



# ANN ARBOR FIRE DEPARTMENT

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## 2018 ANNUAL REPORT



Ladder 1-5 displaying the U.S. flag during the Glacier Hills Memorial Day Parade.

# ANNUAL REPORT

## Message from the Fire Chief

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On behalf of the Ann Arbor Fire Department, I am happy to present our 2018 Annual Report. 2018 was filled with administrative and operational change for the Ann Arbor Fire Department. Despite this, staff served their community with compassion and professionalism. This continued service to the City of Ann Arbor is the core that makes AAFD firefighters such an outstanding group of employees.

### 2018 Highlights:

- 👤 Zero civilian fire fatalities.
- 👤 Removed all PFAS firefighting foam from service and replaced with environmentally friendly alternative.
- 👤 Placed order for new rescue engine to replace Engine 1-6 (2006 Spartan).
- 👤 Realigned vehicle fleet to allow for a fleet credit of \$251,346.
- 👤 Eliminated excess IT equipment to achieve \$34,758 in savings.
- 👤 Eliminated two problematic apparatus: 1995 E-One Tower Ladder and 1999 Pierce Rescue Engine.
- 👤 Settled three-year contract with IAFF Local 693.
- 👤 Migrated to cloud-based Telestaff system.
- 👤 Hired eight probationary firefighters to fill open positions.
- 👤 Added second management assistant to support the fire prevention bureau.
- 👤 Increased cost recovery for fire prevention and false alarm billing.
- 👤 Made significant headway on eliminating decades of clutter and hazardous materials accumulated at all of our facilities.
- 👤 Added ballistic protection for all on-duty staff along with completion of rescue task force training.
- 👤 Participated in 96 community events such as fire safety talks, parades, touch-a-truck, block parties, and fire station tours.
- 👤 Obtained Homeland Security Grant Program allocation for purchase of 96 Portable Vehicle Barriers, \$66,144.
- 👤 Implemented new fire records management system.

The success of 2018 would not have been possible without the support and assistance from the City Administrator, Assistant City Administrator, Mayor, City Council, City staff, and other City Service Area Administrators, along with that of the fire officers, firefighters, and staff. The following report outlines many of the accomplishments that occurred during 2018.



*It is an honor to serve as your fire chief, and I look forward to leading the Ann Arbor Fire Department in further progress.*

