



2010 Annual Report

Bloomfield Township Fire Department

“ It is comforting to know that the people of Bloomfield Township are served by such an outstanding and professional group of individuals.”

- *Steven N. Andrews*



“ Our community is fortunate to have such superior service available to us.”

- Margaret Snyder



2010 Fire Chief Report

Dear Ladies and Gentlemen,

During the past year our fire department was able to achieve several of our goals that would improve the level of service provided to the community, create operational efficiency and revenue through cost recovery. The service improvement was accomplished with the start of Emergency Medical Services (EMS) transporting, upgrading a fire engine to Advanced Life Support (ALS) status, and the acquisition of Federal grant money to purchase state-of-the-art EMS equipment. These service improvements came at no additional expense to the community as our department restructured our operational platform and procedures to achieve these enhancements.

Adding the component of transport to our established EMS program allows Bloomfield Township to maintain greater local control over all facets of EMS services delivered to our citizens. It assures a “continuity of care” throughout the entire emergency and it allows greater control of the quality of service provided to our patients. Additionally, EMS transport permits the fire department to retrieve cost recovery funds, which in turn, are applied to help sustain sufficient personnel levels to safely and efficiently mitigate all other fire related emergencies that arise in the township.

Furthermore, it is a goal of the fire department to achieve the upgrade of all four of the front line fire engines to ALS status over the next three years. By upgrading the fire engines to ALS status, it allows us the ability to have overlapping EMS coverage when our fire rescue vehicles are on other calls. Essentially, our firefighters are cross-trained and our fire engines are equipped to mitigate fire and ALS type incidents. This upgrade results in a more efficient use of personnel and equipment while producing better incident outcomes for our citizens.

As we ventured into the process of upgrading our service levels, we also aggressively sought out Federal grant money to help procure EMS equipment for our personnel to use. With that, our fire personnel wrote a successful grant proposal to the Assistance to Firefighters Grant (AFG) program. These grant funds have provided our fire department the most advanced EMS equipment to provide a higher service level to the community and to help ensure more positive outcomes for our citizens.

In 2011, the Bloomfield Township Fire Department will continue to monitor our service levels for efficiency, effectiveness, and overall quality. We will ensure that the service we provide matches the needs and wants of the community.

It is with great pride and enthusiasm that I present to you the Bloomfield Township Fire Department 2010 Annual Report.

Respectfully submitted,
Dave Piche'
Fire Chief



Dave Piché
Fire Chief
25.7 Years of Service

“ My husband and I thank you for your speedy service...You are worth every mil in taxes!”

- Rose Marie Robinson



2010 Annual Report

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2010

Fire Department Administration



Dave Piché
Fire Chief
25.7 Years of Service



Lyal Bigger
Asst. Fire Chief
26.9 Years of Service



Mike McCully
Fire Marshal
25.9 Years of Service



Lt. Doug Brown
Fire Inspector
30.7 Years of Service



Lt. Peter Vlahos
Fire Inspector
14 Years of Service



Lt. Mike Morin
EMS Coordinator
24.2 Years of Service



Pat Simonian
Administrative Assistant
17.5 Years of Service

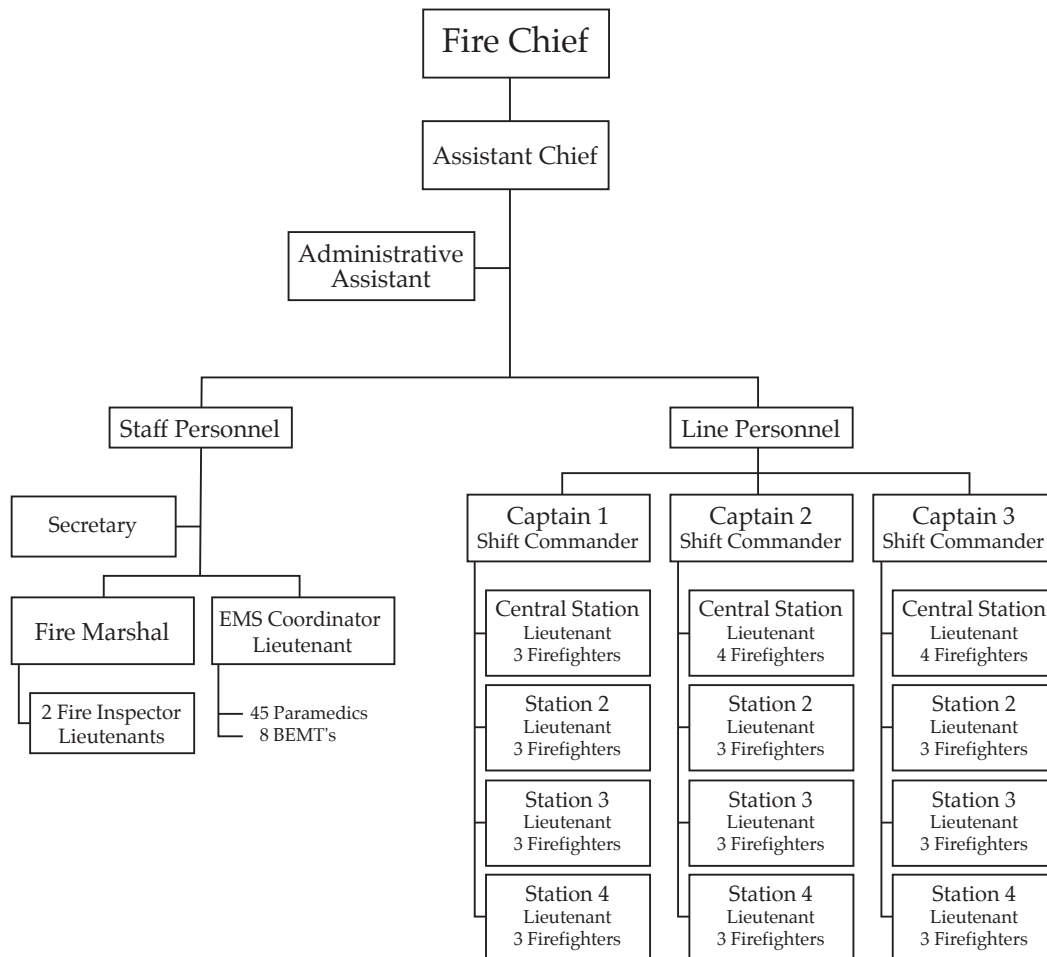


Linda Hemming
Secretary
15.9 Years of Service



Rick Foreman
Department Chaplain
Retired BTFD Lieutenant

2010 Fire Department Organization



59 Uniformed Personnel
(Including)

- 1 Fire Chief
- 1 Assistant Chief
- 1 Fire Marshal
- 2 Lieutenant Fire Inspectors
- 1 Lieutenant EMS Coordinator
- 1 Administrative Assistant
- 1 Secretary

3 Captains
12 Line Lieutenants
38 Firefighters

2010 Annual Report

Station Information

Central Fire Station

644 Incidents (341 Fire Related / 303 Medicals)

Central Fire Station is located at 1155 Exeter, in Bloomfield Township's Municipal Government Complex. It houses one Paramedic Engine, one Incident Command Vehicle, one Reserve Paramedic Rescue, one Technical Rescue Vehicle, and numerous staff and utility vehicles.



