



Broadview Fire Department Fire Prevention Bureau

Inspector Scott Karstens

2010 Annual Report

The Fire Prevention Bureau consists of the Fire Chief and the Fire Inspector. All members of the Fire Department are involved in Fire Prevention activities when needed. The Fire Inspector also coordinates activities with the Building Department Inspectors, The Office of the State Fire Marshall and occasionally Illinois EPA. The Fire Inspector is also responsible for reviewing proposed sprinkler and fire alarm work by contractors and the maintenance of these systems.

Fire Prevention enforces code compliance of the adopted Fire Codes which include NFPA and ICC Building and Fire Codes. These codes have been adopted by Village Ordinances. The applications of these codes allow existing occupancies to remain under the code adopted at the time occupancy was established. New occupancies are required to meet the current code requirements.

During January 2010, the Fire Prevention Bureau was involved with a new business that began operating in November 2009 without building permits or business license and was shut down. This business was allowed to resume operations several months later after obtaining permits and complying with required codes.

In February 2010, an existing business in Broadview began moving to another Broadview location. The company began making alterations to the new building without permits.



Sprinkler Valve Room

This work was stopped and contractors were required to have all work approved before resuming alterations. This business was able to move its operations to the new location a few months later.

In March 2010 a new restaurant on Roosevelt Road began moving into a new location and needed to install a complete commercial kitchen. Due to problems with a contractor this work was constantly requiring inspections to ensure the work was done properly. Unfortunately this business has since moved out.

In April 2010, a recently vacant building at 2830 S. 18th Ave. was sold to a new business. The new business warehouses lighting products and has a small office. Minor Fire Alarm upgrades were required for this business to comply with current codes.

In May of 2010, a Broadview business installed above ground fuel tanks for refueling its fleet of trucks after a truck damaged the pump for the existing underground tank. The above ground refueling was stopped and the Office of the State Fire Marshall was called in to investigate the damaged fueling equipment. As part of that investigation the Illinois EPA and Federal EPA were also brought in to determine the extent of fuel reaching the water table. During this investigation, storm sewers feeding the Addison Creek were found to contain oil from an unknown source. The EPA investigation is on-going.

In June of 2010, Sophia's African Hair Braiding returned to its former location. The building next to Sophia's had a fire in 2009 and was torn down. Prior to reopening Sophia's, there were problems with the contractor's work and additional work was required due to existing structural problems. The following month a new retail store opened for business at 17th Ave. and Roosevelt in a building that was vacant for several years. This business was required to install a Fire Alarm system

In September L.A. Fitness moved into the Broadview Village Mall, taking half of the space once occupied by Target. The construction project took several months and included moving supporting columns where a swimming pool was constructed. Shortly after this project, Ashley Furniture began to remodel most of the remaining former Target space. This work is currently on going.

Another vacant building on 26th Ave was sold in August to an existing Broadview company. The new company has done extensive work. As well as structural changes to the building which required alterations to the sprinkler system, a new Fire Alarm system was installed.

As always the Fire Prevention Bureau has regular inspection activities at both Roosevelt and Lindop schools. During 2010, 14 inspections were made at Lindop School and 18 at Roosevelt School . Fire Prevention also conducted three days of fire extinguisher training at Chase Products for 40 employees and two days training at Elkay Manufacturing for 41 employees.



Unlike most years, in 2010 Broadview experienced two severe hits from Mother Nature. The tornado like winds in June resulted in several blocks of damage in the residential area. The winds also blew over a small brick wall at the Village Hall and caused a 20 foot interior wall of the business north of the Village Hall to collapse. Many other businesses were without electrical power for several days. Similar to previous years, the effects of winds and heavy rain on the alarm circuits which allow Fire Alarms to be monitored at the 911 Dispatch were disrupted for several days. The flood in July 2010 had very little impact on businesses as compared to the residential damage in many areas.

