

2016 Annual Report

Bloomfield Township Fire Department





2016 FIRECHIEF REPORT



Dave Piché
Fire Chief

The members of the Bloomfield Township Fire Department are pleased to offer you this Annual Report for the year ending December 31st, 2016, for your consideration.

In 2016 the firefighter/paramedics of the Bloomfield Township Fire Department responded to 5,626 calls for service. This compares to the 5159 calls for service that the Department responded to in 2015. This 8.4% increase in call volume continues the year to year trend of an increased need for the services of the Fire Department and represents the busiest year in the history of our Department. Moving forward into 2017, the Fire Department will anticipate another year in which the need for the services of the Fire Department will continue to rise. We will continue to analyze and evaluate the operations of the Fire Department to ensure that it will always meet the needs of the residents of Bloomfield Township.

2016 also saw the continuation of the Remote Specialist Visiting Physician (RSVP), Community Paramedicine program. This is a program conducted in partnership with St. Joseph Mercy Oakland Hospital that provides in home health checks once a patient has been released from the hospital. Using the Paramedics of the Fire Department and a Physician from the hospital using video conference technology, a visit is conducted with the patient to provide any assistance the patient may need, to help ensure that the patient is progressing and will not need to be readmitted to the hospital. I am proud to say that the Bloomfield Township Fire Department is still the only Fire Department in the State of Michigan to be providing a service of this kind. This program has led to a 100% satisfaction rate from the residents of Bloomfield Township that have participated in the program. Recently, the BTFD and St. Joseph Mercy Oakland Hospital received the Innovations in Technology Award for using technology in medicine. Moving forward into 2017 this program will continue to change the way health care is provided in the State of Michigan and continue to shape the future of EMS.

In September the Fire Department was awarded a \$23,589 fire prevention and safety grant. This grant was written with the purpose to ensure that residents with hearing difficulty are safe and alerted in the event of a fire. The Department has begun to install a smoke detector that is different from the standard smoke detector. These detectors are wireless, have an audible alert, provide a strobe light and are attached to a bed shaker alarm. This is done to alert the resident, who has difficulty hearing and may be sleeping at the time of a fire. Any resident that has hearing impairment can contact the Fire Department to schedule having one of these smoke detectors installed free of charge. This grant continues the tradition of successful grants that the Fire Department has been awarded in recent years. Through the efforts of the personnel of the Fire Department over 1.33 million dollars in Federal Grants have been awarded since 2000.

As can be seen throughout this report, our Fire Department has had an extremely busy and productive year. Through the dedication and efforts of our personnel, the Bloomfield Township Fire Department has become a leader in training, innovation and technology in the State of Michigan. Without the members of the Bloomfield Township Fire Department none of this would be possible. I offer my sincere appreciation to the personnel for all of the hard work, dedication and professionalism that they have shown throughout the year. I also wish to thank the Board of Trustees for their continued support of the Bloomfield Township Fire Department.

Respectfully Submitted
Fire Chief Dave Piché



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2016 FIRE DEPARTMENT ADMINISTRATION

Dave Piché
Fire Chief
31.7 Years of Service



Mike Morin
Asst. Fire Chief
30.2 Years of Service



Peter Mahos
Fire Marshal
20 Years of Service



Capt. Chris Whitehead
EMS Coordinator
29.4 Years of Service



John LeRoy
Operations Officer
15 Years of Service



Lt. Doug Brown
Fire Inspector
36.7 Years of Service



Lt. Kenneth Kowalski
Fire Inspector
21.4 Years of Service



Pat Simonian
Administrative Assistant
23.5 Years of Service



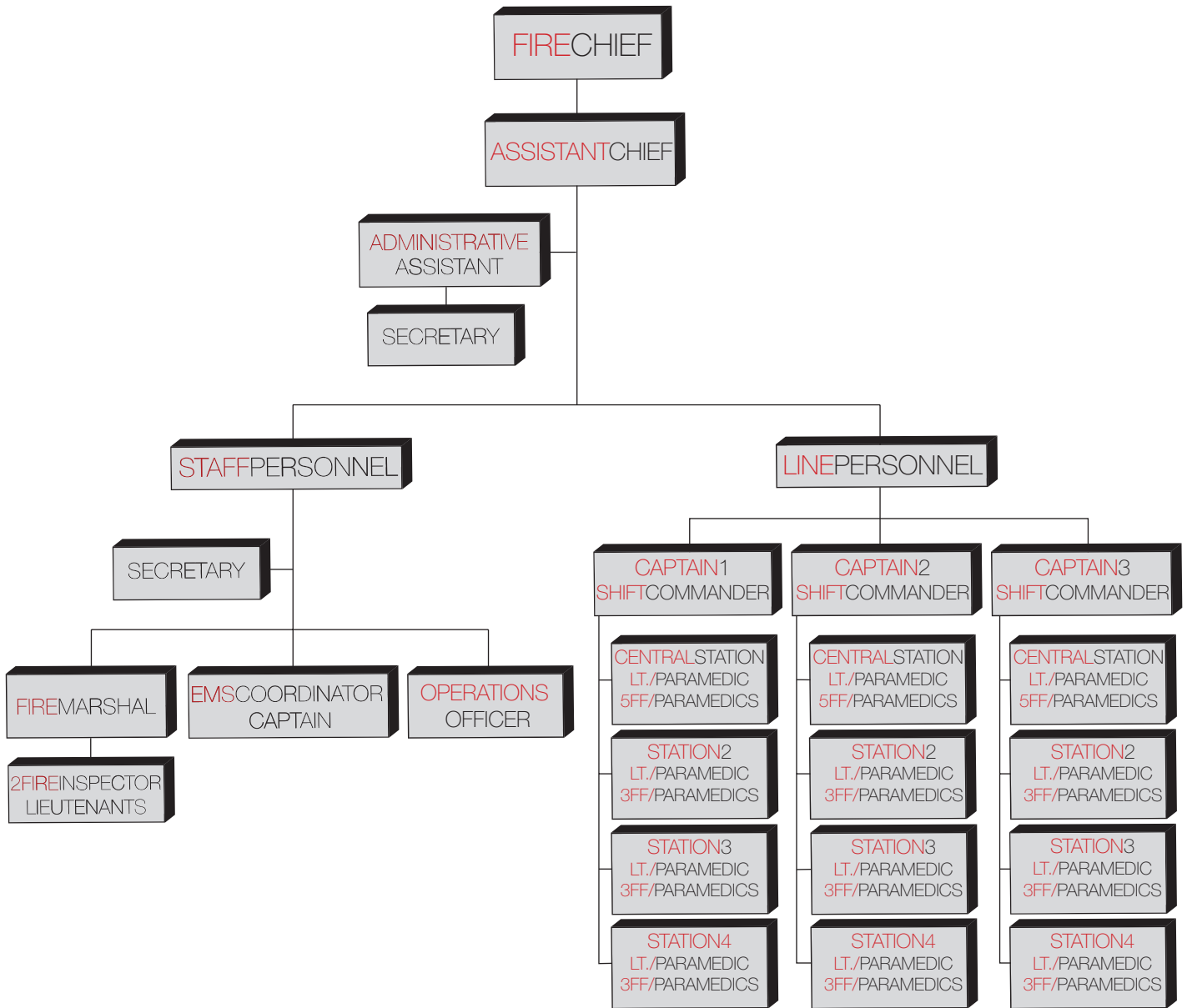
Linda Hemming
Secretary
19.9 Years of Service