Central Fire serves a mostly residential area in the heart of Bloomfield Township. In addition to residences, Central Fire protects many well known structures such as Wabeek Country Club, Kirk in the Hills, and the Township Library to name a few. Central Fire also has the job of protecting several condo complexes, some light mercantile, and the major thoroughfare of Telegraph Road.

Central Fire Station is staffed with one Shift Commander (Fire Captain), one Paramedic Lieutenant, and 3-4 additional firefighters, including at least two paramedics. The Fire Department Administration Staff, including the Fire Chief, Assistant Fire Chief, Fire Marshal, EMS Coordinator, two Fire Inspectors, Administrative Assistant to the Fire Chief, and one Secretary, are also located at this station.

Station 2

880 Incidents (290 Fire Related / 590 Medicals)

Fire Station 2 is located at 1063 Westview, on the Township's northeast side. This fire station houses one Fire Engine and one Paramedic Rescue to protect its district. A Paramedic Lieutenant and three firefighters, including at least two paramedics, are assigned to this station. Station 2 protects residential areas, light mercantile areas, and the major thoroughfares of I-75, Woodward Avenue, and Square Lake Road. Some of the notable structures located in Station 2's area are the International Academy, Bowers School Farm, Oakland Community College offices, and Heartland Georgian Bloomfield nursing care facility.



Station 3

1,413 Incidents (470 Fire Related / 943 Medicals)



Fire Station 3 is located at 4151 W. Maple on the Township's southwest side. This fire station houses one Paramedic Fire Engine, one Paramedic Rescue, and one Reserve Fire Engine. A Paramedic Lieutenant and 3 paramedic firefighters are assigned to this station. Station 3 serves a mainly residential area, including Bloomfield Village, with

some light mercantile, and the major thoroughfares of Telegraph and Maple Roads. Some of the notable buildings protected by Station 3 are Oakland Hills Country Club, Franklin Cider Mill, Birmingham Athletic Club, Birmingham Country Club, Sunrise Assisted Living (South), and Temple Beth El.

Station 4

812 Incidents (229 Fire Related / 583 Medicals)

Fire Station 4 is located at 2389 Franklin Road on the Township's north side. This fire station houses one Fire Engine, one Paramedic Rescue, one Reserve Fire Engine and an Air Supply Trailer. A Paramedic Lieutenant and three firefighters, including at least two paramedics, are assigned to this station. Station 4 serves an area of



residential, light through heavy mercantile, light industrial, and major thoroughfares of Telegraph Road, Square Lake Road, Woodward Avenue, and I-75. Some of the notable buildings in this area include Forest Lake Country Club, Bloomfield Town Square, Carl's Golf Land, and Sunrise Assisted Living (North).

2010

Line Personnel Roster

Watson, Richard	Lieutenant/AEMT	32.4
Mimikos, Alex P.	Captain/AEMT	30.7
Cummings, Gary M.	Captain/AEMT	30.3
Cieslak, James J.	Captain/AEMT	27.6
Nancarrow, Ronald J.	Lieutenant/AEMT	27.6
Bradford, Larry M.	Firefighter/AEMT	26.9
Kiekbusch, Michael A.	Firefighter/AEMT	25.7
LaBelle, Mark F.	Firefighter/AEMT	25.7
Martin, Rex S.	Firefighter/AEMT	24.3
Fecteau, Dennis S.	Firefighter/AEMT	24.3
Scott, Michael E.	Lieutenant/AEMT	23.9
Klein, Michael C.	Lieutenant/AEMT	23.9
Whitehead, Christopher T.	Lieutenant/AEMT	23.4
Crouch, David A.	Lieutenant/AEMT	23.4
Koskinen, Daniel C.	Lieutenant /AEMT	20.7
Sesock, Nicholas D.	Firefighter/AEMT	20.6
Bertucci, Donald B.	Lieutenant/AEMT	20.3
Fox, Gary K.	Firefighter/AEMT	20.3
Fritz, William D.	Lieutenant/AEMT	17.2
Kowalski, Kenneth E.	Firefighter/AEMT	15.4
Ross, Timothy A.	Firefighter/AEMT	15.4
VanHeck, Alan D.	Lieutenant/AEMT	15.1
Cardinale, Kevin J.	Lieutenant/AEMT	14.6
Husch, Ryan A.	Firefighter/AEMT	14.5
Collins, Scott N.	Firefighter/AEMT	14
Martinec, Matthew J.	Lieutenant/AEMT	13.7
Cowher, Timothy J.	Firefighter/AEMT	12.7

Jackson, Daniel A.	Firefighter/AEMT	12.7
Chopski, Joseph E.	Firefighter/AEMT	12.7
Syracuse, Joseph B.	Firefighter/AEMT	11.7
DeRousse, Matthew W.	Firefighter/AEMT	11.4
Keeton, Nathaniel A.	Firefighter/AEMT	10.7
Lietz, Edward J.	Firefighter/AEMT	10.4
Valigura, James A.	Firefighter/BEMT	10.4
Schuette, Kevin W.	Firefighter/BEMT	9.9
Bailey, Kevin G.	Firefighter/AEMT	9.6
Gahlau, Robert A.	Firefighter/AEMT	9.4
Wineski, Leonard V.	Firefighter/BEMT	9
LeRoy, John E.	Firefighter/AEMT	9
Barton, Mark W.	Firefighter/BEMT	9
Grunwald, Jason P.	Firefighter/BEMT	8.6
Pucci, Michael A.	Firefighter/AEMT	7.7
Overby, Matthew K.	Firefighter/AEMT	7.6
Bartlett, Jeffrey R.	Firefighter/BEMT	7.5
Nichols, Robert A.	Firefighter/BEMT	7.2
Patterson, Shawn C.	Firefighter/BEMT	5.8
Zsido, Matthew A.	Firefighter/AEMT	2.5
Koziel, Jeremy C.	Firefighter/AEMT	2.5
Gainer, Brandon R.	Firefighter/AEMT	2.5
McGrail, Joseph P.	Firefighter/AEMT	2.5
Bradford, Benjamin F.	Firefighter/AEMT	1.9
Gibson, Andrew M.	Firefighter/AEMT	1.9
Sova, Michael J.	Firefighter/AEMT	1.7

