

# 2023 ANNUAL



# REPORT

Adam Massingill, Fire Chief

Trevin Robinson, Assistant Chief

Owen Milks, Administrative Officer

### **Mission Statement**

Serve our community with dedication by providing professional compassionate emergency services for all who live, work, and play in Auburn Hills.

### **Vision Statement**

Committed to provide a dynamic and properly staffed organization that fosters teamwork and embraces change for the needs of the community.









### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

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### FIRE CHIEF'S COMMUNICATION

On behalf of the dedicated men and women of the Auburn Hills Fire Department, I am pleased to present the 2023 Annual Report. The report provides an in-depth look at department operations for the calendar year 2023 and includes system structure, personnel assignments, response data, and other notable areas of interest.

The Department is thrilled to announce that we have been awarded an ISO rating of 2, reflecting our commitment to excellence in fire protection services. This prestigious rating is a testament to the hard work and dedication of our firefighters, staff, and the entire community. Achieving an ISO 2 rating demonstrates our effective firefighting capabilities, advanced training programs, and state-of-the-art equipment, ensuring the highest level of safety for our residents. We are proud to continue serving our community with the utmost professionalism and readiness in emergency response.

Call volume for the department increased again in 2023 as the department responded to 4,361 calls for service. This increase in calls follows the post-COVID trend in which the department has responded to a record-setting number with each successive year. Emergency medical services (EMS) calls continue to increase and far exceed any other call type. In 2023 75% of the requests for service were classified as EMS calls. Station 2, located on the Municipal Campus, handles 47% of the overall call volume on an annual basis while Station 1 in downtown Auburn Hills responds to another 30% of the calls.

The addition of a third full-time fire inspector in early 2023 allowed for a 36% increase in fire inspections and for the first time, the prevention division exceeded 1,000 inspections. The increase brings us closer to meeting national standards for fire inspections and translates into a safer community.

In addition to calls for service, training, and prevention activities, department personnel also continued to work collaboratively with department of public works staff in developing plans for renovations of all three stations.

The department's fleet was also updated in 2023 with the replacement of an ambulance. Department personnel also completed design and bid work for a replacement quint fire suppression vehicle which is expected to arrive in 2025.

On behalf of the Auburn Hills Fire Department, I would again like to thank City Manager Tanghe, City Council, and our Public Safety Advisory Committee for their support in allowing us to carry out our most important mission: protecting the lives and property of those who live, work, and play in Auburn Hills. I would also like to thank our residents and business owners for their continued support and encouragement throughout the year. It is through this support that we proudly serve our community.

Mini

Adam Massingill Fire Chief City of Auburn Hills Fire Department







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### FIRE STATION LOCATIONS

The Department consists of three (3) fire stations strategically placed within the upside down "L" shaped city to cover its unique 17.4 square miles and 26,544 citizens.

Station 2: 1899 N Squirrel RD

#### Station 1: 3483 Auburn RD



Station 1 protects downtown Auburn Hills and the southern end of the city. This station is also where large Public Education events are held such as the department's annual Fire Prevention Open House.



Station 2 is located directly across from Oakland University's (OU) campus and protects the central area of the city. This station hosts suppression personnel in the city's Public Safety Building.

#### Station 3: 3253 Joslyn RD



Station 3 is responsible for protecting the northern side of the city which includes the Great Lakes Crossing Outlet mall. Many industrial buildings and shopping centers reside in the northern portion of the city as well.

#### Administration Building: 3410 E Seyburn



The Administration Building hosts all administrative personnel, as well as the Fire Prevention Division.

#### **Overview of Auburn Hills with Fire Station Locations**







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#### DEPARTMENT OVERVIEW

#### Public Protection Classification

AHFD has been awarded an improved Public Protection Classification (PPC) 2 rating from The Insurance Service Office (ISO). ISO assigns PPC grades on a scale of one (1) to ten (10) based on the fire protection capabilities of a department where a class

one (1) rating represents an exemplary fire suppression program, and a class ten (10) rating indicates that the department's current fire suppression program does not meet ISO's minimum standards. AHFD's above-average fire protection classification aids in reducing insurance premiums and provides financial savings for property insurance in Auburn Hills. AHFD's ISO rating went into effect April 1st, 2023.