Mike Kennedy, Fire Chief

# ANNUAL REPORT

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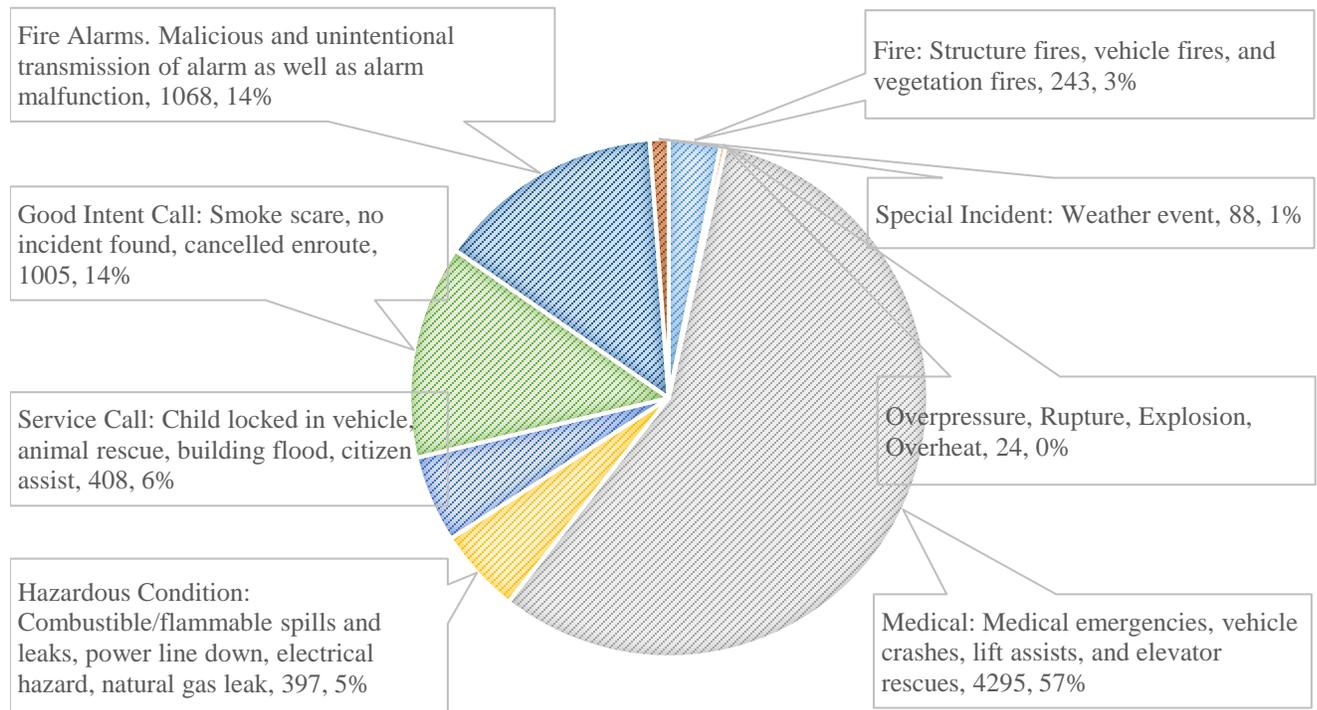
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(above) In June, several hundred people attended the public safety open house on Fifth Avenue and Station 1.

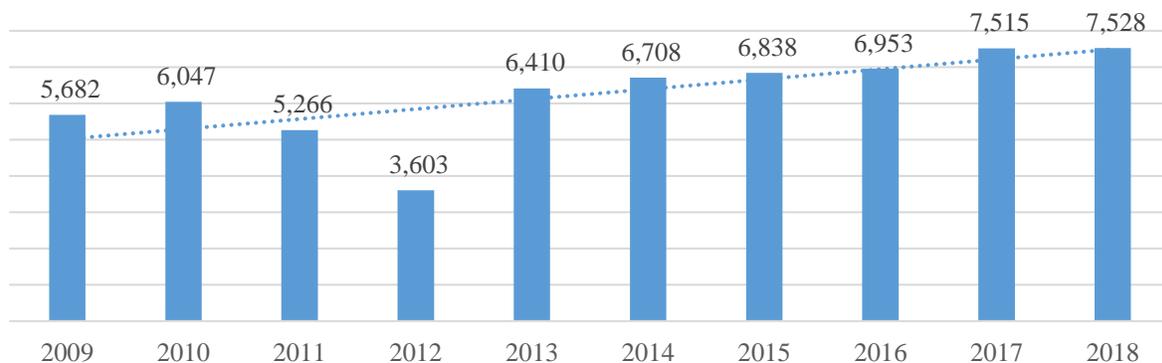
# STATISTICS

## 2018 Incident Breakdown



- 👮 49 structure fires
- 👮 59 cooking fires (confined to container)
- 👮 32 vehicle fires
- 👮 29 carbon monoxide incidents (with CO)
- 👮 7 vehicle extrications
- 👮 38 vehicle versus pedestrian
- 👮 40 elevator rescues
- 👮 12 animal rescues