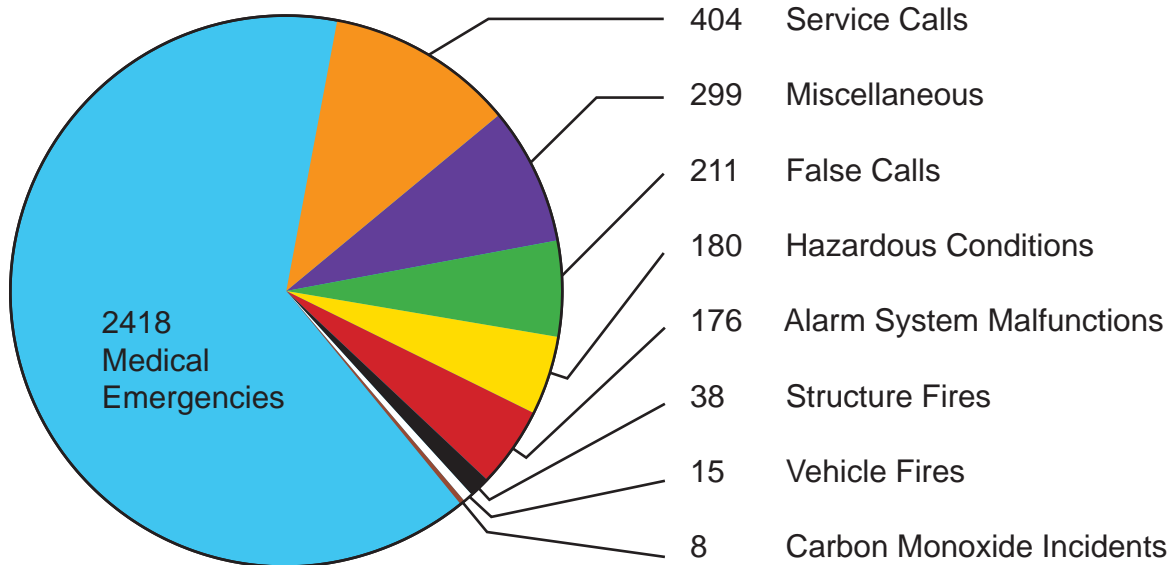
Total Line Personnel - 53

8 - BEMT Basic

45 - AEMT Paramedic

2010

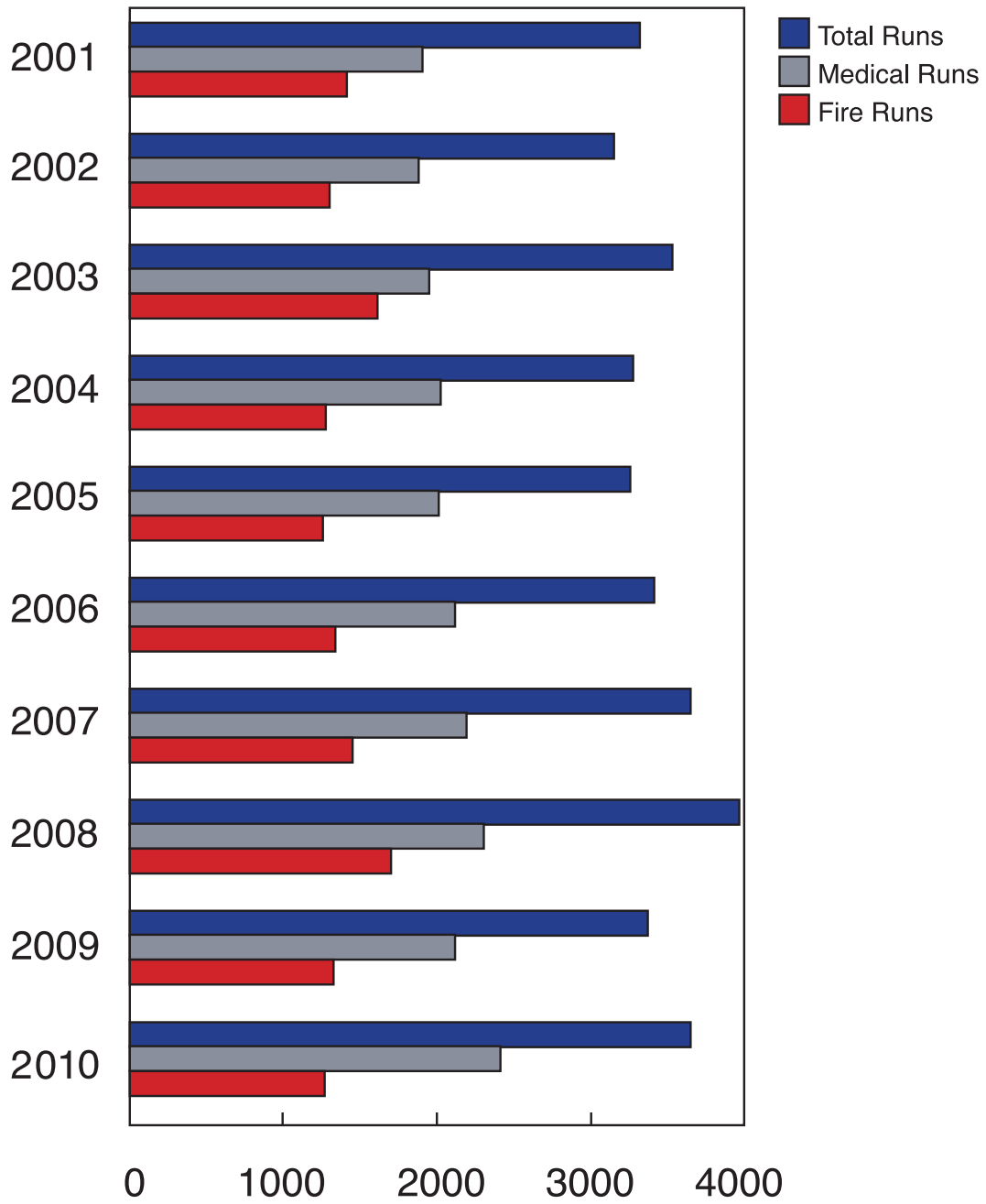
Response Types



Incident Comparison - 3 years

Type of Situation	2010	2009	2008
Medical Emergencies	2418	2088	2265
Service Calls	404	367	430
Miscellaneous	299	236	312
False Calls	211	226	293
Hazardous Conditions	180	222	408
Alarm System Malfunctions	176	183	220
Structure Fires	38	20	30
Vehicle Fires	15	16	17
CO Detector Calls	8	11	11
Total	3749	3369	3986
<i>The above figures include the following:</i>			
<i>Mutual Aid Given</i>	22	4	9
<i>Mutual Aid Received</i>	32	11	14

10 Year Comparison





“ You are certainly a treasure
in our community in a time of need.”

- John & Bette Davies

2010 Training Report

Firefighting is always listed among the most dangerous occupations every year. Obviously, the level of danger and risk changes with the complexity of the incident. An incident, like a slip and fall, is less dangerous than a complex incident like a structure fire or a technical rescue. Factors that contribute to the complexity of an incident include the weather, time of day, type of construction, number of people involved, level of experience and knowledge of the crews on the scene, and the resources available, just to name a few. The most dangerous type of incident is one that is very uncommon in occurrence but very complex in nature. Firefighters call those types of incidents “low frequency, high risk” incidents.



Lyal Bigger
Asst. Fire Chief
26.9 Years of Service

In 2010, our department training focused on the “low frequency, high risks” incidents. Many of our 13,378 hours of annual training were spent gaining experience and knowledge necessary to safely and successfully mitigate these types of emergencies. In February, our training focused on the proper procedures to use when a firefighter is disoriented or trapped in a fire. Additionally, we trained over procedures and techniques for rescuing people from toxic atmospheres. In May, July, and September, we trained on firefighting techniques and firefighter survival at the Combined Regional Emergency Services Training (CREST) center. The CREST center, located on the Auburn Hills Campus of Oakland Community College, has a training tower that uses live fire to help us train in conditions as realistic as possible. The month of April was spent training with our Self Contained Breathing Apparatus (SCBA) so that we could troubleshoot them in a toxic atmosphere with zero visibility. March, June, and August were used to train our firefighters in the most effective rescue and extrication techniques available. We practiced rescue from ice/cold water, motor vehicles, and confined spaces. All these types of emergencies are extremely complex and dangerous. In November, our crews joined forces with firefighters from West Bloomfield and Southfield to train on Positive Pressure Attack (PPA). All three departments shared costs and instructors, making the training more cost efficient for all of us. PPA is a technique used to attack certain types of fires. Recently, the techniques for proper application of PPA have changed to make PPA more effective. PPA increases the efficiency of firefighters and the survivability of trapped victims by cooling the atmosphere, increasing visibility, and removing the majority of toxins in the air.

