madison Fire Department and City of Madison Police Department CPR/AED instructors. The division provides Paramedic II training and oversight to ensure that effective, quality training has been provided by the Paramedic II's to the other MFD field personnel.

The Training Division was involved in numerous projects and had many accomplishments in 2005. We delivered over 4000 hours of instruction and program development in the following areas:

- 1) As a result of the "standards review" that the Training Division completed in 2004, we implemented some changes in 2005. The first change was the addition of a "multi-company training evolution". One of our department-wide company training sessions was devoted to a multi-unit response to a Mass Casualty Incident. We also spent time preparing for and participating in the Dane County Mass Casualty Exercise.
- 2) We expanded the list of required drills that were developed for the Company Officers to deliver to their crews. There are now nine of those required drills. In an effort to track achievement of those drills, the Training Division has been working hard to modify the drill reporting system. We are almost finished with changes that will make it easier for Division Chiefs and Lieutenants to monitor the drills delivered to all personnel.



- 3) The Training Division introduced a new method of teaching Incident Command material to the Command Staff. We are now developing a plan to put a computer lab in place to make it possible to deliver more of this type of training in the future.
- 4) The Training Division continued its focus on Fire Behavior training this year by continuing to offer "Live Fire" evolutions at acquired structures and by delivering more "size-up" and tactics training to company officers and other field personnel. The division also implemented recommended changes to the Live Fire Evolution process to insure appropriate community involvement. The 2005 Fire Grant allowed the Department to purchase some fire behavior simulators (Flashover, Backdraft, & Fire Attack). Those simulators have been delivered and the Training Division will soon be using them for department wide training.
- 5) The Training Division also developed and delivered "Fireground Safety & Awareness" training to the City of Madison Police Department; both to their recruit class and to their department in-service training sessions.
- 6) Other Programs and Coursework -
 - EMT Continuing Education
 - Cityscape Computer Reporting System training for Officers and Paramedics
 - Physical Agility Testing program setup and oversight for Firefighter Candidates
 - Paramedic Phase III Course
 - New Lieutenant Orientation Course
 - EVOG for New Paramedics & New Recruits
 - Firefighter Survival Training – Mayday procedure and movement of downed Firefighters
 - Company wide RIT training – Safety Engine responsibilities
 - Purchasing Procedure Training for Lieutenants and Division Managers
 - AODA for the entire department
 - Prohibited Employment Discrimination and/or Retaliation (APM 3-5) for supervisory staff



GRANTS & TECHNOLOGY

2005 Accomplishments

2003 FEMA GRANT (\$291,763 awarded)

The 2003 FEMA Grant was originally awarded to provide vehicle exhaust capture systems for 8 of our 10 fire stations. Fortunately, we received lower bids and were able to amend the grant to include all of our fire stations. The installation of this system was completed in 2004 and was operational in early 2005. The grant also included an intercom system for our fire apparatus. The intercom system was installed this year and will enable better communication for crews when responding to calls as well as the needed hearing protection. One Thermal imaging camera was also purchased with these funds.

2004 Heavy Rescue Grant OJA (\$599,984 awarded)

The Madison Fire Department was awarded \$599,984 from the OJA to fund a Heavy Rescue Team for regional responses. In December 2005, we received our Pierce Heavy Rescue Squad for this team. The balance of these funds was used to purchase equipment. The program is still a work in progress but the goal is for Regional Rescue Teams to provide the needed response to CBRNE events across the state. Some of the specialty training required for teams will be provided by the State of Wisconsin at Volk Field. This facility is being upgraded to accommodate these services.

2005 Heavy Rescue Grant OJA (\$280,000 awarded)

We also applied for funds to enhance the Heavy Rescue Team and received \$280,000 to be used for equipment purchases. This equipment will be ordered and received in 2006. Included are a large equipment trailer, personal protective equipment, CBRNE search and rescue equipment, and logistical support items.

2004 FEMA Grant (\$204,550 awarded)

The Madison Fire Department was also awarded the 2004 FEMA grant in March of 2005 in the amount of \$204,550. This amount includes City matching funds of \$61,365. In December 2005 we received three simulators/training aids. The three separate units are for training on the following topics; recognition of pre-flashover, SCBA & Safety Equipment, fire behavior, formation of fire gases, fire control, heat stress, back draft and other fire related scenarios. These units will be utilized at the joint training facility at MATC. Also purchased and received were two Thermal Imaging Cameras as well as Heads Up Display options installed on all MFD Scott air packs for added Firefighter safety.