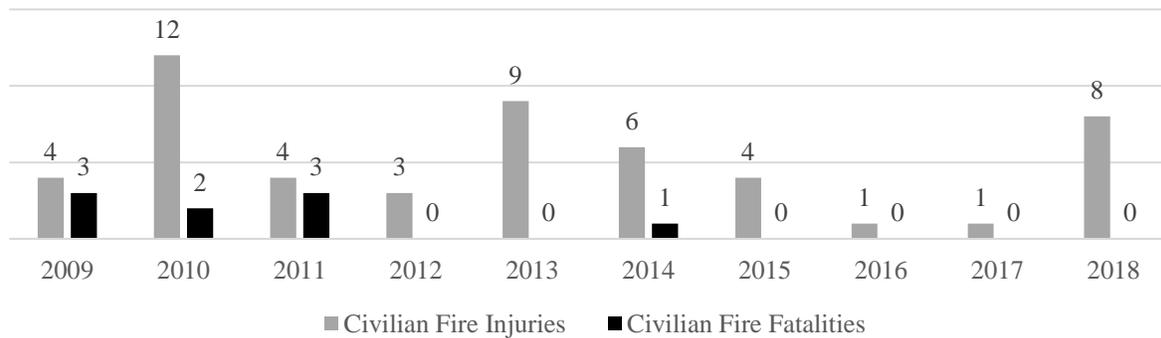
## Annual Incident Comparison: 10-year Summary



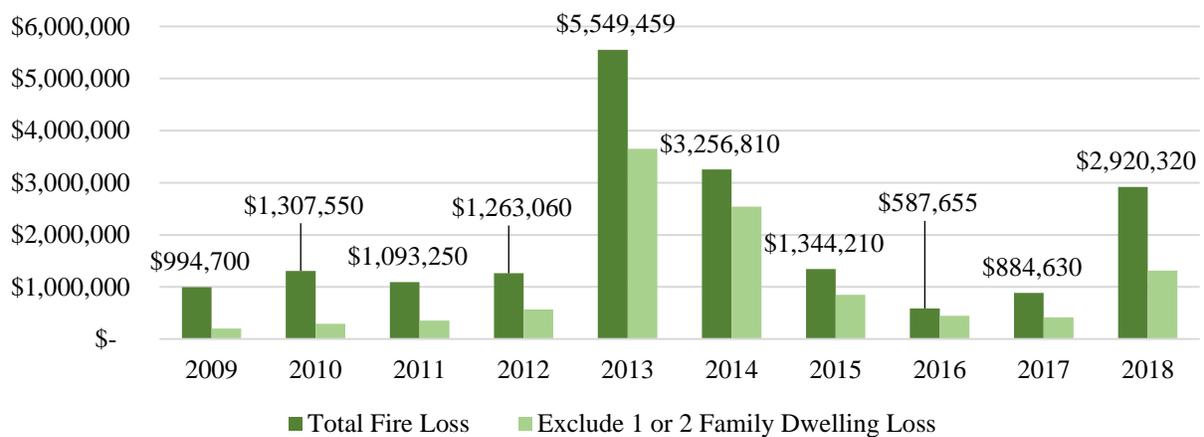
👮 In 2018, 5,148 incidents were emergencies where units responded with lights and sirens. Units were on scene within six minutes 89% of the time.

# STATISTICS

## Civilian Fire Injuries and Fatalities: 10-year Summary



## Fire Property Loss: 10-year Summary



 In 2018, \$123,684,852 worth of property was protected. Property damage was limited to \$2,100,000, which represents 1.7% of the total assessed value of property involved in fire-related incidents.

 In 2013, there was a single laboratory fire with a loss of \$3,000,000.



(left) In December, there was a cooking fire on the fourth floor of Cranbrook Tower. The fire created a significant smoke condition causing the evacuation of the entire building.