Sandra Heath
Secretary
2.6 Years of Service



2016 FIRE DEPARTMENT ORGANIZATIONAL CHART

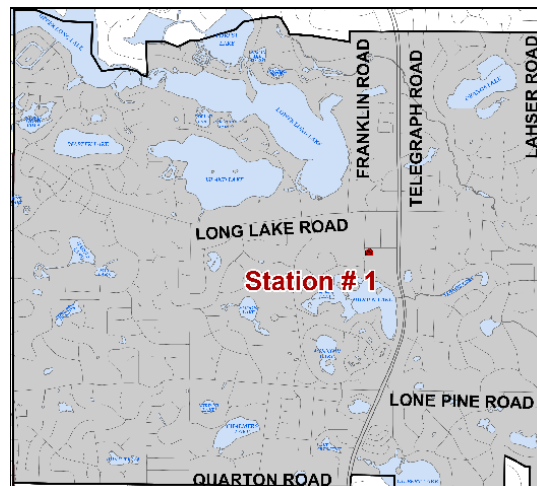


64 UNIFORMED PERSONNEL
30 CIVILIAN EMPLOYEES

2016 STATION INFORMATION

CENTRAL FIRE STATION 1

Central Fire Station is located at 1155 Exeter, in Bloomfield Township's Municipal Government Complex. It houses one Paramedic Ladder truck, one Incident Command vehicle, one Paramedic Rescue truck, one Water Rescue Boat, one Special Operations and Rescue truck (S.O.A.R.), and numerous staff and utility vehicles.



Central Fire Station serves a mostly residential area in the heart of Bloomfield Township. In addition to residences, Central Fire Station protects many well known structures such as Wabeek Country Club, Kirk in the Hills, and the Bloomfield Township Library to name a few. Central Fire Station 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 (Captain/Paramedic), one Lieutenant/Paramedic, and five additional Firefighter/Paramedics. The fire department's administrative staff, including the Fire Chief, Assistant Fire Chief, Fire Marshal, EMS Coordinator, Operations Officer, two Fire Inspectors, Administrative Assistant, and one Administrative Assistant, are also located at this station.

1,119 Incidents 328 Fire Related 296 Medicals



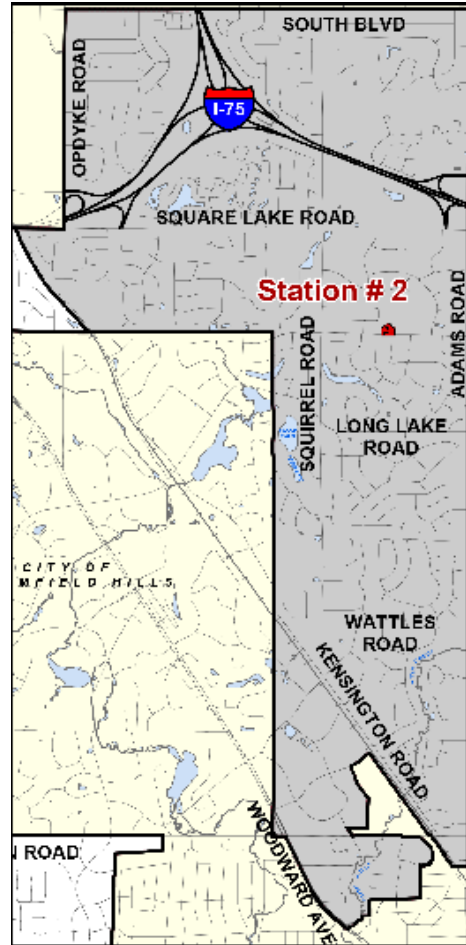
2016 STATION INFORMATION

FIRE STATION 2

Fire Station 2 is located at 1063 Westview, on the Township's northeast side. This fire station houses one Paramedic Engine and one Paramedic Rescue truck to protect its district.

A Lieutenant/Paramedic and three Firefighter/Paramedics, are assigned to this fire station. Fire 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, Sacred Heart Academy, Bowers School Farm, Oakland Community College offices, and Heartland Healthcare - Georgian Bloomfield nursing care facility.

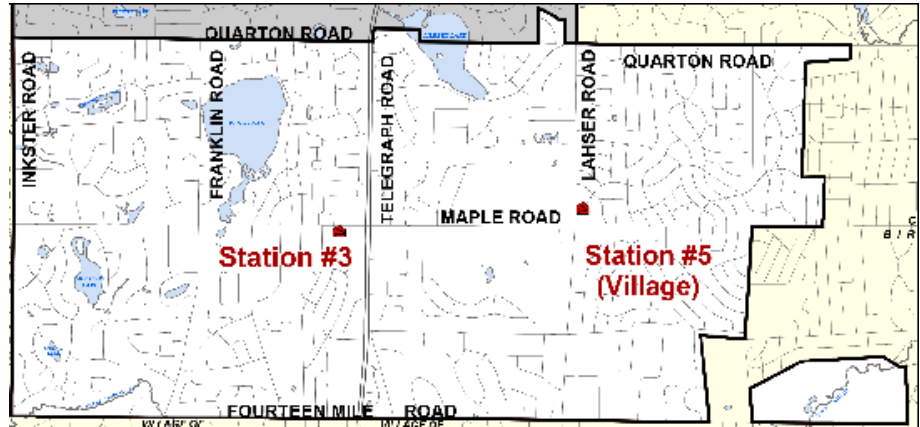


1,285 Incidents 272 Fire Related 631 Medicals



2016 STATION INFORMATION

FIRE STATION 3



Fire Station 3 is located at 4151 W. Maple on the Township's southwest side. This fire station houses one Paramedic Engine, one Paramedic Rescue truck, and one reserve Paramedic Engine.