The Bloomfield Township Fire Department has a philosophy that “Everyday is a training day.” Training keeps our minds sharp, our skills at their peak, and gives us the greatest chance of a safe and successful mitigation whatever the emergency.

When you want to be the best and provide the best service possible it takes a tremendous amount of time and effort as well as unwavering support. The Bloomfield Township Fire Department would like to thank the Board of Trustees and the citizens of Bloomfield Township for their unwavering support. We pledge to continue our pursuit of excellence and our commitment to provide everyone that lives, works, and plays in Bloomfield Township with the best service possible by treating everyday as a training day.

Respectfully submitted,
Lyal Bigger
Assistant Fire Chief



2010 Fire Marshal Report

In 2010, the Fire Prevention Division of the fire department continues to seek out ways to better serve the citizens of Bloomfield Township. We continue with our inspection of commercial buildings throughout the township and are committed to ensuring that the commercial buildings within the township remain safe to everyone.

Pre-incident planning is also a function of the Fire Prevention Division. Data is collected through visits to special hazard buildings by firefighters and through the fire safety inspections conducted by the fire inspectors. The data is then organized, identifying the locations of utilities, fire alarm panels, and fire suppression valves and connections. The data is then entered into a web based pre-plan program called Mobile Eyes Responder. The Incident Commander in the command vehicle, while on the scene of emergencies, can then access this information.

The Fire Prevention Division educates business owners and the public through fire safety inspections and commercial plan reviews. With each inspection, an explanation of the violation and an education on why the violation is a hazard was provided. This promotes fire safety awareness and reduces the number of repeat violations. In 2010, the Bloomfield Township Fire Prevention Division conducted 1234 fire safety inspections, compared to 994 in 2009. Pre-construction plan reviews totaled 188, compared to 328 in 2009.

The Fire Marshal is responsible for investigating all structure fires, suspicious fires, and fires resulting in injury and/or death. These investigations are done for the purpose of preventing fires and identifying common risk factors. Bloomfield Township has a fire investigation team of four members. Three are fire department employees and one is a police detective. All four investigators have had special training and attend continuing education classes on fire investigation. In 2010, the Fire Marshal Division conducted twenty-six cause and origin investigations. This compares to twenty in 2009. There were five fires determined to be maliciously and deliberately set in 2010. Estimated property damage for all incidents in 2010 totaled \$2,957,333.00.

In 2010, there were seven reported injuries to firefighters in the line of duty and one civilian injury. This compares to two firefighter line of duty injuries and zero civilian injuries in 2009. There were no fire related deaths reported in 2010.

The Bloomfield Township Fire Department looks forward to meeting the challenges that we will face in the coming year and will continue to strive for excellence while serving the community.

Thank you for your continued support.

Respectfully submitted,
Michael J. McCully
Fire Marshal



Mike McCully
Fire Marshal
23.9 Years of Service

2010 Inspections & Plan Reviews

<u>Type of Inspection</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
<i>Annual</i>	288	216	285
<i>Change of Occupancy</i>	70	35	69
<i>Complaints</i>	22	36	43
<i>Final Building</i>	39	63	96
<i>Fire Alarm Acceptance</i>	10	11	24
<i>Fire Suppression Acceptance</i>	17	7	42
<i>Fire Works Site Inspections</i>	0	1	5
<i>Hood Suppression Acceptance</i>	3	3	7
<i>Knox Box Installation</i>	29	24	38
<i>Pre-Construction Inspections</i>	0	3	7
<i>Reinspections</i>	729	526	1107
<i>Site Inspections</i>	27	37	62
<i>Special Event Inspections</i>	0	32	48
<i>Total</i>	1234	994	1833

<u>Plan Reviews</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
<i>Fire Alarm Plan Review</i>	12	11	21
<i>Fire Suppression (Clean System)</i>	0	0	0
<i>Fire Suppression Plan Review</i>	17	4	26
<i>Hood System Plan Review</i>	6	1	8
<i>New Construction Plan Review</i>	78	139	133
<i>Site Plan Review</i>	55	114	105
<i>Special Event Plan Review</i>	20	59	63
<i>Total</i>	188	328	356



HYDRANT
The following information
should be maintained for
each hydrant:
1. Location
2. Capacity
3. Pressure
4. Elevation
5. Date of last inspection
6. Name of responsible
person
7. Remarks
8. Date of next inspection
S.A. CONRAD
NATIONAL
FIRE PROTECTION
1-800-777-7777

D

D

D

W

W

D

MAIN DRAIN

MAIN DRAIN

TARGETS
ATTN: FIRE MARSHAL
Notification Card

2010 Open House



With the completion of the new Central Fire Station in late 2009, this year's Open House was greatly anticipated. This was the first Township Open House since 2007, after which construction began on Central Fire Station in 2008.

October 10th turned out to be a perfect day for the 2010 Bloomfield Township Open House. The weather was inviting and people gathered at the new fire station to see the wonderful renovations that had taken place.

Each year the National Fire Protection Association (NFPA) emphasizes a new safety theme for Fire Prevention Week. The 2010 safety message was "Smoke Alarms: A sound you can live with." This theme stresses to people the importance of having functioning smoke detectors on every level of their home.

Guests had an opportunity to witness and participate in the fire department demonstrations throughout the day. Residents also learned of the many emergency services we provide. It also afforded an opportunity for residents to talk one on one with fire professionals and get answers to many important fire safety and injury prevention questions.

The Open House also offered many fun and exciting activities for all ages. Fire safety exercises such as, stop, drop & roll, stay low & go, and a trip through the Safety Smoke House were some of the popular stations. These exercises helped reinforce what people should do in an actual fire emergency. Other activities for children included a firefighter dress up station, picture taking with Sparky the fire dog, spraying a fire hose, miniature fire truck train rides, and sliding down the 15' fire truck slide. Children also received handouts such as plastic fire helmets, badges, coloring books, and crayons.



Lt. Peter Vlahos
Fire Inspector
14 Years of Service

A live fire demonstration of an actual room and contents showed typical fire behavior characteristics such as fire spread rate and temperature intensity. Fire department personnel responded to extinguish the fire and perform overhaul procedures to check for any extension.

There were many additional exhibits on hand. The BTFD Emergency Medical Services (EMS) Division displayed life saving equipment such as the Automated External Defibrillators (AED), respiratory therapy devices, advanced cardiac life support (ACLS) equipment, Life Pak 15 cardiac monitors, and other emergency medical equipment that is used on a daily basis. The vehicle extrication display allowed visitors to observe how firefighters extricate trapped victims in vehicle accidents using the “Jaws of Life” hydraulic rescue tools. We also had a visit from the University of Michigan’s Survival Flight Helicopter.

As we move into 2011, The Bloomfield Township Fire Prevention Division looks forward to continuing these public education events. The Open House event connects the Township’s residents and their families, with our important message of fire safety.

Thank you for your continued support.