# PERSONNEL

## Assignments (Listed by Seniority)

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- 👤 Fire Chief: Mike Kennedy
- 👤 Assistant Chiefs: Marc Tyler, Andrew Box
- 👤 Emergency Management Coordinator: Rick Norman
- 👤 Management Assistants: Leslie Herter, Lynda Rathburn
- 👤 Training Officer: Craig Sidelinger
- 👤 Fire Marshal: Kathleen Summersgill
- 👤 Master Mechanic: Jeffrey Pelzel
- 👤 Fire Inspectors: Terrence Sullivan, Gianna Bommarito, Michael Reddman



### **Battalion Chiefs**

- 👤 Randy Menard
- 👤 Mark Edman
- 👤 Derek Wiseley



### **Tower 1-1**

- 👤 Captains: James Budd, Michael Roberts, Stephen Kreger
- 👤 Driver / Operators: Pablo Ramirez, Mark Hanselman, William Gaken
- 👤 Firefighters: Jason Gravelle, Nicholas Kaczor, Robert Vanderkarr, Christopher Warden, Matthew Barbarich, Kenway Hensley



### **Rescue 1-1**

- 👤 Lieutenants: Matthew Hughes, Scott Peterson, Brent Kostanko
- 👤 Driver / Operators: Kristopher Lussenden, David Cue, Christopher McGlothlin
- 👤 Firefighters: Neil Boes, Leo Susick, Zane Kingsbury, Julian Gross, Johnathan Fotopoulos

# PERSONNEL



## Engine 1-3

- 👤 Lieutenants: Mark Luick, William Gamble, Danielle LaLonde
- 👤 Driver / Operators: Daniel Campbell, Tilvis Bolen, Jeremy Torres
- 👤 Firefighters: Christopher Nielsen, Christopher Taylor, Shane Doyon, John Crowell, Nicholas Foren



## Engine 1-4

- 👤 Lieutenants: Christopher Buscemi, Jason Corrado, John Maguire
- 👤 Driver / Operators: Christopher Leadbetter, Stephen Potbury, Robert Porter
- 👤 Firefighters: Ernest Close, Ryan Newkirk, Christopher Brown



## Ladder 1-5

- 👤 Lieutenants: Allen Bruck, Andrew Boonstra, Robert Tudor
- 👤 Driver / Operators: Michael Pratt, James Tiernan, Timothy Karolak
- 👤 Firefighters: Matthew Francis, Brian Schotthoefer, George Allard



## Engine 1-6

- 👤 Lieutenants: Craig Ferris, Kirk Hedding, Jeremy Flack
- 👤 Driver / Operators: Brad Tanner, Timothy Rugg, Benjamin Zahn
- 👤 Firefighters: Bryce McAllister, Ronald Robbins, Cliff Blackford, John Lukosavich

- 👤 Unassigned Firefighters: Christopher Roy, Cody Eddington, Visar Gjetaj, Kenneth Richmond, Michael Rudolph, Andrew Gignac, Tracy Youell, Jacob Wing

# PERSONNEL

## Promotions

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- 👤 Fire Chief Mike Kennedy
- 👤 Assistant Chief Andrew Box
- 👤 Fire Marshal Kathleen Summersgill
- 👤 Master Mechanic Jeffrey Pelzel
- 👤 Fire Inspector Gianna Bommarito
- 👤 Fire Inspector Michael Reddmann
- 👤 Captain Michael Roberts
- 👤 Lieutenant Jason Corrado
- 👤 Lieutenant Brent Kostanko
- 👤 Lieutenant Danielle Lalonde
- 👤 Lieutenant Jeremy Flack
- 👤 Lieutenant John Maguire
- 👤 Driver / Operator Mark Hanselman
- 👤 Driver / Operator Jeremy Torres
- 👤 Driver / Operator Robert Porter
- 👤 Driver / Operator Matthew Gaken
- 👤 Driver / Operator Christopher McGlothlin



(above) City Clerk Jackie Beaudry swearing in Lt Lalonde, Lt Flack, and Lt Maguire

## New Hires

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- 👤 Probationary Firefighter Cody Eddington
- 👤 Probationary Firefighter Kenneth Richmond
- 👤 Probationary Firefighter Christopher Roy
- 👤 Probationary Firefighter Visar Gjetaj
- 👤 Probationary Firefighter Andrew Gignac
- 👤 Probationary Firefighter Andrew Wing
- 👤 Probationary Firefighter Tracy Youell
- 👤 Probationary Firefighter Michael Rudolph
- 👤 Management Assistant Lynda Rathburn (internal city transfer)

Probationary Firefighters Andrew Gignac, Michael Rudolph, Andrew Wing, and Tracy Youell.