#### ISO representatives completed a

comprehensive analysis of our department's structural fire suppression delivery system which included evaluating fire department effectiveness, community risk reduction, water supply, and communications systems. Current ISO data shows only 2% of Michigan fire departments and 6% of fire departments across the nation have achieved the Class 2 rating or better. The improved rating reflects professional excellence by Auburn Hills Firefighters and Command Staff to make our community a safer place to live and work.

With the commencement of 2023, the Auburn Hills Fire Department (AHFD) employed a total of forty-two (42) employees. Of these employees, there are twenty-six (26) full-time suppression division personnel, six (6) part-time employees, and two (2) paid-on-call employees, five (5) administrative personnel, and three (3) prevention division fire inspectors. Apart from six EMTs, all full-time employees are licensed paramedics. We have a total of twenty-four (24) paramedics on staff at AHFD along with five current members attending paramedic courses to become more knowledgeable and experienced emergency medical responders.







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Organizational Chart



Each of the three shifts have eight (8) assigned full-time firefighters. AHFD relies on part-time and paidon-call employees to compliment the full-time personnel. Above is AHFD's organizational chart that represents the structure of the department. Below is the personnel roster for the three stations, showing where each firefighter is typically assigned. Daily assignments may change, according to staffing.



Hills <u>BU</u>RN



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#### AUBURN HILLS FIRE DEPARTMENT

ADMINISTRATION	
Chief Adam Massingill-M	
Assistant Chief Trevin Robinson -M	
Adminstrative Officer Owen Milks - M	
Fire Clerk Dawn Schultz	
Admin. Asst. Melissa Macek	

2	EVENTION
Inspector	Fred Solomon
Inspector	Jon Toss-M
Inspector	Nelson Webb-M

SUPPRESSION

	STATION 1	STATION 2	STATION 3
A-SHIFT	Lt. Jason Blitchok Jay Coaster- M Annie Slaughter-M	Capt. Dane Hazelton - M Gary Chapman Anthony Summers - M	Mike McNamara - M Dianne Knapp- M
B-Shift	Lt. Mike Riedy - M Kat Lajoie (Attending) Brian Rowley - M	Capt. John Hering Tony Randolph - M Alix Swett-M Alan Lee - M Leah Harvey - M	Maddox Zurawski - M Brittany Ebersole - M
C-SHIFT	Lt. Bryan Shambeck -M Matthew Hess - M Jake Fortenberry (Attending)	Capt. Michael Strunk -M Nolan Taylor - M Steven Andary - M	Joseph Lewandowski- M Edwin Prado -M
POC		Sumi Dinda -M	Jonathon Goss

PART TIME	
PT Staffing	
Dave Ghesquiere-M	-
PT Field Training	
Eduardo Arellano	
Justin Lane	
Alexander Liogas	
Robert Trevino	
Garrett Worrell	

1/9/2024

Г	M = Paramedics	Admin / Fire Prev.	8
	28	Full-Time	26
52		POC	2
Department Physician Dan Wahl		Part-Time	6
		TOTAL	42

\* Honoray D



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#### New Hires and Swear Ins

In 2023, the department was fortunate to swear-in two (2) full-time firefighters, Steven Andary and Dianne Knapp, after one year of service with the department, before the City Council, city staff, members of the department, family members and residents. Inspector Nelson Webb was also sworn in as the newly promoted Fire Inspector. AHFD proudly added a new fire Inspector, three (3) full-time firefighters and five (5) part-time firefighters.



#### Committee Work

In valuing the department's employees and their input, committees were developed to research, analyze, and make recommendations to the department in several different areas.

**Engine/Aerial Committees:** Studies the specifications of varying fire engines and aerials to determine the best vehicle for the department and AHFD's specific set of needs.