Respectfully submitted,
Peter Vlahos
Lieutenant / Fire Inspector

2010 Special Needs Open House

In cooperation with the Down Syndrome Guild of Southeast Michigan (DSGSEMI), the Bloomfield Township Fire Department hosted its first ever Special Needs Open House. This event was a personal Open House for people with Down Syndrome and their families. Our goal was to make this as enjoyable and relaxing as possible for all that attended. We feel that the day turned out to be a most memorable one for everyone that participated.

There were many activities for all to enjoy including, stop, drop & roll, stay low & go exercises, fire fighter dress up stations, fire truck rides, Safety Smoke House tours, and spraying a fire hose. Sparky the fire dog was on hand to play with the children.

Children also received fire helmets, coloring books, and crayons. And for those that worked up a thirst or appetite, a light refreshments table was available for them to enjoy.

The smiles that we witnessed throughout the day were priceless. It was a special day for all those involved. The Bloomfield Township Fire Department hopes that the families that attended this special open house enjoyed themselves as much as we did hosting it. Thank you for brightening our day!

We would like to continue this personal open house event with other special needs groups in the future.

Respectfully submitted,
Peter Vlahos
Lieutenant / Fire Inspector



2010 Fire Safety & Injury Prevention School Program

2010 marked the 5th year for the Bloomfield Township Fire Department Fire Safety and Injury Prevention School Program. Nearly 300 children participated in the program in 2010. Since the inception of the program in January of 2006, over 1750 second grade students have taken part in the program.



Lt. Peter Vlahos
Fire Inspector
14 Years of Service

The Fire Safety and Injury Prevention School Program covers a nine-week span and includes all of the second grade classes within the Bloomfield Hills School District. Classes are taught in the classroom by fire department personnel. Each student receives a workbook that includes lessons and activities to promote participation. The curriculum includes the National Fire Protection Association's (NFPA) Risk Watch outline and other fire department displays. The NFPA's Risk Watch curriculum includes topics such as: motor vehicle and bus safety, fire and burn prevention, choking and strangulation prevention, poisoning prevention, fall prevention, bike and pedestrian safety, water safety, and boat safety.

Each nine week session includes visits from the University of Michigan Trauma and Burn Center's Hazard House and the fire department's Safety Smoke House. The Hazard House is a large table top model that is used to help students identify common household hazards. The Safety Smoke House is a large enclosed trailer equipped with bench seating, a mock bedroom, kitchen, and fire detection systems. It can be filled with non-toxic theatrical smoke to help children practice escaping from a "smoke filled" house.

Three tests are administered to the students to gauge the effectiveness of the program; a pre-program test, a post program test, and a follow up test. The pre-program test provides a baseline of current fire and injury prevention knowledge. The post program test measures what they have learned after the program instruction. The follow-up test is given to the students the following school year, after entering third grade, and measures what they were able to retain from the previous school year. In 2010, the average pre-program student score was 67.9% and the post program score rose to 85.1%. That is an increase of over 17%!

The Bloomfield Township Fire Department strives to offer the most innovative fire safety and injury prevention programs available. We are committed to our public education program and look forward to continuing it in the future. We would like to thank the Elected Officials and Board of Trustees of Bloomfield Township for their continued support with this valuable safety program as we look forward to its continued success in the future.

Respectfully submitted,
Peter Vlahos
Lieutenant / Fire Inspector



2010 Hydrant Report

Fire hydrants are an integral part of a fire suppression system. The Bloomfield Township Fire Department has an extensive fire hydrant program that is designed to maintain the hydrants in top working order, to ensure the preservation of property and safety of our citizens, and to assure optimal performance of our hydrants when needed in a crisis.

The hydrant program includes:

During the Spring and Summer months:

- Painting the hydrants on a regular rotation to help increase visibility.
- Clearing the hydrants of any vegetation that may interfere with the visibility or proper operation of the hydrant.

During the Fall months:

- Operating one quarter of the hydrants to make sure all hydrants are in working order.

During the Winter months:

- Checking all hydrants for standing water in the barrel; this could freeze and render the hydrant inoperable. These hydrants are immediately pumped dry.
- Locating and shoveling hydrants during snow emergencies.

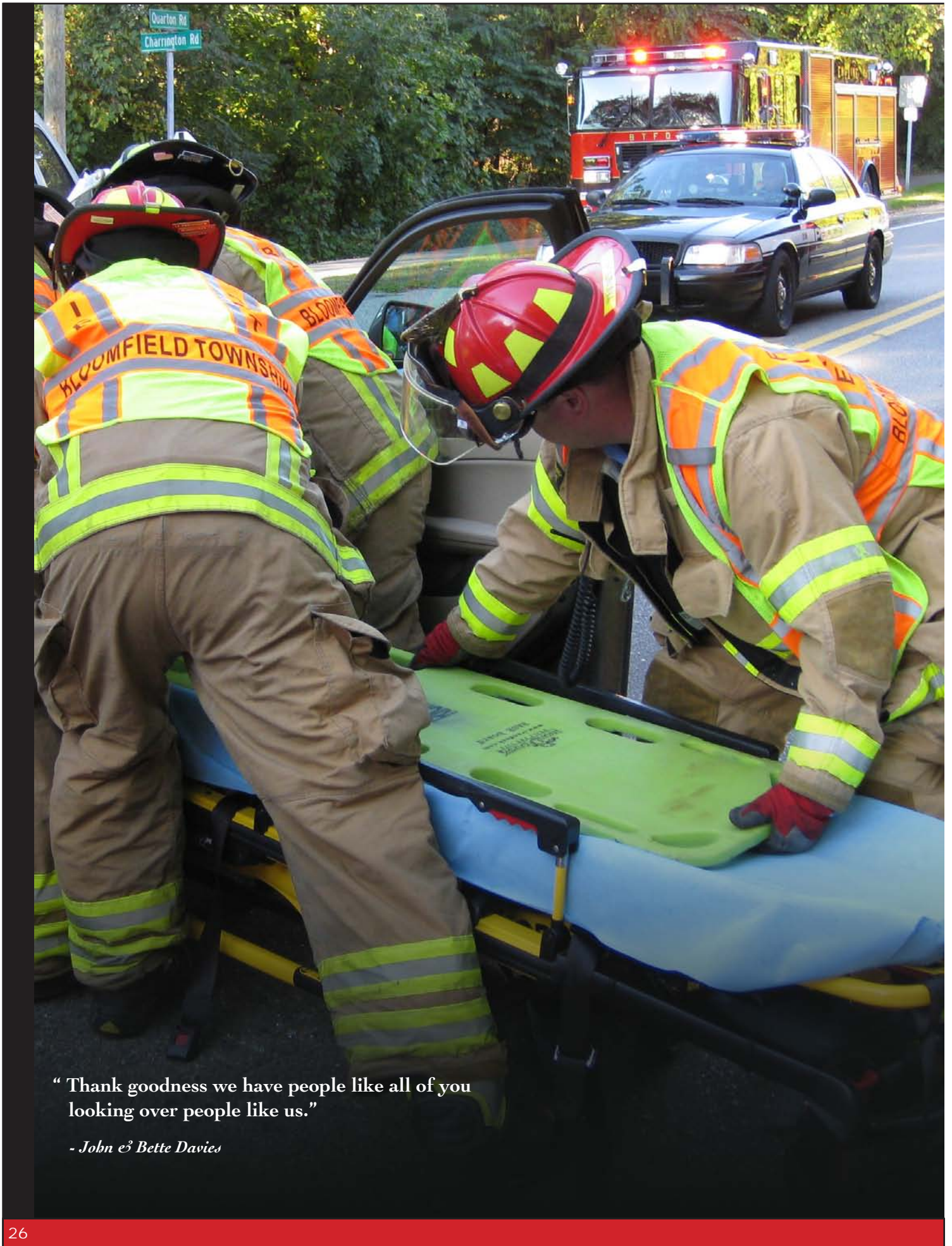
In 2010, a total of over 1,000 hours were committed to ensuring the reliability of the nearly 3,000 fire hydrants located in Bloomfield Township.