A Lieutenant/Paramedic and three Firefighter/Paramedics are assigned to this fire station. Fire Station 3 serves a mainly residential area, including Bloomfield Village, some light mercantile and the major thoroughfares of Telegraph and Maple Roads.

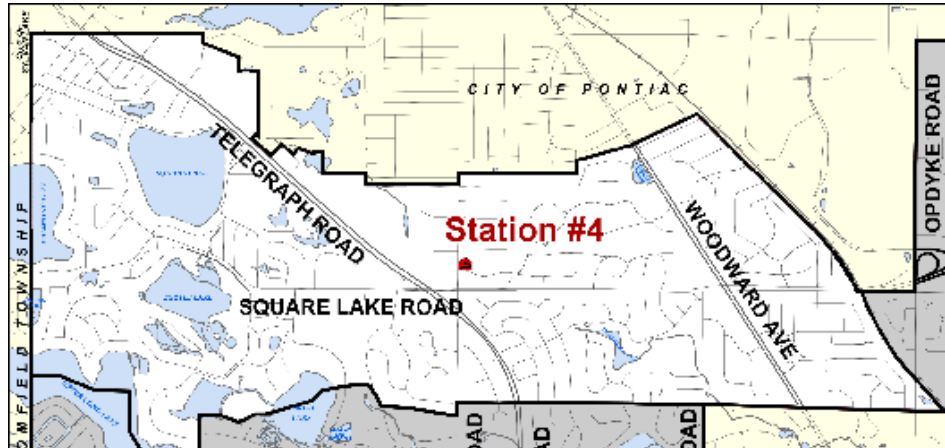
Some of the notable buildings protected by Station 3 are Oakland Hills Country Club, Franklin Cider Mill, Birmingham Athletic Club, Birmingham Country Club, Sunrise Assisted Living (South), and Temple Beth El.

1,859 Incidents 477 Fire Related 1,024 Medicals



2016 STATION INFORMATION

FIRE STATION 4



Fire Station 4 is located at 2389 Franklin Road on the Township's north side. This fire station houses one Paramedic Ladder Truck, one Paramedic Rescue truck, and one reserve Paramedic Engine. A Lieutenant/Paramedic and three Firefighter/Paramedics are assigned to this station.

Fire 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).

1,362 Incidents 287 Fire Related 743 Medicals



2016 LINE PERSONNEL

NAME	RANK	YEARS OF SERVICE
Cummings Gary M.	Captain/Paramedic	36.3
Nancarrow Ronald J.	Captain/Paramedic	33.6
Crouch David A.	Lieutenant/Paramedic	29.4
Koskinen Daniel C.	Lieutenant/Paramedic	26.7
Sesock Nicholas D.	Lieutenant/Paramedic	26.6
Fox Gary K.	Lieutenant/Paramedic	26.3
Fritz William D.	Lieutenant/Paramedic	23.2
Ross Timothy A.	Firefighter/Paramedic	21.4
VanHeck Alan D.	Lieutenant/Paramedic	21.1
Cardinale Kevin J.	Captain/Paramedic	20.6
Husch Ryan A.	Lieutenant/Paramedic	20.5
Collins Scott N.	Firefighter/Paramedic	20
Cowher Timothy J.	Lieutenant/Paramedic	18.7
Jackson Daniel A.	Firefighter/Paramedic	18.7
Chopski Joseph E.	Firefighter/Paramedic	18.7
Syracuse Joseph B.	Firefighter/Paramedic	17.7
DeRousse Matthew W.	Lieutenant/Paramedic	17.4
Keeton Nathaniel A.	Lieutenant/Paramedic	16.7
Lietz Edward J.	Firefighter/Paramedic	16.4
Valigura James A.	Firefighter/Paramedic	16.4
Schuette Kevin W.	Firefighter/Paramedic	15.9
Bailey Kevin G.	Lieutenant/Paramedic	15.6
Gahlau Robert A.	Firefighter/Paramedic	15.4
Wineski Leonard V.	Firefighter/Paramedic	15
Grunwald Jason P.	Firefighter/Paramedic	14.6
Pucci Michael A.	Firefighter/Paramedic	13.7
Overby Matthew K.	Lieutenant/Paramedic	13.6
Bartlett Jeffrey R.	Firefighter/Paramedic	13.5

NAME	RANK	YEARS OF SERVICE
Nichols Robert A.	Firefighter/Paramedic	13.2
Patterson Shaun C.	Firefighter/Paramedic	11.8
Zsido Matthew A.	Firefighter/Paramedic	8.5
Koziel Jeremy C.	Firefighter/Paramedic	8.5
Gainer Brandon R.	Firefighter/Paramedic	8.5
McGrail Joseph P.	Firefighter/Paramedic	8.5
Bradford Benjamin F.	Firefighter/Paramedic	7.9
Gibson Andrew M.	Firefighter/Paramedic	7.9
Sova Michael J.	Firefighter/Paramedic	7.7
VanHeck Cory D.	Firefighter/Paramedic	5.9
Hull Christopher L.	Firefighter/Paramedic	5.7
Ryan Kevin A.	Firefighter/Paramedic	4.6
Miller Benjamin E.	Firefighter/Paramedic	4.6
Switala Ryan A.	Firefighter/Paramedic	4.6
Jezak Cory T.	Firefighter/Paramedic	3.9
Czerwinski Casimer A.	Firefighter/Paramedic	3.9
Trudeau II Daniel J.	Firefighter/Paramedic	3.8
Morin Ryan M.	Firefighter/Paramedic	3.6
Molnar Brian A.	Firefighter/Paramedic	2.9
Sukarukoff Matt B.	Firefighter/Paramedic	2.7
Edgemon Kenneth S.	Firefighter/Paramedic	2.7
Krichiver Ryan W.	Firefighter/Paramedic	2.7
Onderbeke Craig A.	Firefighter/Paramedic	2.4
Piché Jacob D.	Firefighter/Paramedic	1.9
Phillips Adam C.	Firefighter/Paramedic	1.3
Metz Michael P.	Firefighter/Paramedic	1.2
Bertucci Christian P.	Firefighter/Paramedic	0.7

TOTAL
 LINE PERSONNEL - 57
 03 Captain/Paramedic's
 12 Lieutenant/Paramedic's
 42 Firefighter/Paramedic's

2016 RESPONSE TYPES

RUN VOLUME

Bloomfield Township Fire responded to 5,625 runs in 2016. This is over a 12% increase from 2014.