*Facilities Renovation Committee:* Studies the remodeling of Station 2 in order to meet the specific needs of the department including bunk rooms, decontamination room, and centralized kitchen and living areas.

*Training Committee:* Handles, directs, and oversees any training events or activities including training at Oakland Community College and other facilities around Auburn Hills.







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#### SUPPRESSION DIVISION

AHFD's suppression division is responsible for mitigating any fire, environmental, rescue, vehicle, or other emergency including medical services. The department continues to work on improving emergency services, through better departmental structure, more advanced training, equipment/vehicle procurement, and constant strategy improvement.

#### Fire Suppression Call Volume Statistics

#### **Incident Calls by Year**

In 2023, AHFD responded to a total of 4,361 calls for service with emergency medical service calls accounting for 75% of all calls. From 2022 to 2023, there was an increase in calls by 156, or 3.7% increase.

Calls for Service by Type (3-Year)							
Service Call Type 2021 2022 2023							
EMS	2995	3083	3255				
False Alarms	330	343	318				
Good Intent	291	308	329				
Service Calls	289	255	171				
Hazardous	156	111	164				
Fire	69	76	70				
Special	19	28	53				
Overpressure	2	1	1				
Total 4151 4205 4361							

#### Incident by Property Type

Every structure or area in Auburn Hills obtains a property classification divided into ten (10) categories including assembly, educational, health care, residental, mercantile/business, industrial, manufacturing, storage, outside property, and other. Of the 4,361 emergency incidents that AHFD responded to in 2023, the top three (3) property types were incidents occuring at residental structures at 48.4% or 2110 incidents; outside properties such as roadways or parking lots at 14.7% or 643 incidents; and, health care facilities such as







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nursing homes, hospitals, clinics, and doctors offices which accounted for 11.4% or 495 incidents.

#### Incidents by Day of Week

Calls for service are usually quite consistent throughout the entire week; in 2023, AHFD had the highest amount of calls on Wednesday at 666 incidents and the fewest amount of calls on Sundays where 574 incidents occurred throughout the year. In the past three (3) years, AHFD maintained the same pattern of the least number of calls occurring on Sundays and the greatest number of calls occurring during the middle portion of the week.

The graph below shows the time of day that the incidents occurred. The call volume is very evenly split during the daytime hours and a decrease is noted during the overnight hours.







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#### Incident Volume by Station

Every call for service is classified by which district responded to the incident. To the right is a pie chart with each station's incidents throughout the year. In 2023, the majority of calls occurred in the central portion of the city where station 2 is located with a total of 2074 calls for service. The next busiest station was station 1 located in the southern area of the city which responded to 1310 calls for service. Station 3 located in the North-West area of the city responded to 977 calls for service.

The table to the right includes both the service call classification and the station response district. Station 2 responded to the highest number of total calls, leading with a total of 38 fire calls and 1417 EMS calls. Station 1 responded to 19 fire calls and 1018 EMS calls, while station 3 responded to 13 fire calls and 820 EMS calls.



Calls for Service by Station and Type							
Service Call Type	Type Station 1 Station 2 Station						
EMS	1018	1417	820				
False Alarms	74	194	50				
Service Calls	62	87	22				
Good Intent	79	201	49				
Hazardous	48	99	17				
Fire	19	38	13				
Special	10	38	5				
Overpressure	0	0	1				
Total	1310	2074	977				

#### **Fire Incident Response Time**

In 2023 the department started evaluating response data utilizing percentile response times in lieu of average response times. This provides a better understanding of the department's response by explaining the probability of crews arriving on scene of an emergency in a specific timeframe. Response time percentiles more accurately measure system performance as they indicate response metrics as a slice of a curve instead of averaging the data.







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Department Suppression Response Times in Minutes				
	70%	80%	90%	
Department Response Time	8:03	9:10	10:59	

The chart above reflects the fact that the department responds to suppression calls 70% of the time in approximately eight (8) minutes. 80% of the time, the department will arrive in approximately 9 minutes and 90% of the time firefighters arrive on scene in under 11 minutes.