The fire department will continue to operate and maintain the Township's fire hydrants in 2011 to assist our department in its fire suppression efforts.

Respectfully submitted,
Mike Cummings
Fire Captain



Mike Cummings
Captain
30.3 Years of Service



“ Thank goodness we have people like all of you looking over people like us.”

- John & Bette Davies

2010 Emergency Medical Services Report



Lt. Mike Morin
EMS Coordinator
24.2 Years of Service

“Strive not to be a success, but rather to be of value.” - Albert Einstein

The EMS Division continued to improve our service to the citizens of Bloomfield Township in 2010. The implementation of EMS transport beginning January 1, 2010 was seamless and added revenue of over \$800,000 dollars to Bloomfield Township. In our attempt to offer the most effective EMS services possible, our fire department submitted and received a grant award from the Assistance to Firefighters Grant (AFG) in the amount of \$114,750 dollars. This grant afforded our department the ability to upgrade vital equipment and improve our EMS capabilities. With these funds, BTFD purchased five 12-lead Electrocardiogram (ECG) monitors and five Panasonic Toughbook laptops for electronic patient care reporting. Additionally, the grant included tuition fees for six firefighters to attend the paramedic academy. Three firefighters have already completed the academy and three are currently attending. The paramedic training consists of over 1100 hours of classroom and clinical experience.

We increased the life saving capabilities of our paramedics with a device known as CPAP (Continuous Positive Airway Pressure) for the treatment of Congestive Heart Failure (CHF) and respiratory distress. This equipment was funded by a H1N1 influenza grant through Oakland County Medical Control Authority (OCMCA). Studies show this device will not only help reduce mortality of these critically ill patients but also reduce hospital cost and recovery time. We staffed our busiest fire engine with paramedics and Advanced Life Support (ALS) equipment. This will help put the highest level of EMS care on scene quicker in our busiest response area.

The total number of EMS runs for 2010 topped out at 2418, making up 64% of the fire departments total runs of 3749. This is an increase of 16% (330 EMS runs) over 2009 and a 21% (421 EMS runs) increase since 2005. The non-emergent needs (citizen assists) of Bloomfield Township residents continue to grow (up 36% in 2010). These needs include lift assistance, wheel chair assistance, welfare checks, etc.

The EMS Division continues to support and train our citizens by providing community public education and awareness through CPR classes, lectures at assisted living facilities, Bloomfield Township businesses, and the Bloomfield Township Senior Center. The File of Life program provides EMS responders with medical information that is completed by the homeowner and visibly placed in the home, for use in the event of an emergency. The increased public access to Automatic External Defibrillators (AED) has also proven valuable, saving the life of a golfer after suffering a cardiac arrest. These defibrillators are located in area businesses, the library, police cars, and other Bloomfield Township owned buildings. At the 2010 Township Open House, the EMS Division, along with help from Saint Joseph Mercy-Oakland Hospital, provided education to visitors on geriatric emergencies and stroke recognition.

The Bloomfield Township Fire Department and its EMS Division look forward to finding new ways to give back to the community. The EMS Division will also work to increase the understanding of emergency services and the value it provides to the residents, business owners, and visitors of Bloomfield Township.

Respectfully submitted,
Michael Morin
Lieutenant / EMS Coordinator

2010 Annual Report

EMS Provider Impression Summary

Impression	No. of Instances	% of Total
Traumatic injury	601	24.21%
Chest / abdominal pain	323	13.01%
Altered level of consciousness	167	6.73%
Airway emergencies	195	7.86%
Syncope / fainting	159	6.41%
Abdominal pain / problems	133	5.36%
Behavioral / psychiatric disorder	98	3.95%
Diabetic symptoms (hypoglycemia)	93	3.75%
Seizure	80	3.22%
Stroke / CVA	71	2.86%
Cardiac emergencies	41	1.65%
Cardiac arrest	38	1.53%
Poisoning / drug ingestion	32	1.29%
Obvious death	20	0.81%
Allergic reaction	14	0.56%
Pregnancy / OB delivery	7	0.28%
Hypovolemia / shock	4	0.16%
Nausea / vomiting	4	0.16%
Vaginal hemorrhage	3	0.12%
ETOH abuse	3	0.12%
Stings / venomous bites	2	0.08%
Hypotension	2	0.08%
Electrocution	1	0.04%
Sexual assault / rape	1	0.04%
Diabetic hyperglycemia	1	0.04%
General illness	522	21.02%
Total	2,482	



“ On June 1st my husband had a heart attack.
You were here in minutes and saved his life.
You guys are awesome!!!
Thank you.”

- Lynda



2010 Bloomfield Village Fire Chief Report

The Bloomfield Village Fire Department continues to provide fire services for the Bloomfield Village Association as a volunteer organization of village residents. The Village Fire Department is staffed by 17 volunteer firefighters and a full time/paid Deputy Fire Chief. Our department operates one Fire Engine and one four wheel drive utility vehicle from the Village Fire Station, which is located at 3595 Broadway.



Jeff Kern
Village Fire Chief

The Village Fire fund budget is authorized by a Special Tax Assessment District. These monies are billed by Bloomfield Township in the Winter Tax Statement to all properties in the Birmingham school District No. 34. These funds are tax deductible for those residents. This includes the Bloomfield Village Association members comprised of 988 parcels of land.