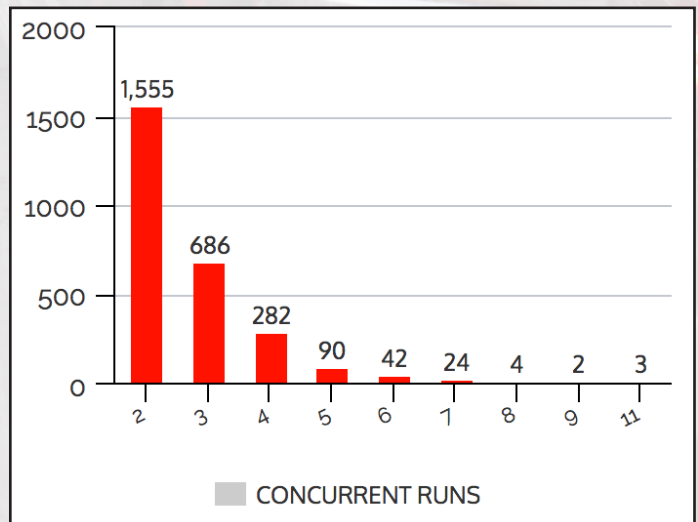
This year saw the biggest increase in service calls, other fires and carbon monoxide incidents.

Category	2016	2015	2014
Medical Emergencies	2933	3045	2963
Service Calls	1390	966	789
Miscellaneous	508	389	315
False Calls	500	501	496
Hazardous conditions	188	169	348
Structure Fires	18	29	22
Vehicle Fires	8	15	14
All Other Fires	58	24	47
Carbon Monoxide Incidents	22	17	18
Totals	5625	5155	5021

RUN VOLUME MANAGEMENT

43% percent of the runs BTFD responded to happened simultaneously with at least one other call.

In 2016, 165 emergencies were managed with 5 to 11 calls concurrently.





2016 TRAINING REPORT



Mike Morin
Asst. Fire Chief

Every Chief knows the importance of training, but also the struggles of not only getting it accomplished, but the value of making it as real as possible and cost effective. Over the last few years the Bloomfield Township Fire Department has focused on bringing that vision to life. What started with stacking used shipping containers on top of each other has turned into a training center for HazMat, Technical Rescue, Fire, EMS, and Police.

When I started 30 years ago we developed our training lecture on acetate paper run through the copy machine for display on the overhead projector. The practical training consisted of putting tables on their side in the apparatus room and wax paper in our face mask to simulate smoke, in an effort to bring realism to our search and rescue training. Well I can proudly say things have changed, and for the better.

We strive to be innovative in the way we deliver training and to develop our firefighter/paramedics and officers. Utilization of available grant money, regionalized training to reduce cost and a local training site are important resources to reach this goal.

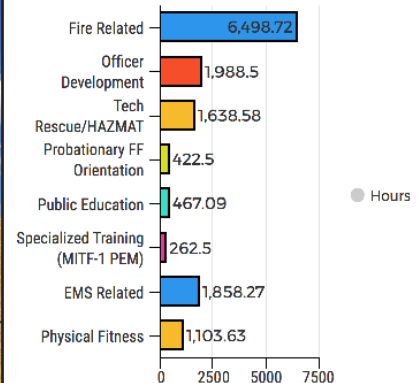
As a department we will continue to provide training for the community through the Fire Prevention Open House, through the school and senior center programs, as well as Friends and Family CPR. This provides for a strong community involvement with an opportunity for us to give back.

I tell you all of this to let you know we are humbled by the support of the community and committed to providing exceptional service to its residents and visitors, and that is a big part of providing the best level of training and preparedness to the Firefighter/Paramedics that serve them.

Respectfully submitted,
Mike Morin
Assistant Chief / Department Training Coordinator

Training Hours

In 2016, Our firefighters spent a total of just under 14,500 hours training for all types of fire and medical emergency situations.



TRAINING Center

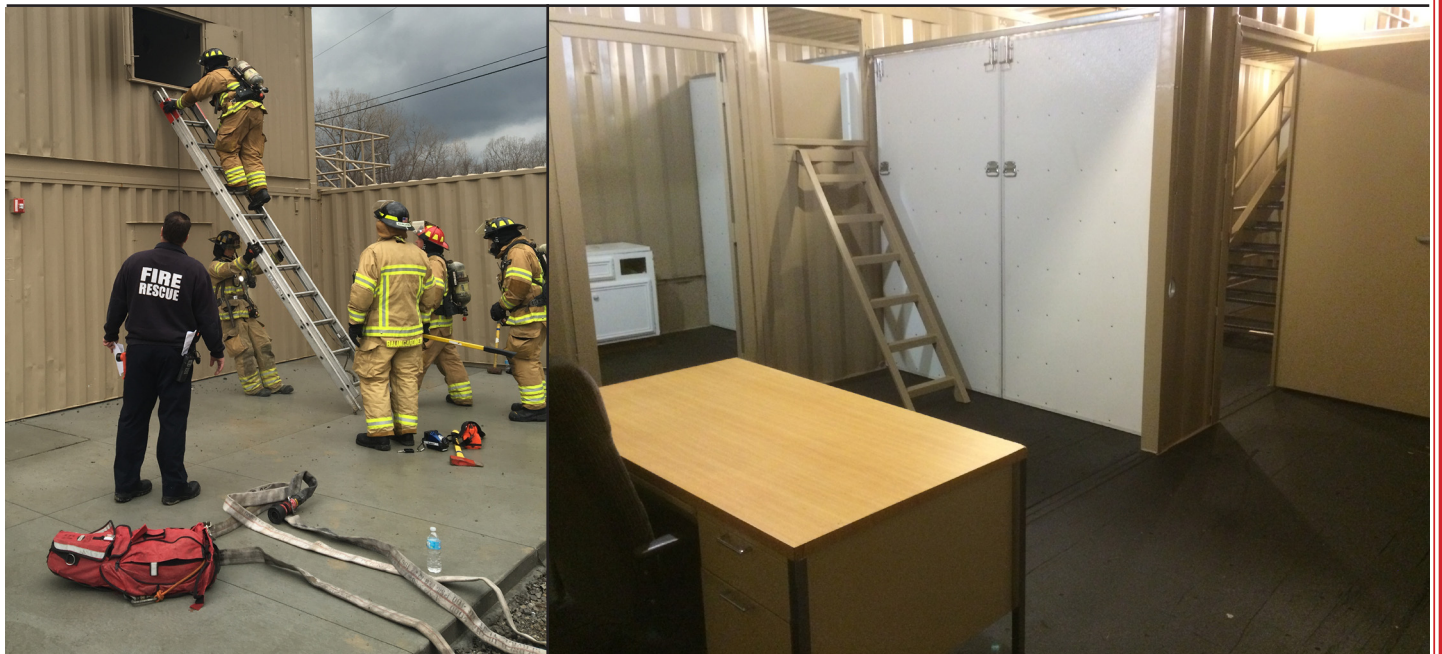


Through the hard work and dedication of the firefighters and support and vision of the Fire Chief, we now have a 3200 square foot, multi-story structure with an adjustable floor plan from single or multi-family residential to commercial office space.