## Retirements

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- 👤 Fire Chief Larry Collins
- 👤 Assistant Chief Ellen Taylor
- 👤 Master Mechanic Daniel Krueger
- 👤 Fire Inspector Ira Harrison
- 👤 Lieutenant James Adams
- 👤 Driver / Operator Sharon Bouchard
- 👤 Driver / Operator Patricia Hopkins

# PERSONNEL

## Accomplishments

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- 🦁 In July, promotional tests were given for the ranks of lieutenant, captain, and battalion chief. This occurred after negotiation with IAFF Local 693 as a part of grievance and contract negotiations. The completion of this testing allowed for the creation of promotional lists, from which several employees have already been promoted.
- 🦁 Fire administration and City of Ann Arbor Human Resources conducted interviews for fire inspector, fire marshal, master mechanic, and assistant mechanic positions, which also allowed for several promotions. These promotions filled vacancies created by retirements.



(left) In October, Fire Marshal Kathleen Summersgill graduated from Eastern Michigan University's School of Fire Staff and Command. This program is designed to prepare the professional fire officer to effectively manage their fire agency. This management-oriented program consists of 350 hours of competency-based education spread over ten months. Pictured left to right is Chief Kennedy, Fire Marshal Summersgill, and Assistant Chief Box at the graduation ceremony.

- 🦁 In September, Assistant Fire Chief Andrew Box successfully completed the National Fire Academy – Executive Fire Officer Program. The National Fire Academy's Executive Fire Officer Program provides senior fire officers with a broad perspective on various facets of fire and emergency services administration. Each student of the program enhances their professional development through a series of four graduate and upper-division-baccalaureate equivalent courses taken over a four-year period. They then complete an applied research project that relates to their organization.



(left) In October, Lieutenant Craig Ferris was recognized by the Washtenaw 100 as the “Washtenaw 100 – Outstanding Firefighter of the Year.” Lt Ferris was recognized for his efforts with establishing the rescue task force concept within the AAFD, along with assisting with teaching throughout Washtenaw County. Lt Ferris is a 25-year veteran, who has taught extrication classes throughout Washtenaw County. He also served as the chair of the apparatus committee for the replacement of Engine 1-6. The AAFD was given a \$2,500 donation for Lt Ferris’s recognition. These funds were used to purchase new nozzles for high-rise firefighting operations. Pictured left to right are Lt Ferris and Chief Kennedy.

# FIRE PREVENTION BUREAU

The Fire Prevention Bureau is led by Fire Marshal Kathleen Summersgill. This bureau maintains a robust fire prevention program that includes the elements of fire code enforcement, fire plan review, fire and arson investigation, and community risk reduction education. Fire inspectors are responsible for conducting fire safety inspections of new and existing buildings, reviewing plans for fire code compliance, conducting fire and arson investigations, and coordinating a variety of community risk reduction education programs. The division also manages Freedom of Information Act (FOIA) fire-related requests.