2005 FEMA GRANT (\$295,750 awarded)

In 2005, the Madison Fire Department applied for the Assistance to Firefighters Safety Grant. We were notified on 12-7-2005 that we were awarded \$295,750. This amount includes City matching funds of \$59,150. This grant also included fire detection and alarm systems for fire stations #1, #3, #5, #9 and #10 which will be installed in 2006. A driver-training simulator for the training center will also be purchased with these funds as well as an air compressor for filling air bottles to enhance our air supply availability.

2005 SAFER GRANT

The Madison Fire Department also applied for the SAFER grant under the Assistance to Firefighters Grant Program. We requested funding for nine new positions to increase our daily staffing by two Firefighters. We were unsuccessful in this application process, but intend on applying in 2006 if the program is still offered.

EMS and Fire Reporting System

The new EMS and Fire Reporting System was implemented in August 2005. We continue to work with Information Services and the vendor to make upgrades and adjustments to these programs.



LOGISTICS & MEDICAL AFFAIRS

Logistics & Medical Affairs is under the supervision of Division Chief Paul Bloom for the City of Madison Fire Department. All Paramedics operate under the direction of the local Medical Director, Dr. Marvin Birnbaum.

The Logistics & Medical Affairs Division continues to make important strides each year in order to benefit our constituents.

With the addition of the Seventh ambulance, the Department chose to realign the remaining rescue units in an effort to give better response times to our customers. Although this did work for a short period of time, we continue to be outpaced by the increased needs of our rapidly growing city. We are now planning for our Eighth ambulance.

In the month of August, the Fire Department switched to our new CityScape incident reporting system. An initial upgrade has already taken place on the system and improvements are being made on a regular basis. We look forward to the Phase II upgrade, which is to take place in 2006. This will give us the ability to query specific types of Fire and/or EMS emergency responses. This vital information will give us the needed data used in the consideration for future placement of our rescue units.

Three of our current Firefighters started Paramedic training in the month of August. Their training and certifications should be completed by March 2006 and they will be assigned to ride rescue units at that time. We continue to expand and grow as a City, thus our EMS needs also continue to expand. We look ahead to the future to prepare for our potential needs and we anticipate having a Paramedic class in the fall of 2006.

All of our Firefighter/Paramedics received a combined Advanced Cardiac Life Support (ACLS) and Experienced provider course in 2005. This type of training provides higher levels of health and safety for our personnel and the citizens we serve.

The Madison Fire Department posted a Request for Proposal (RFP) for a Medical Director – EMS/EMTS/ALS. All proposals were due on January 31, 2006. We are anticipating this process to be completed at the end of 2006.

In December 2005, the Madison Fire Department received "State of the Art" Zoll Series E monitors. This monitor will give our Paramedics the newest technology available for use in the field.

We also received five AutoPulse Resuscitation Devices. This device is used in the event of a pulseless nonbreathing patient. It is designed to perform cardiac compressions independent of outside intervention and will be used in conjunction with our current protocols. The Year 2005 was a busy year for the Madison Fire Department. We look forward to 2006 and the ability to better serve the citizens of Madison.



FIRE/ARSON INVESTIGATION UNIT

The City of Madison Fire Department Fire/Arson Investigation Unit has three (3) full-time Fire/Arson Investigators who rotate on-call responsibilities providing 24/7 response coverage to investigate the origin, cause and circumstances surrounding fires & explosions which occur in the City of Madison. The fire investigators also conduct investigations into identifying the person or persons responsible for maliciously activating fire alarms.

A total of 118 fire investigations were conducted by the Fire/Arson Investigation Unit in 2005 with a total of 13 people arrested and charged with a fire related crime.