The total documented Fire Prevention activities for 2010 was 1323. This includes 480 inspections, 145 re-inspections, 503 consultations, 182 plan reviews, 6 public education activities and 7 legal activities. Most inspections result in no violations. For inspections involving violations there may be consultations to explain the issue to business owners and contractors and re-inspections to verify corrections. Plan reviews are part of the process for new business compliance to current code requirements and existing businesses making changes requiring upgrades in fire protection systems. Eighty per cent of more of the plan reviews are reviewing documents relating to required annual testing of sprinkler systems and Fire Alarm systems.

Respectfully submitted,

Scott R. Karstens
Fire Inspector.



Broadview Fire Department

Public Education

Firefighter Kelly Ann Johnson

2010 Annual Report

Changing smoke alarm batteries at least once a year is one of the simplest, most effective ways to reduce these tragic deaths and injuries.

Promoting fire safety is more important today than ever. Findings from a recent national survey reveal there are still key things Americans don't know, and should about protecting themselves from fire. After years of Promoting fire safety we are making progress, but there's still much work to be done.

Each year, as fall approaches, The Broadview Fire Department wants to remind residents to make another change that could save their lives—changing the batteries in their smoke alarms. Communities nationwide witness tragic home fire deaths each year. An average of three children per day die in home fires and 80 percent of those occur in homes without working smoke detectors. Non-working smoke detectors rob residents of the protective benefits home fire safety devices were designed to provide. The most commonly cited cause of non-working smoke alarms are worn or missing batteries.

Changing smoke alarm batteries at least once a year is one of the simplest, most effective ways to reduce these tragic deaths and injuries. In fact, working smoke detectors nearly cut in half the risk of dying in a home fire. Additionally, The Broadview Fire Department recommends replacing your smoke detectors every ten years.

To save lives and prevent needless injuries in the Broadview community, the Broadview Fire Department would like to remind all residents when they change their clocks back, to also change their batteries in their smoke detectors. The peak time for home fire fatalities is between 10 p.m. and 6 a.m. when most families are sleeping. Smoke alarm maintenance is a simple, effective way to reduce home fire deaths. Children and senior citizens are most at risk, and a working smoke detector can give them the extra seconds they need to get out safely.

In addition, The Broadview Fire Department recommends residents use the “extra” hour they save from the time change to test smoke alarms by pushing the test button, planning “two ways out” and practicing escape routes with the entire family. Families should also prepare a fire safety kit that includes working flashlights and fresh batteries.

Fires caused by smoking materials kill more people than any other cause of fire. If you have smokers in your home, you need to be particularly careful. Careless disposal of smoking materials are the major culprit. If someone in your home smokes, provide them with large, deep, sturdy ashtrays and make sure the ashtrays are emptied frequently. Always douse the ashtrays with water before placing in the trash. Watch where smokers have been, too: check upholstery and cushions for smoldering butts before leaving home or going to sleep—especially after a party or when guests have been smoking. Watch your matches and lighter and keep them away from children up high, out of sight and preferably in a locked cabinet.

The things we heat at home put us at the greatest risk from fire. Being alert and prepared, you can eliminate a disaster! Watch what you heat, it could help prevent home fires! Never leave candles and space heaters unattended or use an oven to warm your home. And, don’t forget to start with the basics: smoke detectors on every level and outside each sleeping area. Test them monthly and replace the batteries when you change your clocks.

We have made great strides in creating awareness about fire safety, and the number of home fire deaths and injuries are declining. However, our campaign continues to focus on the highest risk groups which are children ages five and under and senior citizens. These two groups are twice as likely as the population as a whole to die in or from home fires.

The first step in fire prevention is education. Education can help prevent a large percentage of fires. An informed public will be less careless, avoiding conditions that may start accidental fires. The fire department advises home owners and occupants all year round on matters of fire prevention, the importance of good house keeping, and a means of escape in the event of fire. Firefighters spend a lot of time educating the public, which in turn benefits the community by saving lives and the cost of property damage.

The personnel of the Broadview Fire Department are committed to providing continued quality fire safety education and further serving the Broadview community.