#### Fire Incident Breakdown

Whenever suppression crews are needed for fire or fire-related incidents, these events are separated

and sorted by National Fire Incident Reporting System classifications. Many fire incident types are related to the specific area where the fire occurred or what exactly was burned. Of the seventy (70) firerelated incidents in 2023, the largest number of incidents were structure fires which accounted for twentynine (29) incidents. The second largest number of calls were related to vehicle fires accounting for eighteen (18) incidents, followed by natural vegetation fires which accounted for eleven (11) incidents.





BURN



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The estimated value of property affected by fire in 2023 was \$129,883,000. Over ninety-eight percent (98%) of property affected by fire was saved.



### Outdoor Burning Complaints

[Captain John Hering]

Each year, Auburn Hills allows open burning during two (2) separate timeframes pursuant to the City's Fire Prevention Ordinance. During the Spring and Fall season, residents are allowed to burn small amounts of leaves or brush. The City also allows residents to obtain a bonfire permit which allows for controlled burning of seasoned firewood with specific regulations for the time, day, spacing, and size. If a person calls 911 to report complaints about potential violations of these guidelines, AHFD is called out to the scene and these incidents are classified as an outdoor burning complaint. In

Burning Complaint Types by Year				
Run Disposition	2020	2021	2022	2023
Burning Complaint	64	42	45	28
Smoke Investigation	10	21	22	9
Outdoor Fire - Other	44	5	6	51
Total	182	110	118	88

2023, AHFD responded to a total of 88 incidents related to outdoor burning, which is approximately 25.5% lower than the number of incidents recorded in 2022. Of the 88 complaints, twenty-five (25) incidents were related to burning leaves.

There were three (3) recorded complaints of leaf burning during the Spring season. During the Fall season, a total of seven (7) leaf burning calls occurred. Seven (7) calls were in accordance with the ordinance and no violations were issued. The other fifteen (15) incidents in 2023 were considered "out of season". Residents have been cooperative and understanding when asked to extinguish their fires.





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In the time from 2020 to 2023, the total number of burning complaints has significantly decreased; with the number of burning complaints decreasing by thirty-six (36).



#### EMERGENCY MEDICAL SERVICE

[Administrative Officer Owen Milks]

Emergency medical services (EMS) are needed for a variety of incidents. EMS is a complex system of professionals working together to mitigate medical emergencies, transport patients to the hospital, and save lives. EMS incidents can range anywhere from heart attacks and strokes to back pain and headaches. In 2023, EMS accounted for 75% or a total of 3255 calls for service at AHFD.

#### Most Common Medical Complaint Types

Of the 3255 medical incidents during 2023, the most common dispatch reason was the chief complaint of a sick person at 28% of all medical incidents, followed by falls at 9%, and then by traffic/transportation incidents at 8%. The top 10 medical run dispositions included chest pain, unconscious/fainting persons, psychiatric issues, unknown medical problems, breathing difficulty, traumatic injuries and abdominal pain.

Top 10 Medical Run Dispositions			
Call Complaint	# Of Calls	Percentage	
Sick Person	901	28%	
Falls	287	9%	
Traffic/Transportation Incidents	262	8%	
Chest Pain/ Chest Discomfort	159	5%	
Unconscious/Fainting	157	5%	
Psychiatric Issue/Suicide			
Attempt	146	4.5%	
Unknown Problem	133	4%	
Breathing Problem	130	4%	
Traumatic Injuries	113	3.5%	
Abd Pain/ Problems	111	3%	





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#### Priority 1 Transports

A priority 1 transport is an emergency call that requires immediate response, coupled with a reason to believe an immediate threat to life exists. There are several factors to consider when deciding to transport a patient as a Priority 1 transport. Some of the most notable are unstable or deteriorating

vital signs; compromised airway; severe respiratory distress; cardiac resuscitation; and signs or symptoms of stroke. The chart to the right shows the number of priority transports the department performed in 2023.