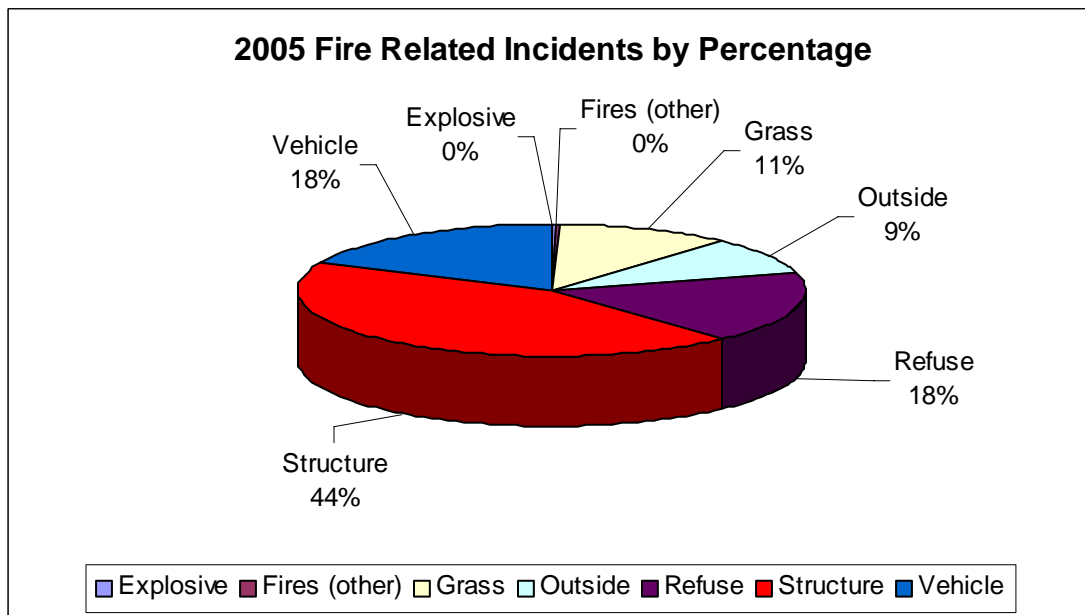


The Madison Fire Department Fire/Arson Investigation Unit maintains a strong working relationship with the Madison Police Department, the Dane County District Attorney's Office, the Dane County Coroner's Office, the Wisconsin Department of Justice, the Wisconsin Division of Criminal Investigation, the State Fire Marshal's Office and the U.S. Bureau of Alcohol, Tobacco, Firearms and Explosives as evidenced by the cooperative effort during the fire investigation into St. Raphael's Cathedral Church fire.

MFD Investigators pursue training opportunities provided by the Madison Police Department, the WI Chapter of the International Association of Arson Investigators and the Dane County Arson Response Initiative (DCARI) to increase knowledge in fire investigation and to improve skills and techniques as Fire/Arson Investigators.

In 2005, the City of Madison had an estimated fire loss of \$8.4 million compared with an estimated fire loss in 2004 of \$3.9 million. This increase in fire loss in 2005 is largely due to the fire at St. Raphael's Cathedral on Monday, March 14, 2005. The preliminary damage estimate has been tabulated at \$5 million dollars with the possibility of increasing to as much as \$10 million.

In 2005, a total of 267 structure fires were extinguished compared to 234 in 2004 (14% increase), and a total of 114 vehicle fires extinguished compared to 104 in 2004 (9.6% increase). A total of 69 grass fires and 110 refuse/dumpsters fires were also reported.



Type of Fire Incident	Number of Responses	Estimated Dollar Loss
Explosive	1	\$500.00
Fires (other)	2	\$50,000.00
Grass	69	\$500.00
Outside	55	\$55,415.00
Refuse	110	\$4,463.00
Structure	267	\$8,139,220.00
Vehicle	114	\$171,950.00
TOTAL ESTIMATED DOLLAR LOSS		\$8,422,048.00



The following is a list of the most significant fires in 2005:

Date	Address	Structure	Cause	Dollar Loss
1-22-05	6301 Hammersley Rd	Duplex	Accidental	\$75,000
1-28-05	1313 Tompkins Dr.	Town House	Accidental	\$100,000
2-11-05	5301 Voges Rd	Warehouse	Accidental	\$60,000
2-16-05	1621 Beld	Manufacturing – Strandex Corp	Undetermined	\$100,000
2-20-05	614 W. Doty St.	Apartment	Accidental	\$75,000
2-21-05	250 State St.	Underground Vault Fire	Accidental	\$50,000
3-10-05	1901 Browning Rd.	Single Family Residential	Undetermined	\$40,000
3-10-05	4403 Doncaster Dr.	Apartment	Accidental	\$150,000
3-12-05	2844 Commercial Ave.	House	Undetermined	\$75,000
3-14-05	222 W. Main St	St. Raphael's Cathedral Church	Arson with arrest	\$5,000,000
3-29-05	1317 Mendota St.	Single Family Residence	Undetermined	\$60,000
4-12-05	5021 Old Middleton Rd.	Apartment	Undetermined	\$50,000
4-16-05	1257 E. Johnson St.	Furniture Store	Accidental	\$100,000
4-17-05	1801 Beld St.	Duplex	Accidental	\$175,000
4-28-05	7229 E. Valley Ridge	House	Accidental	\$80,000
5-06-05	515 W. Mifflin St.	Apartment	Accidental	\$75,000
5-17-05	1518 Troy Dr.	Apartment	Undetermined	\$50,000
5-28-05	1101 E. Washington Ave	Madison Metro Bus Garage	Accidental	\$400,000
6-05-05	4369 Doncaster Dr.	Apartment	Arson with arrest	\$50,000
6-10-05	620 E. Mifflin St.	Apartment	Accidental	\$60,000
6-18-05	4708 Jenewein Rd.	Apartment	Accidental	\$100,000
7-31-05	211 Clyde Gallagher	Apartment	Accidental	\$65,000
8-16-05	2010 Packers Ave.	Apartment	Accidental	\$55,000
8-27-05	2510 University Ave.	Business / Restaurant	Arson with arrest	\$75,000
9-04-05	510 Dapin Rd.	Single family Residential	Arson with arrest.	\$40,000
9-8-05	304 N. Livingston St.	Apartment	Undetermined	\$60,000
10-14-05	2917 Maple View Dr.	Single Family Residence	Accidental	\$60,000
10-30-05	808 Ziegler Rd.	Garage	Accidental	\$60,000
10-30-05	417 W. Mifflin St.	Apartment	Undetermined	\$45,000
11-09-05	I-90	Vehicle	Accidental	\$74,000
11-24-05	7749 Carrington Dr.	Apartment	Accidental	\$100,000
12-06-05	21 Hollywood Dr.	Mobile Home	Accidental	\$70,000
12-22-05	2553 Upham St.	House	Undetermined	\$100,000



FIRE PREVENTION DIVISION

The publication of *America Burning* in 1973, with its startling findings of public indifference to fire safety, shifted the focus of the fire service from suppression to prevention.

Then and now, the City of Madison Fire Department Prevention Division has built its mission around the key principles of prevention: Engineering, Education, and Enforcement. The Division is organized around these principles with responsibility for department administrative support and the city's Emergency Management Office.

In 2005, under the leadership of Fire Marshal Ed Ruckriegel, the Fire Prevention staff continued to provide high levels of service – concentrating efforts on customer service enhancements, developing new initiatives, community collaborations, problem-solving, and careful stewardship of resources.

These efforts paid off in significant gains for individual customers and the community at large.

Community Education Unit

As the City of Madison continued to grow in both population and diversity, the Community Education Unit continued to develop partnerships to reach new audiences with the message of fire safety and prevention.

Using continually developing curricula for preschoolers through senior citizens, staff members reached thousands of residents with information about family evacuation plans, cooking safety, and other topics of injury prevention.



The Community Education Unit continues to take a leadership role in child passenger safety with regularly scheduled car seat checks twice each month at Madison fire stations. Many low-income families were supplied with child safety seats, thanks to a grant through the UW Children's Hospital. All members of the Community Education staff are Certified Car Seat Technicians.

Car seat checks are just one type of community education activity coordinated by MFD. Throughout 2005, the Community Education Unit took a leading role in Safety Saturday, Safety Town, and Safety Day at the Children's Museum. This year, our staff collaborated with the Boys & Girls Club of Dane County and their backpack giveaway. In every case, those in attendance learned about prevention and safety through interactive exhibits.

Safety Saturday continues to attract hundreds of families with more than 20 safety displays and activities. This event is located adjacent to the Dane County Farmers' Market for maximum traffic and visibility.