The Broadview Fire Department is committed to on going fire prevention programs throughout the year. These programs target those at risk, particularly children and the elderly. The fire department also recognizes special risks, common in homes and public areas, aiming to minimize risks by raising awareness. One of the most important aspects of fire prevention is educating the public about risks they can control in homes, public places, and what they need to do if fire should occur. The Fire Department is committed to preventing emergencies through education, and does so through the following activities.

The public education program primarily targets school age children of our village for fire safety. Lindop and Roosevelt elementary school have participated in our safety programs with "Dial 9-1-1 in an Emergency". This program was made possible with materials donated by Ameritech employees. The presentation for third graders provides a DVD demonstration, as well as, "teletrainer phones", that allow the children to role-play, to help make an emergency 9-1-1 phone call. This program also includes, "Stop, Drop and Roll, EDITH (Exit Drills in the Home), "Stay Low and Go", "Smoke Detectors, "Burn Awareness and Prevention", and other important subjects for kids. In today's society with so many "latch key" children, this program has proven invaluable. The children learn to recognize a critical situation and how to react in an emergency crisis.

2011 promises continued success in the Public Education Division with fire Safety, first aid, and uture programs in development, all in the name of public education. The personnel of the Broadview Fire Department are committed to providing continued quality fire safety education and further serving the Broadview community.

Respectfully Submitted,

Kelly Ann Johnson
Firefighter/Paramedic



Broadview Fire Department

Fire Investigation Division

Captain Carl A. Lite

2010 Annual Report

The Fire Investigation Division provides investigators to fire scenes to determine the cause and origin of fires.

The Fire Investigation Division provides investigators to fire scenes to determine the cause and origin of fires. The division made forty one (41) investigation responses this year. Of these, we were able to respond to 9 investigations outside of our village and the remainder of the investigations were mutual aid responses to other Division 20 towns. It has been hard to participate in Division 20 responses since the layoffs, but we still try to respond when we have available manpower and investigators available when there is a callout by the division.

The Broadview Fire Division consists of the present staff in 2010 of:

Captain Carl Lite
Captain Ned Thoma
Lieutenant Jonathan Hoadley
FF Steve Murczek
FF John DeLong
FF Michael Nykaza
FF Nick Schodtler
FF Tracy Scalise

The division made forty one (41) investigation responses this year.



Broadview is a part of the Division 20 Fire Investigation Unit. Which provides the body of manpower and expertise for conducting investigations.

Broadview is a part of the Division 20 Fire Investigation Unit. Which provides the body of manpower and expertise for conducting investigations. In January of this year, as part of the monthly investigators meetings, classes were provided on investigation topics such as fire scene photography, evidence collection/submission, and scene sketching. A new vehicle was converted into a fire investigation vehicle which will be designated Fire Investigation I (FI 1) and is kept at the Maywood FD.

The members of the Broadview Fire Investigation Division are also members of the Fire Investigation Strike Force; this is an educational and resource organization, which hold monthly meetings and periodic seminars that are attended by division personnel.

I would like to take this opportunity to thank Chief John H. Tierney for his continued support of the Fire Investigation Division and its personnel for the effort on investigation. On behalf of the Fire Investigation Division, I would like to thank you for your continued support, cooperation, and interest.

Respectfully Submitted,

Carl A. Lite
Captain, Fire Investigation Division Coordinator



M.A.B.A.S. Division 20

Technical Rescue

Captain Thomas Gaertner

2010 Annual Report

The Technical Rescue Team responds to any unique rescue situations that cannot be handled by area departments.

The team is equipped with apparatus and heavy-duty rescue equipment purchased by the Village of Broadview and M.A.B.A.S. Division 20.

The Broadview Fire Department is a major participant with the M.A.B.A.S. Division 20 Technical Rescue Team. The Division 20 Team is comprised of approximately seventy-five (75) firefighters from towns throughout M.A.B.A.S. Division 20. The Technical Rescue Team responds to any unique rescue situations that cannot be handled by area departments. These incidents may include but are not limited to trench collapses, above or below grade rescue, confined space rescues, or building collapse.