Top 5 Priority 1 Transports		
Sick Person	33	
Breathing Problem	26	
Traffic/Transportation		
Incidents	26	
Unconscious/Fainting	19	
Stroke CVA/TIA	14	

#### Emergency Medical Incident Response Times

In 2023 the department started evaluating response data utilizing percentile response times in lieu of average response times. This provides a better understanding of the department's response by explaining the probability of emergency services reaching victims of medical emergencies in a specific time frame. Response time percentiles more accurately measure system performance as they indicate response metrics as a slice of a curve instead of averaging the data.

EMS Response Times				
	70%	80%	90%	
Response Time	8:15	10:07	11:00	

The chart above reflects the fact that the department responds to EMS calls 70% of the time in approximately eight (8) minutes. 80% of the time, the department will arrive in approximately 10 minutes and 90% of the time firefighters arrive on scene in 11 minutes.



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Simultaneous Incident Data

Simultaneous Calls by Amount				
Number of Instances	# Of Calls			
Year	2021	2022	2023	
Instances of 2 Concurrent Incidents	998	997	965	
Instances of 3 Concurrent Incidents	286	313	325	
Instances of 4 Concurrent Incidents	69	97	93	
Instances of 5 Concurrent Incidents	18	24	31	
Instances of 6 Concurrent Incidents	12	6	7	
Instances of 7 or More Concurrent Incidents	9	4	13	
Total 1392 1441 143				

The fire department is frequently faced with simultaneous calls for service. Multiple calls may overwhelm AHFD resources, and the model can become stressed. When this occurs, AHFD relies on mutual aid partnerships to assist with the high call volume. In 2023, there were a total of 1,434 concurrent incidents which is a decrease of .5% from 2022.

#### Mutual Aid Assistance

Mutual Aid partnerships are an important component of AHFD's response model. AHFD is a member of the Michigan Mutual Aid Box Alarm System (MABAS) 3201 Division. Through MABAS agreements, AHFD receives mutual aid assistance for all structure fires in Auburn Hills. In addition, AHFD reciprocates assistance to neighboring mutual aid partners for structure fires in their jurisdictions.

2023 Mutual Aid Requests			
Type of Mutual Aid	# of Instances		
EMS MA Received	49		
Fire MA Received	14		
EMS MA Given	32		
Fire MA Given	31		







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AHFD also utilizes mutual aid partners for emergency medical calls or car accidents when no AHFD ambulances are available due to response model stress. The department closely tracks EMS mutual aid requests as this poses an increased risk to health, safety, and welfare of the residents in Auburn Hills. In 2023, AHFD was forced to rely on EMS mutual aid for 2% of the medical calls in the city.

Rochester Hills Fire Department remains AHFD's closest mutual aid partner with 59% of the combined mutual aid, both given and received, followed by Orion Township Fire Department with 21% of the combined mutual aid. Rochester City Fire rounded out our top three mutual aid partnerships with 9% of the combined mutual aid responses.

Mutual Aid by Department				
Agency	Mutual Aid Given	Mutual Aid Received		
RHFD – Rochester Hills Fire Department	38	39		
Star EMS – Privatized EMS	1	0		
ROC – Rochester City Fire Department	7	5		
ORION – Lake Orion Fire Department	11	17		
WRFD – Waterford Regional Fire	1	0		
BTF – Bloomfield Township	4	4		
INDF – Independence	0	1		
OAT – Oakland Township Fire	1	0		
Oxford	0	0		
Alliance	0	1		
Medstar	0	1		
Total	63	68		



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### TRAINING DIVISION



The Auburn Hills Fire Department is committed to providing the highest level of service to the citizens, businesses, and visitors of Auburn Hills. To accomplish this, AHFD's training division provides the most current and comprehensive fire and EMS training to the members of the department, ensuring that AHFD's firefighters are equipped to perform their duties effectively and efficiently on every call for service throughout the city. Fire and EMS operations require significant annual training to ensure all federal and state regulations are completed.