Having piloted Safety Town in 2004, the program was expanded in 2005 through collaboration with the Safe Community Coalition and Madison School and Community Recreation (MSCR). Children entering Kindergarten attended this two-week program focusing on injury prevention topics. They left with a bicycle helmet, a Safety Town T-shirt, and a solid understanding of how to stay safe in a variety of situations.



I know (my son) understands safety in a more comprehensive way. It's changed how he evaluates people's actions. Safety Town is a must-do class for every child.

—Tonya Nisbet, parent

With MSCR handling promotion and registration, enrollments quadrupled over the previous year. The program also provided scholarships to children from area Headstart programs.



During October, The Community Education Unit travels to the city's schools for an interactive presentation that stresses safe behaviors for fire prevention and safety. More than 3,390 elementary school children and teachers had the opportunity to tour the Dane County Fire Chief Association "Fire Safety House."

2005 Results:

- Increased use of local media outlets for public safety messages.
- 950 car seat checks at City of Madison fire stations.
- 114 presentations reaching 5,000 children and 2,000 adults.
- Spanish translation of fire safety publications.
- 126 students enrolled in Safety Town
- More than 1,100 visitors to City of Madison fire stations
- Outreach to community at large through free public events:
 - Safety Saturday
 - Safety Day at the Children's Museum
 - BG CDC Backpack Giveaway



The Madison Fire Department has been a valued partner and driving force in the development of Safe Community Coalition, and is a leader in so many of our injury-prevention projects. Our Madison community is fortunate to have such a strong, committed safety team in our Madison Fire Department.

—Cheryl Wittke, Executive Director, Safe Community Coalition

Fire Protection Engineering Unit

New construction in the City of Madison must meet high standards for the safety of its use, design, and construction. The challenge is to eliminate unnecessary or unacceptable hazards and risks for occupants, the public and firefighters.

This is accomplished through a system of plan review and inspection. Through this process, the Engineering staff provides reliable, expert consultation for owners, developers, design professionals, contractors, and other city agencies.

In response to the increased level of development within the City, the Engineering staff in 2005 revised its processes to better meet customer needs. Inspectors developed a team approach to new construction inspection.

Training sessions were provided to customers to help them better prepare for the plan review and inspection processes. These opportunities assisted our customers in gaining a better understanding of the building and fire codes that we administer. Training was augmented by the creation and distribution of the fire access equivalency process and guide.

Along with these outreach activities, additional personnel were trained to assist in plan review.

Process improvements were implemented in response to customer feedback. The Economic Development Commission Report on the city's development review process provided some direction for change.

2005 Results:

- Development of training sessions for developers, design professionals and other City staff to gain a better understanding of regulations and eliminate conflicts.
- Expedited plan review process (turnaround time reduced from 15 days to less than 10 days) with a total of 592 completed in 2005 representing a continued increase of 387% in the past 10 years.
- Increased customer satisfaction.

The whole process was rather smooth. The MFD Staff went above and beyond in helping us get a difficult project approved. They helped us to find solutions.

—Michael Clark, Bray Associates Architects, Inc.



- Revenue generation of \$331,561.00 in net revenue – a continued increase of 188% over the past 5 years.
- Redistributed workload assigning portions of plan review to Code Enforcement Officers.
- Creation of an informal variance process to streamline the petition for variance process. Developers were able to receive immediate approval from MFD, eliminating a one-month delay and the \$500.00 fee.

Critical Indicators

- Fire Protection System Plans Review - 592
- Fire Protection System Inspections - 353
- Fire Protection System Acceptance Tests - 1019
- Site Plans Review - 268
- SIP-PUDs - 221
- Net Revenues - \$331,561.00



Fire Code Enforcement Unit

The Fire Code Enforcement Unit worked toward greater efficiencies in 2005. Improvements include:

- ❑ A new filing system was installed, improving access to fire inspection records, saving time and floor space.
- ❑ Previously, violation notices were copied and retained on-site to meet record-keeping mandates. After a year, the notices were archived. Violation notices are now saved directly to the City's imaging software, saving filing space and staff time while providing quick access to these documents. We can now email documents directly to our customers without printing and faxing.
- ❑ Another labor-intensive process was automated in late 2005. In the past, inspection and clerical staff manually developed and processed re-inspection fee invoices. Now, invoices print automatically and are saved to the City's imaging software directly from the fire inspection computer program, saving staff time and getting the invoices to our customers sooner.
- ❑ Fire inspection staff seized on the addition of Station 11 in mid 2005 as an opportunity to review how locations are assigned to station staff for inspections; addresses were reassigned to all eleven stations according to geographic lines.