M.A.B.A.S. Division 11 (North Riverside, Berwyn, Cicero, Oak Park, etc.) also contracts the Division 20 (TRT) Team to provide their division with rescue services from our team. This service is provided through a set annual fee paid to M.A.B.A.S. Division 20.

Currently the Broadview Fire Department has four (4) members on the Division 20 TRT Team. They are as follows:

Chief John Tierney
Deputy Chief Jack Kowalski
Captain Thomas Gaertner
Captain Ned Thoma





Broadview Fire Department, Captain Tom Gaertner is the Senior Task Force Leader of IL-TFI.

The team is equipped with apparatus and heavy-duty rescue equipment purchased by the Village of Broadview and M.A.B.A.S. Division 20. Team members attend team member training and team leader meetings on a monthly basis. Some of this training includes training in conjunction with local area industry or businesses where these types of incidents are more likely to happen.

2010 Projects

The Division 20 TRT Team continued with its monthly training program. Team members meet once a month at a designated location to train on various rescue techniques, tools and equipment, and rescue scenarios. These drills keep up the team member's skills and keep them prepared for any rescue situation they may be called upon to respond to.

Again this year the Broadview Fire Department continued with their involvement with the State of Illinois Urban Search and Rescue Team (Illinois Task Force I). This team is made up of a group of 210 elite rescue personnel, technical search specialists, medical doctors, paramedics, nurses, structures specialists, and canine search dogs from throughout the State of Illinois broken down into three 70 person teams. IL-TFI will respond with an 80 person highly trained and heavily equipped rescue team when a town or region is stricken with a large-scale incident caused by natural disasters (tornadoes, earthquakes, floods, etc.) or by other means (airplane crash, train derailment, terrorist attack, etc). This team can be called into a devastated area and be self sufficient for at least three days. The team carries their own food, water, and sleeping accommodations. All team meetings, training, and deployment costs for IL-TFI Personnel are fully reimbursed back to the village through the Mutual Aid Box Alarm System (MABAS) and the Illinois Terrorism Task Force (ITTF).

Presently 9 personnel from the Division 20 TRT team have been selected to be members of the Illinois USAR Team (IL-TFI). One of the nine members selected from our Division is from the Broadview Fire Department, Captain Tom Gaertner who is the Senior Task Force Leader of IL-TFI.

The Technical Rescue Team would again like to "Thank you", the Broadview Village Board, for your support. Your help and assistance has made our team one of the most highly regarded and premier teams in the state. We will continue to provide this Village with the highest quality rescue service possible.

Respectfully Submitted,

Thomas Gaertner
Captain/TRT Coordinator

Broadview Fire Department

Breathing Apparatus

Captain Carl A. Lite

2010 Annual Report

The Breathing Apparatus Maintenance Division is under the supervision of Captain Carl Lite.



The Breathing Apparatus Maintenance Division is under the supervision of Captain Carl Lite. Assisting with the maintenance are (4) Certified M.S.A. Repairmen. The Broadview Fire Department is a qualified M.S.A. repair center for minor repairs and maintenance in 2010.

Captain Ned Thoma
M.S.A. Certified Repairman

Lieutenant. John Armstrong
M.S.A. Certified Repairman

F.F. Mike Nykaza
M.S.A. Certified Repairman

F.F. Brian Sullivan
M.S.A. Certified Repairman

The following equipment is maintained and repaired by this division:

(34) M.S.A. - 4500 PSI - 30 minute Pressure Demand Breathing Apparatus.

(34) M.S.A. - 4500 PSI - 30 minute Light Weight Composite Air Cylinders (spare).

(6) 2200 PSI - Steel Air Cylinders (for miscellaneous use).

(6) Medical Oxygen - Inhalations Units.

(12) Medical Oxygen - Cylinders (spare).

- (2) Nitrous Oxide - Administration Units.
- (6) Nitrous Oxide - Cylinders (spare).
- (1) Large Medical Oxygen Cylinders for Ambulances (spare).
- (1) 5000 PSI - Paratech Breathing Air Compressor with cylinder filling station.