A place we can set up challenging scenarios and train with charged hose lines, real smoke conditions and the challenges of searching for occupants around miscellaneous furniture.

This year alone the training site was utilized for over 1,500 hours to help develop our new firefighter skills with forcible entry, laddering techniques, ventilation, hose line advancement and self-rescue.

The police department was also able to utilize the site for various trainings involving officer safety as well.



2016 CUSTOMER SERVICE REPORT



Matt DeRousse
Lieutenant/Paramedic

"The best way to find yourself; is to lose yourself in the service of others."
- Gandhi

The Bloomfield Township Fire Department (BTFD) continues to find new ways to provide exceptional customer service to our citizen's. We are committed to our motto, "When in Doubt; Call Us Out." We want all of our residents to know that when they feel that something just isn't right, when they know they need help but they're unsure who to call; call the fire department! Our firefighters and fire officers have years of experience recognizing and fixing problems. The delivery of high quality Customer Service is in our culture at BTFD; on our rookie firefighter's first day, they learn that we provide Customer Service that is "Second to None" and quickly they adopt this positive attitude. In many cases, we may only interact with a resident once; therefore, we must get it right. Our goal is to make every situation a positive experience, especially when the circumstances are difficult and stressful for the resident.


This past year we have partnered with Senior Services and our own Fire Prevention Division so that we may grow our opportunities to interact with residents. In October, we participated in the Health Fair held at the Senior Center. This allowed us to talk with many residents and share information on services that we provide. For an example, we offer smoke detectors that are connected to a bed shaking device to alert people that are hearing impaired. Also, we handed out literature on residential Knox boxes, which is a key safe that can be secured to your home; if you have an emergency and cannot get to the door; this box allows the fire department access to your house key. The Customer Service Committee is currently working on some public service announcements that will air on the Bloomfield Community Television channel in the near future. These PSA's will address similar helpful topics.

Bloomfield Township Firefighters will be out in your community responding to all fire and medical emergencies, traffic accidents, storm damage mitigation, hazardous materials incidents and all rescue situations. We will also be in the community assisting our residents with smoke detector installations, battery replacements, home safety inspections, lift assists and virtually any problem our residents need resolved.

The fire department wants you to know that we are proud to provide "Second to None" customer service and we truly believe that "When in Doubt, Call Us Out"; we will work hard to achieve a positive resolution.

Remember, we are here to serve you 24 hours a day, 7 days a week, and 365 days a year.

Respectfully submitted,
Matt DeRousse
Lieutenant/Paramedic

An aerial photograph of a fire scene. In the foreground, a fire truck's ladder is extended. Several firefighters in full gear are visible, some standing and others working. A crowd of people is gathered in the background, watching the scene. The overall atmosphere is one of a busy emergency response.

"Your firemen came to my house on two different occasions. They were professional, polite, neat in appearance and provided the needed services in a very efficient manner. Thank you, I am proud to live in Bloomfield Township."

"Thank you so very much for being there to help my husband in his time of need. Your speed help get him to the Hospital in time. He had a subdural hematoma which they were able to reverse with drug therapy. I'm very grateful for your expertise and heart in caring for him and myself."

"I can not say enough about how nice, patient, polite, kind and well-mannered they (BTFD) were and how comfortable they made me feel."

"David, Mike, Andrew and Brian provided exemplary care to me and were a calming influence to frantic family members. Just their presence and professionalism made me feel better immediately."

2016 COMMUNITY PARAMEDICINEREPORT



Captain Chris Whitehead
EMSCoordinator

Throughout 2016, we continued to develop our Remote Specialist Visiting Physician program.

Our Community Paramedicine partnership, RSVP program, saw its one hundredth patient in December. This collaboration with St. Joseph Mercy Oakland (SJMO) has been very successful. We employ technology that allows us to bring a doctor into the patient's home via Telemedicine.

BTFD remains the only municipal department in the State of Michigan with this type of program. Home visits are coordinated for patients that have been recently discharged from SJMO, with a target time of visit at 24-72 hours. Upon arrival, we meet the doctor and nurse in a virtual exam room and facilitate a team approach to ensure a healthy transition to recovery. With the doctor's guidance, we conduct a thorough evaluation of the patient. Additionally, some of the tasks that are accomplished is to make sure that the patient understands and is taking all of their medications correctly and has scheduled their follow up appointments.

Before concluding the RSVP visit a home safety inspection is conducted to ensure that the home has working smoke and carbon monoxide detectors and is free of hazards. The goal of this team approach is to have the patient recover from their illness or injury in the comfort and safety of their own home. BTFD is proud of the program and the exceptional patient satisfaction scores it consistently receives.

Respectfully submitted,
Chris Whitehead
Captain/EMS Coordinator



RSVP PROGRAM



EQUIPMENT

The RSVP Program telemedicine equipment includes a wide array of technology that allows the patient to directly interact with their doctors from the comfort of their own home. This equipment includes a tablet, web camera, hand held exam camera, electronic stethoscope, and scale.



EVALUATION

BTFD starts the appointment by reviewing your case file, medications, current concerns, then they perform a full vital sign assessment. Our Firefighters next connect the patient with their doctor via web conference to review the findings and concerns.



HOME INSPECTION

The home safety inspection includes a multipoint check list of items that every home should have. BTFD inspects the home for smoke and carbon monoxide detectors, extinguishers, and other safety equipment and hazards.

2016 FIRE MARSHAL REPORT



Peter Vlahos
Fire Marshal

It has been a challenging, yet productive year for the Bloomfield Township's Fire and Life Safety Division (FLSD). As we worked constantly to meet the demands of the quick changing community we were also committed to providing the highest level of customer service to our residents and business owners. This ranged from commercial fire inspections and construction plan reviews to residential home fire inspections, residential smoke alarm installations and Knox box consultations.

The fire department's open house events included: a live fire show, a live Firefighter skill challenge, a Jr. Firefighter skill challenge station, Sparky the Fire Dog, fire truck train rides, numerous fire safety games for children, and many other exhibits that promoted fire safety in the home.

The Open House provides residents an opportunity to see the services that are available to them in Bloomfield Township.