Ted Gauthier
Deputy Fire Chief

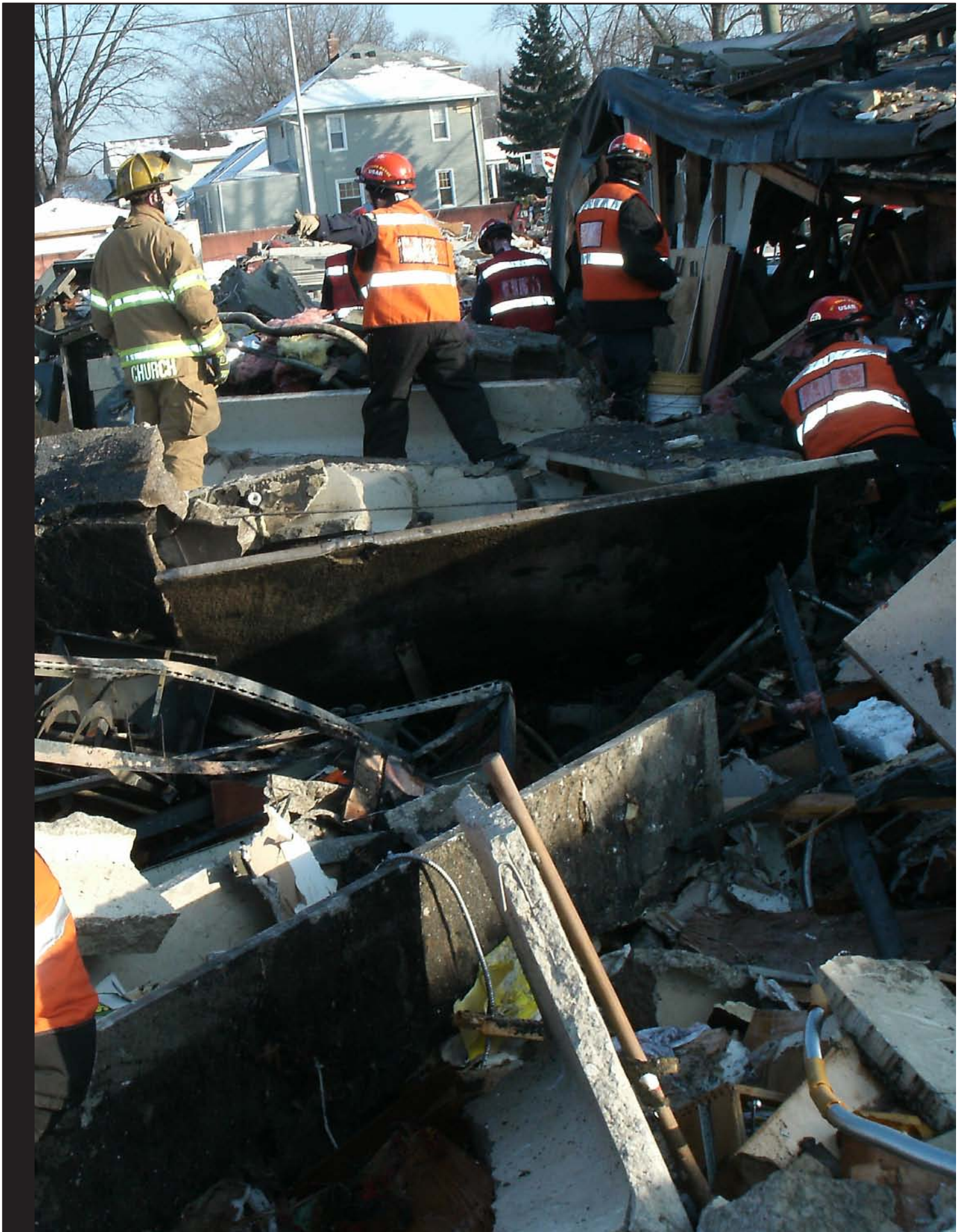
The Village Fire Department supports and assists the Township Fire Department. We continue to follow the policies and procedures of their department. Our volunteer firefighters meet on a regular basis to train and keep current with the state qualification requirements. These requirements include our annual CPR and emergency vehicle operation certifications. In 2010, one of our main goals was for our new recruits to pass the Firefighter I and Firefighter II certification exams and earn active firefighter status. After many months of training and assistance from the Bloomfield Township Fire Department, all three of our provisional firefighters passed this rigorous test and moved to active firefighter status. This brings the number of certified active volunteer firefighters in Bloomfield Village to 14.

We are also happy to report that three additional village residents joined our department this year and are training to pass their certifications in 2011. This brings the total number of volunteer firefighters in the Bloomfield Village Fire Department to 17, the highest number in over a decade.

Once again, I would like to thank Fire Chief Dave Piche' and the Bloomfield Township Fire Department for their assistance with training, helping to maintain our equipment, and leadership at many different levels.

The Village Fire Department continues to work very hard to provide public service activities to the residents. We encourage our neighbors to contact the Village Fire Department if they have questions about fire safety or with suggestions to help us serve the community better.

Respectfully submitted,
Jeffrey Kern
Bloomfield Village Fire Chief



2010 Emergency Management Division Report

In 2010, the Bloomfield Township Emergency Management program continued to evolve as the demands and requirements of the program continue to change.

Our 2010 exercise focused on damage assessment. It was conducted on May 11, 2010 and was a great success due in large part to the efforts of the Exercise Design Committee that was developed last year. The exercise scenario was a tornado that struck the southwest corner of the Township. The damage assessment field teams were set-up in the fire department classroom and phoned in their damage assessment reports to the annex holders in the Emergency Operations Center (EOC), who then plotted the damage on maps and prepared a damage assessment report for the State.

Many hours were spent training in 2010 in an effort to increase and sharpen our skills as well as become compliant with the National Incident Management System (NIMS) requirements. Bloomfield Township was able to train 18 of our middle managers in NIMS with grant funding. NIMS is the command and control system that will be used to provide order and a command structure to large and small scale incidents alike. Middle managers who completed their training were from the Police, Fire, DPW, and Engineering & Environmental Departments.

Lt. Mark Martinez, from the Michigan State Police Homeland Security Division, also provided two in-house training classes. This training included Damage Assessment training that was planned to coincide with our 2010 Exercise and E-Team Training. E-Team is the program that links various communities and the State Emergency Operations Center together in the event of an emergency.

Whether at the Federal, State, or Local level, Emergency Management will continue to develop and improve with each new weather pattern and each new threat against our homeland. Emergency Management planning is dynamic by nature. Bloomfield Township Emergency Management is no different; we will continue to evolve and improve to ensure that our Emergency Management Program meets the individual needs of our community and provides the best planning, prevention, and security possible for our citizens.

Respectfully submitted,
Michael J. McCully
Fire Marshal



Mike McCully
Fire Marshal
23.9 Years of Service



2010 HAZMAT Report



Alan VanHeck
Lieutenant
15 Years of Service

Firefighters receive training in how to handle many different types of emergencies. Some of the most common emergencies we experience are medical emergencies, traumatic accidents, and various types of fires. The fire department also responds to less common emergencies some of which are hazardous materials incidents. All Bloomfield Township firefighters are trained to handle these incidents at an Operations level in a “defensive” manner. Due to the complex nature of some of these Hazardous Materials emergencies, the Bloomfield Township Fire Department has a group of firefighters trained above the Operations level. These individuals are referred to as Hazardous Material Technicians and they are trained to respond in an “offensive” manner to quickly mitigate these emergencies.

Each year these Hazardous Materials Technicians attend many specialized trainings to maintain their skill levels including monthly training with other Oakland County Haz-Mat personnel and the Environmental Protection Agency (EPA). They also take part in an annual hazardous material scenario. Our 2010 scenario was held in Waterford and was a simulated terrorist plot to poison the community by stealing and releasing chlorine into the environment. Bloomfield Township also had four Haz-Mat Team members attend the strenuous weeklong Advanced Chemical and Biological Response program held at Dugway Army base in Utah. This program is an in-depth class on how to respond to many different types of terrorist attacks. All four team members received Federal grants to cover all expenses for this training.

The Bloomfield Township Fire Department responded to 91 Hazardous Materials incidents in 2010, including one of the worst Hazardous Materials disasters in this states history, which occurred in Marshall, Michigan. Approximately one million gallons of oil was released into the Kalamazoo River. The Bloomfield Township Fire Department sent two team members to help with the clean up when the EPA asked for assistance. These two members spent three days on scene helping with many different aspects of the cleanup efforts.