## Accomplishments

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- 👤 Fire inspectors inspected nearly 9 million square feet through 2,348 inspections. 7,135 code violations were identified with enforced correction.
- 👤 Invoiced approximately \$134,819 in false alarm fees.
- 👤 Invoiced \$600,687.61 for fire inspection cost recovery.
- 👤 Plan reviews:
  - a. Site plans: 74
  - b. Zoning: 4
  - c. Annexation: 4
  - d. Site compliance plans: 56
  - e. Special exception use: 48
  - f. Land divisions: 17
  - g. Sidewalk occupancy compliance: 146
- 👤 Investigated 26 fires.
- 👤 Presented an updated fire prevention cost recovery ordinance to City Council, which was adopted. This revised ordinance created a self-inspection program for hotel/motel room and storage units.
- 👤 Three inspectors successfully passed the Inspector I training and obtained NFPA certification.
- 👤 One inspector completed 80-hour fire investigation training.
- 👤 Fire Marshal completed a one week training course on water based fire protection systems at the National Fire Academy in Emmetsburg, MD.
- 👤 Identified and updated all Firehouse occupancies to identify primary owners and square footage. This prepared our division to transfer validated information to ImageTrend software.
- 👤 In conjunction with City IT, divided the total occupancies by square feet to four separate and equal areas to create new inspection districts.
- 👤 Identified all sorority and fraternity houses for fire inspections, and communicated fire department expectations and code requirements.
- 👤 Approved and installed keys for 41 new Knox Box requests. Knox Boxes allow the fire department to gain access to commercial buildings to investigate fire alarms or other incidents without having to damage the occupancy by forcing entry. When a building owner updates locks, a fire inspector must go out to open the Knox Box to place updated keys in the locked container.
- 👤 Conducted 22 hydrant flow tests.
- 👤 Involved in 7 hoarding assistance cases.

# TRAINING

The Training Division is led by Training Officer Craig Sidelinger and is charged with developing and improving firefighting techniques as well as standards for rescue and emergency medical services and evaluating and maintaining quality control of firefighting methods used by the suppression division. Staffed with a training officer and assistant training officer the training division manages a variety of programs to train and protect firefighters and staff.

## Major Projects

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- 👤 Eight probationary firefighters completed a four-week training program.
- 👤 Assisted with training of ImageTrend record management system.
- 👤 100% employee renewal of CPR certification.
- 👤 Transition to Target Solutions as our training database.
- 👤 In concert with the City's paperless policy, we accomplished 60% digitalization of employee training files.
- 👤 Three employees were certified to work as driver / operators.
- 👤 Acquired and implemented new EMS equipment: new equipment bags, stethoscopes, and blood pressure cuffs.
- 👤 Finished firefighter survival bail-out training with new egress kits.
- 👤 Implemented the new Pak Tracker system for locating lost or downed firefighters.
- 👤 Hosted Ice Rescue Technician Course and Swift Water Operations Course.
- 👤 Completed Rescue Task Force training.

## Training Hours

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- 3,724 **In-Service Online**  
Learning management software designed to address topics: asbestos awareness.
- 4,805 **In-Service Practical**  
Department conducted training emphasizing practical skills: pump operations.
- 1,706.75 **Special Operations**  
Training in unique circumstances such as technical rescue, hazardous materials.
- 2,770.50 **Professional Development**  
Training that addresses promotional and career advancement: fire officer classes.
- 960 **Probationary Firefighter Training**  
New employee on-boarding program

### 13,966.25 Total Hours

(left) New driver / operators practiced standpipe operations at the Forest Street parking structure.



Engines are connected to a hydrant and then supply lines are hooked to the fire department connection to supply pressure for hose lines needed to extinguish vehicle fires.

# EMERGENCY MANAGEMENT

Rick Norman serves as the emergency management coordinator. Emergency Management coordinates all City of Ann Arbor emergency planning for weather-related and other disasters, maintains an emergency operations center, conducts emergency preparedness training and operates a citywide storm/tornado warning siren system.

## Exercises

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- 🦺 Managed Community Emergency Response Team (CERT) new class training exercise with 18 participants.
- 🦺 Completed “After Action Report/Improvement Plan” items for Barton Dam functional exercise per Federal Energy Regulatory Commission (FERC) requirements.
- 🦺 Attended Michigan Stadium Unmanned Autonomous Vehicle (UAV) table top exercise.
- 🦺 Conducted CodeRED callout drill for Barton Dam and Emergency Operations Center group.