The above equipment is distributed as follows:

- Squad #213 (1) Oxygen Inhalation Unit with (2) spare cylinders.
(1) Humidified Oxygen System with (1) 244 cu. ft. cylinder, piped into the cabin.
(1) Nitrous Oxide Administration Unit with (1) spare cylinder.
(2) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.
(2) M.S.A. - 30 minute Breathing Air Cylinders - 4500 PSI (spare).

- Squad #218 (1) Oxygen Inhalation Unit with (2) spare cylinders.
(1) Humidified Oxygen System with (1) 244 cu. Ft. cylinder, piped into the cabin.
(1) Nitrous Oxide Administration Unit with (1) spare cylinder.
(2) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.
(2) M.S.A. - 30 minute Breathing Air Cylinders - 4500 PSI (spare).

- Car #211 (1) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.

- Car #222 (1) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.

- Squad #212 (4) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.
(9) M.S.A. - 30 minute Breathing Air Cylinders - 4500 PSI (spares).
(1) Oxygen Inhalation Unit with (1) spare cylinder.
(2) "M" size Air Cylinders.
(4) Steel - 30 minute Air Cylinders 2200 PSI.

- Truck #214 (6) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.
(5) M.S.A. - 30 minute Breathing Air Cylinders - 4500 PSI (spare).
(1) Oxygen Inhalation Unit with (1) spare cylinder.
(2) M.S.A. - Breathing Masks with 8 ft. hoses.
(2) 244 cu. ft. Breathing Air Cylinders.
- Engine #215 (4) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.
(4) M.S.A. - 30 minute Breathing Air Cylinders - 4500 PSI (spare).
(1) Oxygen Inhalation Unit with (1) spare cylinder.
- Engine #216 (5) M.S.A. - 30 minute Breathing Apparatus - 4500 PSI.
(6) M.S.A. - 30 minute Breathing Air Cylinders - 4500 PSI (spare).
(1) Oxygen Inhalation Unit with (1) spare

The following equipment is kept in the hose room of the fire station:

- (1) 5000 PSI Air Compressor (used for filling all Air Cylinders).
- (1) 2400 PSI Oxygen Cylinder(spare).
- (2) M.S.A. Regulator testers, tools, and parts (used for testing, repairing, and calibrating regulators).
- (6) M.S.A. 30 minute Breathing Apparatus - 4500 PSI (spares).

Repairs and Maintenance:

- * 34 Breathing Apparatus inspected and/or repaired.
- * 3 oil changes on the 5000 PSI Compressor.
- * 2 air filters replaced on the 5000 PSI Compressor.
- * Monthly maintenance inspection on 5000 PSI Compressor.
- * Quarterly air quality analysis report on 5000 PSI Compressor done by Air-One.
- * The Fire Department has assisted other Fire Departments, Broadview Public Works, Loyola Hospital, and local industry with filling their air cylinders.
- * Hydrostatic testing of light weight composite air cylinders as needed.

- * Fit Test 34 face pieces and perform the Open Circuit Test on all SCBA harnesses according to NFPA 1852 standards

New Equipment:

The routine maintenance and repairs are performed by the Fire Department's Certified M.S.A. repairmen on the breathing apparatus, compressor, air cylinders and related equipment and saves the Village a considerable sum of money each year. Technical advances and liability have forced all departments to send out most equipment for proper repairs and to maintain warranty a liability for the village and fire department. We still try to continue to do small repairs with the assistance of master technicians at Air One. Division 20 has also purchased a PortAccount testing machine that eliminates the cost of a private company coming out to fit test all of our personal face pieces. FF Joe Marbach is qualified to test all of our personal and also has done the fit testing for our own police department and their personal protective face pieces.

Twenty-five (25) new SCBA Harnesses and fifty (50) new 4500 PSI Air Bottles were received through a grant. New SCBA came from Air-One along with twenty-five (25) new facepieces. Old SCBA equipment was donated to two Volunteer Fire Departments. Also our old filling station for medical O2 was removed and we now go to The Service Center in Broadview for all our medical O2. A brand new air compressor was also received through the grant program.