The Bloomfield Township Fire Department Hazardous Materials Team looks forward to staying prepared and well-trained in the coming year. With the support of our Chief and the Township Board we are confident in our ability to keep the citizens and visitors of Bloomfield Township safe.

Respectfully submitted,
Alan Van Heck
Lieutenant/ Haz-Mat Coordinator



2010 Technical Rescue Report

Technical Rescue incidents do not happen often but when they do they require the use of specialized equipment and additional knowledge. The Bloomfield Township Fire Department has the necessary equipment and trained manpower to respond to Technical Rescue Emergencies.

Fortunately, no Technical Rescue incidents occurred in Bloomfield Township in 2010. Although, members from our Technical Rescue team did respond to the request for help from two neighboring communities in 2010. In July, the City of Detroit requested assistance for a trench collapse with a man trapped. Four team members from Bloomfield Township responded along with team members from other departments in Oakland County. Near the end of the year an explosion destroyed a large furniture store in the City of Wayne. Two members of our department responded along with personnel from our mutual aid communities. They worked to stabilize parts of the structure and locate the missing victims. Experience and knowledge gained at these two emergencies was brought back and shared with those that did not respond to better prepare our department in the event something occurs within Bloomfield Township.

To gain the additional knowledge needed to safely and effectively handle Technical Rescue emergencies, team members attended numerous classes. Two team members went to Rope Technician training, the highest level of training in rope rescue. Two team members also attended an enhanced confined space class, learning the use of airline supply equipment used in deeper more complex confined space rescues. One team member participated in a collapse exercise in the city of Westland where a simulated tornado strike had destroyed a multi-family dwelling with simulated victims inside. Team members also trained with Michigan Task Force One, a regional team comprised of over a hundred individuals. This team is available to respond anywhere in the State of Michigan for a rescue incident. Members spent several days learning new equipment and setting up a base of operations. Training included shoring for collapsed structures, cutting steel with torches and concrete with saws.

Annual confined space training is required by Michigan Occupational Safety and Health Administration (MIOSHA). Using the new pump test pit behind our Central Fire Station, crews went through several simulated responses to remove a victim. Scenarios involved the initial response crew beginning operations and then the arrival of additional manpower and specialized equipment. The department also trained in initial actions at a trench collapse. These are the steps necessary to prevent any additional injuries and ensure the safety of emergency responders.

In 2010, the ability of the Bloomfield Township Fire Department to deal with Technical Rescue emergencies increased because of training within the department, training outside the department, and because of experience gained from actual emergencies. As always, each member of the Technical Rescue Team is proud to have been given the opportunity to gain this special knowledge and to put it to use in service to Bloomfield Township.

Respectfully submitted,
Ron Nancarrow
Lieutenant / Technical Rescue Team Coordinator



Ronald Nancarrow
Lieutenant
27.6 Years of Service



2010 Community Emergency Response Team Report

The Community Emergency Response Team (CERT) consists of about 40 active members. Each member is a resident of Bloomfield Township and volunteers their time with CERT. CERT is available to assist Township personnel in a multitude of ways during emergencies, planned events, or whenever the need arises. Sometimes this means getting out of a nice warm bed in the middle of the night to work in the cold or working in the middle of the day when the sun is high and temperatures are in the 90's. Such is the calling of the CERT members and they are dedicated to it. That's the way it is with emergency response, you never know when you will be needed or what the conditions may be. In fact, severe weather is often the reason for the emergency and the working conditions are treacherous.

CERT members must be prepared both to respond at a moments notice and also to lend a hand when they arrive on scene. Members initially received 20 hours of specialized training to help them be prepared and keep them safe while assisting. As with anything, if you don't keep current with the training, it is possible to forget things and your preparedness declines. That is why the CERT members train at least every other month. In 2010, the team trained 21 hours throughout the year. The training sessions included directing traffic, traffic safety, search and rescue techniques, incident command, first aid, teamwork, missing children, CPR / AED's, emergency radio communications, accountability, shoring, and extrication.

The team was not called out for any emergencies in 2010 but assisted in many of the planned events around the Township. Members assisted the Clerk's Office during elections. The team assisted the Department of Public Works with their semi-annual Hazardous Materials drop-offs and the Senior Center with some of their events. In August, they assisted during the Woodward Dream Cruise and in October they participated in the Bloomfield Township Open House.

Between trainings and assisting with the planned events, all in all, 2010 was a busy year. It takes dedication and commitment to volunteer this much time and effort and maintain a state of constant readiness. The team looks forward to serving the citizens of Bloomfield Township in 2011 whenever needed. The team members love the community and enjoy contributing to making Bloomfield Township a great place to live, work, play, and visit.

If you see a CERT member remember to thank them for all they do!

Respectfully submitted,
Lyal Bigger
Assistant Chief / CERT Coordinator



Lyal Bigger
Asst. Fire Chief
26.9 Years of Service



2010 Charities Report

The Bloomfield Township Fire Department (BTFD) Charities works year round developing, organizing, and hosting many fundraising events. The BTFD Charities utilize the funds raised to support our mission of aiding burn treatment research, juvenile arson prevention, and assistance to local individuals in need, as well as community based assistance programs. The BTFD Charities is dedicated to assisting and serving the public, as well as members of the fire profession, in ways that are beyond the normal scope of the fire service.

This year was an eventful one for our organization. Here are some of the highlights from 2010 accomplished through the generous donations we received:

Gifts:

- This fall the BTFD Charities were proud to donate \$5,000.00 to four Detroit firefighters that were severely injured in a building collapse. These four firefighters will be unable to return to work due to their devastating injuries.
- In April, the BTFD Charities was, once again, proud to sponsor a \$1,000.00 scholarship given annually to one of the Bloomfield area's fine young students at the Bloomfield Youth Guidance Awards dinner.
- In December, the BTFD Charity teams with the Bloomfield Hills Optimist Club to support their Children's Wish Program. This joint venture has provided gifts to hundreds of Oakland County children to give them a taste of the holiday spirit. The BTFD Charities once again kicked in \$2000.00 for the purchase of gifts. Each year you will also find our members and their families donating gifts and time, doing holiday shopping, wrapping and delivering gifts to those in need.

Fundraisers:

Throughout the year the BTFD Charities puts on many events to raise money for our various causes. This year's events included

- Our 24th annual Golf Outing at the Wabeek Country Club in May.
- A Bowling Fundraiser in Sterling Heights.
- A Pool Tournament at the Shark's Club in Waterford.
- The annual Polar Bear Plunge.
- The annual Bloomfield Classic held during the Dream Cruise event.
- Several Poker Night fundraisers at the Shark's Club in Waterford.

Several times each year the BTFD Charities send our members to the University of Michigan to help present the Straight Talk Program. This program was developed to help teach juvenile fire-starters the dangers involved in setting fires; the dangers to themselves, to the firefighters and to the community.

Throughout the year the BTFD Charities not only supports the above mentioned events but also supports many individuals, families, and organizations that show specific needs. In 2010, the BTFD Charities donated more than \$18,000.00 to charitable causes.

Respectfully submitted,
Mike Cummings
President BTFD Charities



Mike Cummings
Captain
30.3 Years of Service





The Bloomfield Township Fire Department would like to recognize and express our gratitude to firefighters Scott Collins, Ryan Husch and John LeRoy for their diligence and creativity in helping to develop the 2010 Fire Department Annual Report.