The fire inspection staff emphasized training and education in 2005 by providing training to business owners, as well as meeting with owners, contractors and others to informally address fire code concerns. The Fire Inspection Unit continued to provide information to customers through the Department's website: informational bulletins on such topics as seasonal decorations and grills, as well as the forms used to apply for licenses or to submit for plan review. Contact information for staff is provided for the customer's convenience.

Fire Inspection staff review and participate in all large-scale events that occur in Madison on a regular basis, such as the annual Halloween party, Rhythm and Booms, and the Mifflin Street Block Party. Staff is active before all such events with pre-planning and safety inspections, and participates during these events performing safety checks, occupancy checks, and compliance with all fire codes. This proactive stance is crucial to the prevention of fire and creating a safer community. For the first time in 2005, Fire Inspection staff had two Inspectors on the streets north and south of State Street to check house parties for safety concerns during the Halloween weekend. This resulted in the discovery of violations found including a haunted house with a DJ and dance party in the basement of a student housing building. Among the violations:

- Candles burning on top of dried leaves
- Black plastic trash bags over exits
- Only one exit from the basement



2005 Results:

- 31,000 Fire Inspection Activities performed in 2005 by the Madison Fire Department.
- Fire Prevention generated more than one million dollars in revenue to the City of Madison:

2 % Dues	\$ 608,802
Plan Review	\$ 331,561
Tank Contract	\$ 46,043
Licenses (Permits)	\$ 72,160
Re-Inspection Fees	\$ 16,650
Total	\$1,075,216

- Madison Fire Department performed all State of Wisconsin mandated fire inspections of all commercial buildings in the City of Madison. The Inspection unit also performed license, complaint, tank, capacity, and pyrotechnic inspections. Additionally, Madison Fire Department performed tank inspections for the Verona Fire District and for the City of Fitchburg as contracted with the Department of Commerce.
- With the assistance of Information Services, automated processes such as electronic copies of violation notices, and re-inspection fee invoices, saving staff time and filing space.
- Developed and implemented a process to review high-pile storage occupancies. High-pile storage presents unique hazards to the occupants, as well as fire fighters, which we now address through High-pile storage licenses.
- Fire Inspection staff participated in the City of Madison's Neighborhood Resource Teams, with two teams being led by fire inspection staff.

Office of Emergency Management

In 2005, an Office of Emergency Management was established within the department. Ed Ruckriegel, Fire Marshal, will serve as the city's Emergency Management Coordinator. Emergency management responsibilities include mitigation, planning, response and recovery. Other accomplishments in 2005:

- ❑ Chapter 3 of the Madison General Ordinances was updated to comply with state mandates and to apply contemporary approaches to managing disasters and emergencies. In addition the ordinance establishes responsibilities for emergency management and formalizes the Emergency Planning Staff Team.
- ❑ PREP, People Responding to Emergency Program was developed and implemented. The program is designed to provide individuals with the resources to develop emergency plans for home, workplace and school. The program is a collaborative effort with UW EMS Program and the Red Cross Badger Chapter. Through the local media and a web site this initiative has disseminated information relative to home evacuation planning, shelter-in-place planning, family communications plans, public health emergency planning and others.
- ❑ The National Incident Management System (NIMS) was adopted by resolution to serve as the framework for incident management and emergency response. NIMS are an effective tool for large and small emergencies. To date, approximately 400 members of city staff have been trained.

Administrative Clerks/Reception

2005 proved to be one of the busiest years yet at the front desk of Fire Admin. Despite an increase in duties spawned in part by an influx in fire protection/construction submittals, the addition of Fire Station 11, the creation of new committees needing secretarial staff for meetings, and an increase in the number of field personnel, there are still only two Administrative Clerks—Heidi and Denise—working in this area, providing support for walk-in customers, phone inquiries, and fire department staff.