This year also marked our 11th year for the fire safety and injury prevention school program in the Bloomfield Hills School District. The program is a nine week, 30 minute a week class, which teaches second graders the importance of making safe choices and preventing injuries caused by accidents.

Additional duties of the FLSD include conducting various fire inspections and construction plan reviews. While performing inspections the Fire and Life Safety Division takes the opportunity to educate the community on many different fire safety issues.

The Fire and Life Safety Division is also responsible for the investigation of all structure fires, incendiary fires, and fires resulting in injury and/or death. These investigations are done for the purpose of preventing future fires by identifying common risk factors.

This past year also provided some changes in the Fire and Life Safety Division. Lt. Fire Inspector Douglas Brown retired after 36.8 years of service to the Bloomfield Township Fire Department.

The Fire and Life Safety Division is continuously striving to develop and promote the most innovated public education programs possible.

Respectfully submitted,
Peter Vlahos
Fire Marshal



2016 INSPECTIONS & PLAN REVIEWS

Type of Inspection	2016	2015	2014	2013
Annual	886	518	355	94
Change of Occupancy	55	73	29	21
Complaints	25	52	51	26
Final Building	108	93	55	53
Fire Alarm Acceptance	30	46	20	19
Fire Suppression Acceptance	23	55	43	41
Fire Works Site Inspections	2	1	2	0
Hood Suppression Acceptance	5	6	7	7
Knox Box Installation	55		28	52
Hazardous Materials	0	3	0	1
Other	45	21	30	71
Pre-Construction Inspections	2	1	8	2
Re-Inspections	1137	862	577	392
Site Inspections	62	41	16	32
Special Event Inspections	10	4	2	6
Total	2445	1776	1224	817

Plan Reviews	2016	2015	2014	2013
Change of Occupancy	13	0	0	1
Fire Alarm Plan Review	35	37	15	26
Fire Suppression Plan Review	29	44	24	18
Fire Works	4	0	1	0
Hood System Plan Review	3	6	4	7
Liquor License	0	0	1	0
Outdoor Dining	0	0	4	4
Plan Alteration	139	154	103	110
New Construction Plan Review	28	36	16	24
Seasonal Sales	1	1	3	2
Site Plan Review	79	71	59	36
Special Event Plan Review	65	50	32	27
Total	396	402	255	300



2016 HYDRANTREPORT



John LeRoy
Operations Officer

In Bloomfield Township a program has been established by the Bloomfield Township Fire Department in conjunction with the Bloomfield Township Department of Public Works to maintain over 3,060 fire hydrants throughout the Township.

This program ensures that during the winter months the hydrants are checked twice and that no water is present that will freeze. Starting in the spring and into the summer, one quarter of all fire hydrants in the Township will receive a fresh coat of paint.

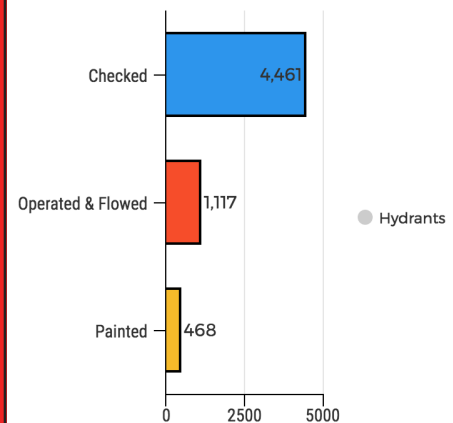
In the fall the hydrants are operated and any standing water will be removed to ensure nothing will freeze over the cold winter months. This process takes place throughout the year and 2016 was no different.

Fire hydrants will continue to be a focus of the Bloomfield Township Fire Department moving into the New Year. The Fire Department would like to respectfully ask that residents keep the area around the fire hydrant clear of vegetation and snow moving forward and to please report any ongoing issues with fire hydrants in the Township to the Bloomfield Township Fire Department.

Respectfully submitted,
John LeRoy
Operations Officer

Fire Service Technicians

The BTFD has developed a program for aspiring firefighters, called the fire service technician (FST) to work on a part-time basis checking fire hydrants and performing tasks associated with the fire service. FST's have dedicated over 900 hours maintaining and ensuring the fire hydrants in Bloomfield Township are ready for use in any emergency.





2016 EMERGENCY MEDICAL SERVICES REPORT



Captain Chris Whitehead
EMS Coordinator

2016 proved to be an exciting and challenging year for the Bloomfield Township Fire Department Emergency Medical Services (BTFD EMS).

BTFD collaborated with the University of Detroit Mercy, Department of Nursing, in a community health study. A group of nursing students held class for a semester in the conference room at Central fire. While here, they did a study of the needs of our community. They determined the best way they could help the community was to conduct a fundraising event to help the Meals on Wheels program for Bloomfield Township Residents. The collaboration raised \$500 for this beneficial and worthwhile program.

Our EMS Division boasts a highly trained force of Firefighter/Paramedics. These Firefighter/Paramedics require specialized training to keep skills sharp learning the latest techniques and best practices. We have several Instructor/Coordinators, which along with their daily duties; instruct our personnel monthly. BTFD also taps the knowledge of experts to train us on Medical Legal, Mass Casualty Incident response, Advanced Cardiac Life Support (ACLS) and a host of other topics pertinent in providing professional and skilled care.

The EMS Division is proud of the service our Firefighter/Paramedics provide the residents and visitors of Bloomfield Township. Each patient contact is done with at least two Firefighter/Paramedics and a majority of the time four can be found at a patient's side. This level of service is supported by the residents and we aim to continue this high level of professionalism.

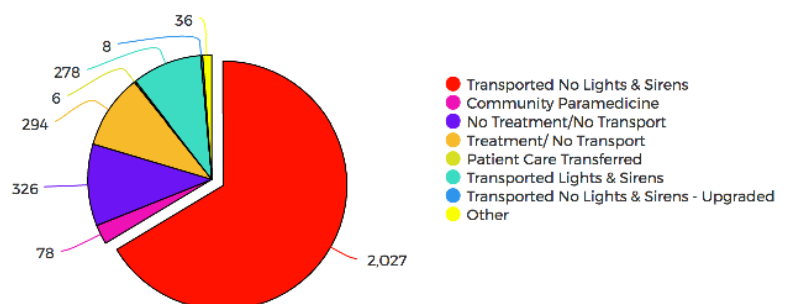
We are the first step in getting the patient to the definitive care they require and this approach minimizes any chances of mistakes.

Respectfully submitted,
Chris Whitehead
Captain/EMS Coordinator

Medical Transports

Over the course of 2016, 68% of our EMS patients were transported to the hospital without lights & sirens.