AHFD's training committee is tasked with coordinating, planning, and collecting data for AHFD's training division as well as ensuring that all departmental members receive the necessary amount of training to stay proficient in their skills and compliant with MIOSHA requirements. To improve the collection and tracking of data, the committee explored different learning management software platforms available. The department continues to utilize an on-line training management platform (Target Solutions).



#### Departmental Training

In 2023 the department participated in 12,502.30 hours of training across the different training disciplines. These disciplines include hazardous materials, technical rescue, driving, EMS, suppression,



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officer development, and fire prevention education. This was a decrease of 539.7 hours. In 2023, the department averaged 1,042 training hours per month.

Between the seven (7) training categories that department staff attend, EMS training accounts for the most training with 5365 hours; suppression training is second with a total of 4250 hours. EMS and suppression calls for service account for the majority of the department's call volume. This makes it essential to continually work towards improving personnel's knowledge in these areas and ensuring the most up-to-date information is learned.

Training Hours				
Training Type 2022 Hours 2023 Hour				
Driver's Training	948.00	655.00		
EMS	3890.00	5365.00		
HazMat	374.00	576.00		
Technical Rescue	489.00	293.25		
Officer	1471.00	1007.05		
Suppression	5620.00	4250.00		
Prevention	250.00	356.00		
Total	13042.00	12502.30		

#### Active Assailant Exercise

The Auburn Hills Fire and Police Department conducted an active assailant exercise at Great Lakes Crossing in October. This exercise was designed to evaluate our ability to respond to and manage a large scale multicausality event. This exercise required eight months of planning and the assistance of many local agencies such as Great Lakes Crossing staff, Oakland University Police Department, the Oakland County Incident Management Team, and Oakland Community College EMS Program Students. Exercises such as these are critical to assess and improve our readiness to respond to and manage these complex and challenging incidents.









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#### Fire Suppression Field Training

In addition to the AHFD's regularly scheduled annual training requirements, firefighters also participated in high quality realistic training at acquired structures within the city. Acquired structures are typically vacant buildings that are scheduled to be demolished, or significantly renovated and can be used for aerial operations, ladder placement operations, search and rescue, Rapid Intervention Team (RIT) training, pump operations, active assailant training, hose deployment, and fire attack.

#### Incident Command Training

The department also focused on incident command training for all personnel. All full-time personnel, upon completing their field training program, are required to complete 50 hours of on-line Blue Card Hazard Zone Management system. This program teaches all members to properly "size up" a building and manage the initial stages of a structure fire, by initiating command, performing a risk assessment, developing tactical objectives, and assigning resources. Managing the initial stages of a structure fire in a systematic, consistent manner allows us to operate in the most efficient and safe environment possible. To support this program the department has trained two existing personnel as certified Blue Card Instructors. These instructors allow us to provide continuing education credits to our personnel and assist them in maintaining their certification and proficiency with the system.

### FIRE PREVENTION

The Fire Prevention Bureau (FPB) consists of three (3) fire inspectors who manage all plan reviews, building inspections, permitting, and occupancy data for the entire city. The fire inspectors are responsible for inspecting all businesses within City limits, from small occupancies such as gas stations to larger occupancies such as Stellantis and Great Lakes Crossing. The fire inspectors are also responsible for handling hazardous material classification and pre-incident plans for 233 occupancies that exceed regulated quantified thresholds of hazardous materials as determined by the State of Michigan.







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#### Plan Reviews and Inspections

[Fire Inspector Fred Solomon]

Fire inspectors are tasked with varying types of inspections, permit issuance, and pre-plan operations. In 2023, the total number of inspections increased by a total of three hundred and sixty-two (362) inspections or 55.52% as compared to 2022. The number of annual inspections increased by one hundred and four (104) or 63.41% and follow-up inspections increased by two hundred and four (204) inspections or 102% compared to 2022.