## Training

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- 🦺 Facilitated the half-day delivery of a policy level Executive Education Seminar on civil unrest. The Center for Homeland Defense and Security at the Naval Postgraduate School presented this course under a free outreach program. Twenty-eight participants from the City of Ann Arbor, University of Michigan, Ann Arbor Public Schools, and other community partners attended this seminar. It was a moderator-led discussion with a panel of experts from across the country, who provided insight.
- 🦺 Participated in CodeRED Webinar “Integrated Public Alert and Warning” IPAWS.
- 🦺 Trained fire personnel on mobile command unit operations.



(left) In June, seventy attendees from the City of Ann Arbor staff and community partners attended a FEMA Integrated Emergency Management course. This was an intense four-day training and exercise course that taught core emergency management concepts and covered several case histories. EMC Norman was the primary local coordinator of this effort.

## Grants

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- 🦺 Michigan State Police Emergency Management and Homeland Security Division: Emergency Management Performance Grant quarterly work plan completion: \$41,222
- 🦺 Obtained Washtenaw County Homeland Security Grant Program allocation for purchase of 96 portable vehicle barriers: \$66,144. These barriers can be used for events throughout the downtown.

# EMERGENCY MANAGEMENT

## Major Projects

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- Wrote Ann Arbor Police Department (AAPD) policies for large scale events, disasters, and emergency operations center operations contributing to AAPD CALEA accreditation.
- Accomplished complete rewrite of Ann Arbor Emergency Response Plan to current federal and state standards.
- Facilitated Hazard Mitigation Plan Technical Advisory Committee meetings for plan maintenance, also supporting National Flood Insurance Program's (NFIP) Community Rating System (CRS) requirements.
- Presented Hazard Mitigation Plan to City Planning staff.
- Specified tech capabilities for new Administrators “Situation Room” to facilitate partial EOC activations.
- Working on Larcom-City Hall Emergency Planning with Safety unit.
- Conduct monthly siren system test and managed siren system repairs and upgrades.
- Completed severe weather assessments on several AAPS facilities.

(right) The mobile command unit was deployed for Ann Arbor Art Fair and U-M Men’s Basketball BIG10 Championship game.



(left) A citywide booth numbering plan was implemented for Art Fair. This plan was instituted after coordination and planning with the Art Fair Directors, AAPD, and City Geographic Information Systems. [Why?]

## CodeRED Emergency Notification System

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- 📞 Total Contacts: 38,245
- 📞 Resident opted in: 12,543
- 📞 Businesses opted in: 766
- 📞 Texts: 4,996
- 📞 Emails: 4,854

# ACTIVITIES

(right) In February, there was a vehicle fire on the fourth floor of the Ann – Ashley parking structure.



(below). In February, there was an overnight fire on the seventh floor apartment at 727 West Miller. Fire damage was limited to one apartment.



(right) In March, crews had to extricate a driver from a vehicle crash on Huron River Drive near Bird Road.



# ACTIVITIES



(above) In 2018, the largest fire incident in the City of Ann Arbor occurred at Mahindra GenZe located at Stone School and Ellsworth.



(left) In November, Engine 1-4 responded on a three-alarm house fire in the City of Ypsilanti.

(right) In August apartment fire in Pheasant Run Apartments.

(below) In November, a resident was rescued via a second floor fire in Pheasant Run Apartments.



# ACTIVITIES



(above) On September 11, Detroit Red Wings Dylan Larkin, Anthony Mantha, and Tyler Bertuzzi attended a 9/11 ceremony and participated in a skills competition with several of Ann Arbor's bravest.



(above) Firefighter teaching students at Bryant Elementary School about fire safety.



(left) In March, the 102.9 W4 Country Breakfast with Bubba broadcast from Station 6 took place as part of their Firehouse Fridays.