Medical Run Outcome





2016 BLOOMFIELD VILLAGE FIRE CHIEF REPORT



Geoff Hockman
Village Fire Chief

The residents of Bloomfield Village are in a unique situation as they are protected by a volunteer fire department, Bloomfield Village Fire Department (BVFD), and Bloomfield Township Fire Department (BTFD). BVFD assisted BTFD on all fire calls in the village last year.

Our volunteer firefighters live in the village, are required to pass the state exam for firefighter I & II, must be available to respond as dispatched by Bloomfield Township, and participate in training throughout the year. In addition to the 14 volunteers, we have a full time Deputy Fire Chief on the department who oversees the day to day operations of the village fire station.



Ted Gauthier
Deputy Fire Chief

The Bloomfield Village Fire Department budget is authorized by a special assessment district. These monies are billed by Bloomfield Township in the winter tax statement to all properties in Bloomfield Village. These funds are tax deductible. There are 991 parcels of land in the village.

The developer of the Bloomfield Village, Judson Bradway, in 1940 formed the Bloomfield Village Protective Association, which later became BVFD. The department's initial duties consisted of being air raid wardens and security officers with the primary responsibility of fighting fires. At the time, Bloomfield Township did not have a formal fire department in place.

In 2016, Bloomfield Village Fire Department upgraded the equipment on its engine to match the engines operated by the Bloomfield Township Fire Department. This process consisted of changing the supply line fire hose on the engine from 4" to 5" diameter. We added a portable Blitzfire master stream appliance, 4 gas meter, and six LED flashlights. The standardization of equipment will be beneficial to both departments. The township fire department also provided classroom training to the village volunteers regarding forcible entry and proper highway safety procedures at an emergency scene. The training provided by the township allows for greater efficiencies during runs. In addition, the Bloomfield Village Fire Department leadership provided training to its own members regarding truck safety and on-scene procedures when handling car and structure fires.

BVFD operates one fire engine and one four-wheel drive emergency vehicle. The Bloomfield Village Fire Station is located at 3595 Bradway Boulevard. Some of the notable buildings found within Bloomfield Village are Birmingham Covington School, Detroit Country Day School and the Village Knoll Shopping Center.

Respectfully submitted,
Geoff Hockman
Bloomfield Village Fire Chief



2016 EMERGENCY MANAGEMENT DIVISION REPORT



Peter Vlahos
Fire Marshal

In 2016, the Bloomfield Township Emergency Management Division continued to serve its residents, businesses and visitors by working to ensure that the emergency response personnel, and the employees of Bloomfield Township, would be prepared to minimize the impact of any natural or man-made disaster incident.

Under the authority of the Michigan Emergency Management Act (Public Act 390 of 1976, as amended), each county is required to appoint an emergency management coordinator. In addition, some Michigan communities have municipal emergency management coordinators. Bloomfield Township is a one of four municipalities in Oakland County that has its own Emergency Management Coordinator.

The Emergency Management Division has been active in training events throughout the year. Some of our training highlights for 2016 included:

Attendance at the Great Lakes Homeland Security (GLHS) Conference in Grand Rapids, MI. This event is hosted by the Michigan State Police's (MSP) Emergency Management Homeland Security Division (EMHSD). The three day conference filled with seminars and clinics that range in topics from the latest information about known threats or hazards, to what we may be facing in the near future. These sessions were presented by nationally recognized speakers and clinicians.

Four additional fire department personnel currently enrolled in the Professional Emergency Manager (PEM) program through the state. Bloomfield Township has two PEM certified personnel that coordinate and manage the Township's emergency management.

Trainings offered by Oakland County and the Michigan State Police.

As we look forward to 2017, Emergency Management continues to be one of the most important services that Bloomfield Township provides to its residents. We have begun to plan additional planning exercises locally and with other agencies. With the uncertainty of an ever changing world, Bloomfield Township will continue to train and prepare for any potential disaster that may come our way.

Respectfully Submitted,
Peter Vlahos
Fire Marshal



2016 HAZMATREPORT



William Fritz
Lieutenant/Paramedic


A hazardous material is any item or agent (biological, chemical, radiological, and/or physical), which has the potential to cause harm to humans, animals, or the environment, either by itself or through interaction with other factors. In addition to serving as firefighters and paramedics, Bloomfield Township Fire Department (BTFD) has 14 members that are certified as hazardous material technicians and specialists. Each of these members has spent hundreds of additional hours training to prepare for hazardous materials incidents.

As a member of the OAKWAY mutual aid agreement, BTFD participates in the OAKWAY Hazardous Materials Team (HAZMAT). Each member of the BTFD team is also part of the OAKWAY HAZMAT Team. The OAKWAY HAZMAT Team provides additional means of identification, mitigation and resources to OAKWAY communities, for incidents that are beyond the means of a single communities capabilities. BTFD members participate in quarterly trainings, as well as a yearly large scale scenario with the OAKWAY HAZMAT Team. The trainings are composed of operations review, equipment maintenance and education, preplanning of hazards, and the bettering of skills through education and scenarios.

Most of our members have also participated in state of the art federal trainings. Due to the continued threat of terrorist events and increasing amount of hazardous materials being manufactured and shipped, the federal government has a consortium of training opportunities all over the country. These facilities are the gold standard for the industry and located all over the country. Through federal funding and grants our members have been able to participate in these extremely important training opportunities. One of our members has even become an instructor at one of the facilities. Our goal is to be ready for any type of attack or incident whether it be a chemical, biological, explosive, or radiological in nature. These trainings allow our members to interact with live chemical and biological agents, receive hands on training with railcars and highway trucks, and participate in a true radiological environment just to name a few.

Our HAZMAT team members are all dedicated and realize the importance of continuing education to prepare for the worst possible scenarios. Through our continued education and training we will continue to handle any hazardous materials incidents that effect our residents and the residents of our OAKWAY communities. The BTFD HAZMAT Team would like to thank you for the opportunity to serve you and look forward to serving you in the future.

Respectfully submitted,
William Fritz
Lieutenant/Paramedic / Haz-Mat Coordinator



In 2016, BTFD members responded to 16 HAZMAT incidents. These included spills, leaks, and identification and mitigation of unknown substances. As a department, we also responded to 34 natural gas leaks and 22 confirmed Carbon Monoxide incidents.

2016 TECHNICAL RESCUE REPORT



Matthew Overby
Firefighter/Paramedic

The Bloomfield Township Technical Rescue Team is trained and equipped to respond to incidents such as building collapse, trench cave-ins, confined space, machinery, and rope rescues. Such incidents are uncommon but require specialized training and equipment to successfully mitigate. Although most members of the Department have some technical rescue training, twelve members of the department make up the Technical Rescue Team.