Inspections (Yearly Totals)				
Inspection Type	2021	2022	2023	
Annual	99	164	268	
Final Building	66	67	53	
Suppression/Detections	98	103	118	
Follow-Up	190	200	404	
Incident Preplanning	0	4	8	
Complaint	21	31	20	
Bonfire Permit Issued	28	38	31	
Knox Box Updates	43	45	112	
Total	545	652	1014	

The fire inspectors are accountable for all plan reviews in the city. Plan reviews are required for all new fire suppression or detection systems, modifications to those systems, building additions, temporary event plans, pyrotechnic events, prescribed burns, and any site plans for new occupancies or buildings. In 2023, the total number of plan reviews increased by twenty-eight (28) or 13.33% as compared to 2022.

Plan Review (Yearly Totals)						
Plan Review Type 2023 2022 2021						
Site	115	86	74			
Suppression	57	59	31			
Detection	54	51	42			
Temporary Event	12	14	7			
Pyrotechnic	0	0	0			
Total	Total 238 210 154					

2023 was an exciting year for the Fire Prevention Division as

we added a new inspector in February: Nelson Webb. Inspector Webb has served the department as a firefighter since 1994, and his promotion marks the first time since 2006 that the division has had three fire inspectors. After three months of training and field experience with the other inspectors, Inspector Webb began performing inspections on his own. The addition of Inspector Webb to the Inspection Division has resulted in a 55.52% increase in overall inspection activities during 2023 compared to 2022.

Additionally, the Inspection Division has been involved in a number of large projects such as the completion of the TUV/SUD electric vehicle battery testing facility on New Energy Way, and a number of new projects that are under construction or will start construction in 2024 including:

The Webster apartments on Auburn Road





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- The City Parking Garage expansion on Primary Street
- The Clover senior apartments on Taylor Road
- Fanuc Robotics on Featherstone Road
- The UL electric vehicle battery testing facility on New Energy Way
- Magna Seating on Brown Road

#### Hazardous Material Disclosures/Firefighter Right to Know

#### [Admin. Asst. Melissa Macek]

On April 7<sup>th</sup>, 1986, the State of Michigan enacted a three (3) bill public health and safety package into law; the three (3) laws included Michigan's Right to Know Law, Firefighter Right to Know Law, and Community Right to Know Law to protect employees, first responders, and communities.

These laws were created in coordination with the Occupational Health and Safety Administration's (OSHA) hazard communication standard. Every year, any business storing or using substances that are deemed hazardous in Auburn Hills must submit a hazardous material disclosure survey to AHFD to be compliant with Federal Firefighter Right to Know (FFRTK) laws. In the instance of an emergency, these disclosures are necessary to protect all responding agencies and departments to mitigate any hazardous substance



releases/spills or potential hazardous explosions as quickly as possible. The department continues to assure that all known hazardous material sites have been updated and incorporated into a mobile GIS application where our first responders have easy access to this pertinent information to help respond more safely to these dangerous sites.

#### Hazardous Material Site Permitting

Once AHFD requests this information, businesses are to complete their hazardous material disclosure. After they complete and return their disclosure, the Fire Prevention Bureau classifies the facility as a "Red", "Yellow" or "Green" site, depending on the types/quantities of the hazardous substances on site and whether they surpass thresholds set by the State of Michigan. After classification, each "Red" and "Yellow" business site is charged an annual permit fee. Those occupancies classified as "Green" do not require a hazmat permit because their materials stored are considered nonhazardous such as common cleaning supplies.







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There were one hundred and fifty-two (152) "Red" businesses and one hundred and thirty-two (132) "Yellow" businesses totaling to two hundred and eighty-four (284) businesses storing or utilizing hazardous materials in 2023. During the past four (4) years, the revenue received from the program has increased by an average of 23.41% or by approximately \$5,525 per year.