Respectfully submitted,

Carl A. Lite



M.A.B.A.S. Division 20

Hazardous Materials Team

Captain Ned L. Thoma

2010 Annual Report

Broadview Fire Department is a member of the Division 20 Hazardous Materials Team Co-op. Division 20 is comprised of 16 surrounding towns that provide information, training and manpower during a Haz-Mat Incident. The Division 20 Team remains a highly regarded response team within the State of Illinois. Members of our team have participated in training exercises in downstate Champaign, IL in order to show knowledge and competency. This is known as the Validation process. Teams are given tasks they complete and are graded on.

**Broadview Fire
Department is a
member of the
Division 20
Hazardous
Materials Team**

Broadview Haz-Mat members are;

Deputy Chief Jack A. Kowalski
Captain Carl A. Lite
Captain Ned L. Thoma
Lieutenant John R. Armstrong
Lieutenant Jonathan Hoadley
Firefighter Mark Carlson



Hazardous Materials Team

Captain Ned L. Thoma remains the Haz-Mat Coordinator for our department, and the recording secretary for the Division 20 Team.

Members keep their skills and knowledge current by attending training drills and schools that are offered throughout the year.

Division 20 maintains a regimented training program. Drills are conducted every month, with the exception of July which is designated as a off month. The following drills were conducted last year.

TRAINING SCHEDULE SUMMARY FOR 2010

January	Hazardous Materials Transportation
February	Bomb Recognition Cook County Bomb Squad
March	MABAS Days
April	Formal Decon
May	Suspicious Packages Recognition
June	Haul Systems/ Patient Packaging
July	No drill this month.
August	Pool Drill
September	Cold Weather Operations/ Zumoro Tents
October	Haz-mat Awareness Refresher
November	TRT/ Haz-mat Combo Drill
December	Year in Review Drill

Hazardous Materials Team

The modern fire service must respond to both existing and emerging threats to lives and property. In addition to fighting fires, today's fire fighters will be called to incidents involving chemical spills, Gas leaks, emergencies at industrial plants, or railroad or truck crashes with resultant material leaks or spills. These incidents frequently involve hazardous materials that threaten lives, property and the environment.

A hazardous material as defined by the U.S. DOT is a material that poses an unreasonable risk to the health and safety of operating emergency personnel, the public and / or the environment if it is not properly controlled during handling, storage, manufacture, processing, packaging, use and disposal or transportation.

Members of the Broadview Fire Department are trained to the Operations level as described by NFPA472. These members shall be said persons whom respond to hazardous materials/ WMD incidents for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Our members are trained to the operations level at a minimum to be able to recognize potential hazardous materials incidents, isolate and deny entry to other responders and the public, evacuate persons in danger, and take defensive actions such as shutting off valves and protecting drains without having contact with the product. Operations level responders act in a defensive fashion.

The Broadview Fire Department stores and maintains the DDFU, (Dual Digital Foam Unit), and Blast Guard System. This equipment remains ready for our and the Division's use. This is the current standard and has been the most proven method against unknown harmful bio agents and dirty bombs.

Upon the request of Departments in Division 20, our 6 members will be requested to respond as part of Division 20 Haz-Mat Response Team. A Hazardous Materials Response Team is designed to provide a specialized response of personnel and equipment to incidents involving materials that present a physical, health, biological or radiological hazard to the public. The team's mission is hazardous materials identification, implementation of control procedures, containment of hazardous materials, rendering incident areas safe and performing decontamination procedures on the scene of hazardous materials incidents. Members of the specialized team are provided with higher levels of training to enter heavily contaminated areas using the highest levels of personal protection. These members are trained to take an offensive action to control and mitigate special hazardous situations.

Division 20 maintains a regimented training program. Drills are conducted every month to all members to keep their skills and knowledge current.

Respectfully submitted,

Ned L. Thoma
Captain