Throughout 2016 the Technical Rescue Team participated in four exercises with other OAKWAY Departments which include; Birmingham, Ferndale, Madison Heights, Royal Oak, Southfield, Waterford Regional, and West Bloomfield. Each exercise focuses on one of the four major types of technical rescue incidents which are rope, building collapse, trench, and confined space. In May, Bloomfield Township hosted a trench exercise for OAKWAY on two separate days. Crews practiced approaching, size up, placing ground pads, placing panels, installing appropriate shoring, lifting a 2,000 pound pipe off a victim, and finally removal of a victim from a trench that was over 8 feet deep. These trainings are essential because when technical rescue events occur, crews from OAKWAY departments work together to mitigate the incident.

In October, members of the Technical Rescue Team responded to an incident involving two workers that were injured and trapped in a water tower in Pontiac. Waterford Regional Fire Department arrived on scene and requested an OAKWAY technical rescue response. OAKWAY communities sent their technical rescue equipment and trained personnel to the scene. Two of our members responded directly to the scene and participated in the removal of the victims.

Michigan Task Force 1 (MI-TF1) is an organization that provides regional technical rescue services. The purpose of MI-TF1 is to provide rescue personnel, equipment, and to assist with incident mitigation and management during large scale disasters that have overwhelmed local technical rescue resources. It is comprised of fire service personnel from all over Michigan and includes 5 members from Bloomfield Township. These members devote many hours a year to this team both on and off duty through practice deployments. One recent example occurred in the fall of 2016. The location was at an abandoned prison complex in southeast Michigan. The exercise depicted an area that had buildings damaged by a tornado. The exercise allowed crews to practice deploying, searching for victims, shoring buildings, breaching walls, transporting equipment and setting up a Base of Operations to work out of.

The members of the Technical Rescue Team are committed to providing technical rescue services to the community and remain ready to be called upon.

Respectfully submitted,
Matthew Overby
Firefighter/Paramedic / Technical Rescue Coordinator



This year, four new members were added to the team. In 2016, they completed over 240 hours of initial training in building collapse and rope rescue. Each of these members will complete an additional 200+ hours of training on top of Department and quarterly OAKWAY trainings.

2016 CHARITIES REPORT



Mike Cummings
Captain/Paramedic

The Bloomfield Township Fire Department Charities had a banner year in 2016. We had a beautiful day for golf when we played once again at the prestigious Wabek Country Club for our 30th Annual Golf Outing. The sold out event was great fun and as usual, was topped off with a terrific steak dinner for the participants.

In April we took on the Police Department in the 1st annual Police vs Fire basketball game/Tug of War contest, helping raise funds for Bloomfield Hills High School. Even though the Fire Department fell just short in the basketball game, we were able to muscle our way to victory in the tug of war. Viscous rivals, but great fun nonetheless.

Our fund raising efforts continued in May with our hugely successful "Jack of Spades" raffle. When we started the weekly raffle in May of 2015 our hope was to run it for a few months and make some extra funds for the charity. The raffle surprised all of us when it ran for 50 weeks without a winner until the Jack of Spades was pulled in week 51. What an exciting event that raised almost \$56,000 for our charities! Followed up with the Bloomfield Classic Car Show and the Children's Holiday Wish program, the charities had an extremely productive year.

Some of the donations made during 2016 include:

- Children's Holiday Wish program
- University of Michigan Trauma Burn Center
- "Dinners with the Firefighters"
- Bloomfield Youth Guidance Scholarship
- Juvenile Diabetes Research Foundation
- Flint Water Crisis donation
- Aquinas College Nicaragua Student Mission trip
- Highland Park Fire Department Truck donation
- Several personal donations to families and individuals in need.

We look forward to another charitable year in 2017. More information on the BTFD Charities can be found on our website: www.btfddcharities.com

Respectfully submitted,
Mike Cummings
Captain/Paramedic / Charities President

Donations

In 2016 the BTFD Charities generated more than \$70,000.00, easily the best 12 month period in the history of the charity.





A thank you does not seem sufficient for the dedication of all those involved with the BTFD Charities. Our goals could not have been accomplished without the hard work and participation of our firefighters, staff, friends and families.







FREQUENTLY ASKED QUESTIONS

How do I get a copy of a Fire or Medical report?

Call the Fire Department at 248-433-7745, during our regular business hours of 7:00AM-5:30PM Monday thru Thursday, for proper procedures to obtain a report.

Who do I call to learn CPR?

You can call 248-433-7745 and ask for the EMS Coordinator.

What is a "Knox Box" & where can I obtain one?

A Knox Box is a secured locked box that is placed on the front of a building/house and contains keys to the building or residence. The fire department keeps a key that opens the Knox Box locked and secured on their vehicles. This allows the fire department easy access to a home or business even when the building may be secured, i.e. after hours or when occupants have limited mobility. Information to purchase a "Knox Box" can be obtained by calling the Bloomfield Township Fire Department at 248-433-7745.

If my Carbon Monoxide detector activates, what should I do?

Carbon Monoxide (ALSO KNOWN AS THE SILENT KILLER) is a colorless/odorless gas that is created by the incomplete combustion of carbon based fuels. It also connects to blood cells at a rate 200 times faster than oxygen. It is recommended that you install a Carbon Monoxide detector on each level of your home and if a detector activates, call 911 and leave your home. The fire department will come to your home and check the level of Carbon Monoxide (if any).

Is it legal to burn brush or tree branches in Bloomfield Township?

No, it is not legal to have any open burning in Bloomfield Township. Only approved containers (Recreational Fire Pits) are allowed. See the Township's website for further information. www.bloomfieldtwp.org

What should I do with HOT fireplace ash?

DO NOT remove hot ashes from the fireplace immediately. Wait up to 2-3 days and let the ashes cool completely in the fireplace until there are no remaining hot embers before removing them. Place cool ash in a metal container and store outside away from the home and all combustibles.

"When in Doubt, Call Us Out!" That's what you need to remember, no matter what situation or problem may arise. When you don't know where to turn, turn to us, your fire department. We have knowledge and resources to help solve almost any problem you may encounter, even those situations not directly related to fire or medical emergencies. Remember, we're here to serve you, any time, any day, and in any way.



The Bloomfield Township Fire Department would like to recognize and express our gratitude to Operations Officer John LeRoy, Lieutenant/Paramedic Kevin Bailey, Firefighter/Paramedics Mike Sova, Ryan Morin, Cass Czerwinski and Mike Metz for their diligence and creativity in helping to develop the 2016 Fire Department Annual Report.