One of the most notable improvements of 2005 (and certainly the most noticeable) was the remodel of Fire Administration's lobby/reception area. Denise and Heidi's work area was increased while the size of the lobby was decreased, making for a much more efficient use of space. Security, which had been sorely lacking in the past, was added by way of the addition of a door separating the lobby from the rest of the building. People entering the lobby can gain access to the rest of the building only by use of a door entry code or by being "buzzed in" by department staff. Additional counter space and storage room was added, maximizing available space and lending orderliness to the area. Heidi and Denise also received new workstations, not only increasing efficiency and organization, but also giving the Reception area a much-needed updated, professional look. All of these changes, along with other improvements (including a new filing system, automatically-generated re-inspection invoices, and other procedural changes) helped us continue to deliver a high level of customer service despite a greatly increased workload.



FINANCE

2005 Operating Budget

The City Comptroller Department is in the process of closing the books for 2005. As a result, not all entries have been completed as of February 28, 2006. The financial expenditures currently indicate that the Department is approximately \$98,000 over budget. The primary reason for this deficit is because the City must pay retiring employees for all accrued leave balances (primarily sick leave). In 2005 nine employees retired and one resigned. In 2004, the Department had only one employee retirement.

Following is a chart summarizing the current status of the 2005 Operating Budget:

	Adopted Budget	Actual	Encumbrance Amount	Total with Encumbrance	Balance
Permanent Salaries	\$19,578,529	\$19,524,954	0	\$19,524,954	\$53,575
*Overtime Salaries	567,748	646,960	0	656,960	(79,212)
**Benefits	8,472,215	8,648,221	0	8,648,221	(176,006)
Purchased Services	983,919	803,420	104,776	908,196	75,723
Materials & Supplies	620,196	520,090	92,485	612,575	7,621
Inter-agency Charges	2,413,064	2,433,180	0	2,433,180	(20,116)
Capital Assets	7,454	7,289	0	7,289	165
Revenue	(499,371)	(539,793)	0	(539,793)	40,422
Net Budget	\$32,143,754	\$32,044,321	\$ 197, 261	\$32,241,582	\$(97,828)

*Retro Pay is included

**Increased employee retirements from one in 2004 to nine in 2005

2005 Capital Budget.

The Department has a Capital budget that includes large projects for which funds must be borrowed. Borrowed funding was approved for a total of \$724,365 covering the following projects in 2005:

1. Fire Equipment-\$366,000 (includes trade-in value of \$111,000 and borrowing of \$255,000)

Funding to replace all ambulance defibrillators and other fire equipment such as hose and other equipment carried on vehicles.

2. Protective Gear-\$60,000

Funding for the ongoing replacement of damaged protective gear and protective gear for new employees.



3. General Building Improvements-\$225,000

General Building projects for ongoing maintenance. Station No. 1 and the Administration Building were the 2005 projects.

4. Communications Equipment-\$60,000

Ongoing replacement of damaged or lost portable radios and additional radios for increased personnel.

5. EMS Data Computers-\$33,000

These units were purchased for the ambulances.

6. FEMA Grant-\$204,550 (includes grant amount of \$143,185 and borrowed amount of \$61,365)

Grant funding for 2 thermal imaging cameras, 3 fire simulators and the upgrade of the breathing apparatus for heads up display.

7. Lighting Efficiency Project-\$30,000

Funding for the second phase of improvements to building lighting systems to reduce electrical usage.

The total authorized spending for these projects is \$978,550 which includes other funding sources.

Metropolitan Medical Response System (MMRS)

The City was awarded a FEMA grant of \$400,000 for the preparation for response to Weapons of Mass Destruction (WMD) incidents. This grant did not require any matching fund. The funding is for the entire Metropolitan area. All purchasing projects are approved by a Steering Committee of public officials and medical representatives in our community.

The grant covers:

- The development and implementation of the National Incident Management System (NIMS)
- Development of a tracking system for supplies and equipment purchased for the program
- Incorporating the Geographic Information System and Automatic Vehicle Locator (AVL) System into the emergency medical response system
- Enhancing emergency public information
- Evaluating and developing sites for the Alternate Mass Care Treatment and quarantine
- Training of personnel on the Countywide Mass Casualty Incident Management System
- Updating the MMRS Pharmaceutical plan and integrating deliverables
- Maintaining/updating the stockpile of pharmaceuticals
- Evaluation of training, and the development and implementation of training
- Acquiring a patient tracking system
- Increasing the communications interoperability of emergency medical responses