Hazardous Material Reporting				
Business Classification	2020	2021	2022	2023
Red	93	106	114	152
Yellow	130	127	123	132
Total	223	233	237	284
Permit Fees Collected	\$72,300	\$77,900	\$79,900	\$94,400

By continuously working on this program, the department also creates and maintains better relationships with businesses in the city. The hazardous material program continues to grow and allows the department knowledge of hazardous material sites within the city.

### SPECIAL OPERATIONS PARTICIPATION

AHFD personnel participate in various regional specialty teams. Specialty teams provide expanded training opportunities and valuable experience that is critical in successfully mitigating highly technical incidents such as hazardous materials incidents, technical rescue incidents, hostile tactical events, or large-scale disasters. Participation in regional specialty teams is voluntary, though encouraged for interested personnel as it increases knowledge, skills, and abilities for high risk/low frequency emergencies and increases AHFD's ability to protect Auburn Hills residents. AHFD currently has one (1) personnel member on the MABAS 3201 Hazmat Team and three (3) personnel members who are active on the Technical Rescue specialty teams.



HILLS BURN



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Hazardous Material Team

[Firefighter Sumi Dinda]

Established in 2002, the Oakland County Hazardous Materials (Hazmat) team, known as OCHMRT, was created with the primary goal of offering expertise and guidance in managing and eliminating hazardous substances. Comprising members from MABAS-3201 fire departments, the team is tasked with responding to various hazmat incidents in Oakland County, including industrial hazardous material events, hazardous materials complaints, suspected terrorist incidents, clandestine drug lab sites, tanker truck rollovers, train derailments, MSP Bomb Squad support, and Federal Bureau of Investigation (FBI) terrorism incidents. In addition to their response duties, the OCHMRT conducts air monitoring during incidents to ensure the safety of both



fire personnel and community residents. The team, staffed 24/7, is made up of highly trained Hazardous Materials Technicians and Specialists, all of whom are volunteers from MABAS-3201 fire departments.

Among the dedicated team members is firefighter/paramedic Sumi Dinda from AHFD. FF Dinda holds certification as a Hazmat Specialist and is authorized by the Fire Training Council of the state of Michigan to instruct Hazmat awareness and operations, a role he has consistently fulfilled since 2008 at NOCFA. Annually, AHFD willingly hosts the Hazmat segment for the North Oakland Fire Academy, a two-week course sanctioned by the Fire Training Council of the state of Michigan.



Maintaining active status within the team necessitates the completion of a minimum of 100 hours of hazmat training, encompassing both inhouse sessions and external programs, in addition to regular fire and EMS training. Team members undergo comprehensive training focused on identifying and mitigating hazardous materials, particularly those associated with Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) substances. The OCHMRT's training regimen extends to handling hazmat incidents related to Weapons of Mass Destruction (WMDs)



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and clandestine drug laboratories. OCHMRT additionally organized specialized training sessions addressing Lithium-ion batteries, vehicles powered by compressed natural gases (CNG), and emergency incidents involving propane cylinders. These sessions were prompted by the heightened utilization of these chemicals within the transportation industries, which underscored the team's commitment to staying abreast of evolving hazards and ensuring preparedness to handle emergent situations.

In the year 2023, OCHMRT was called into action for a total of 23 incidents, with 11 requiring the entire team's activation, while the remainder involved consultations with team leaders. Members from AHFD responded to four of these activations, tackling diverse challenges such as



a Chlorine leak at a country club in Orion Township on May 28, a chemical suicide during a residential call in Troy on July 23, a vector truck rollover causing a spill of approximately 75 gallons of hydraulic oil on August 21, and a fire at an oil refinery in White Lake Township.



During these incidents, OCHMRT played a pivotal role in air monitoring, as well as the identification and mitigation of hazardous chemicals, demonstrating their expertise in ensuring the safety of the affected areas.







### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

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#### Technical Rescue Team

[Firefighter Gary Chapman]

The Auburn Hills Fire Department has personnel that are trained and certified in technical rescue response. Personnel with this specialized training and certification belong to a county wide team called the North Oakland County Technical Rescue Team that responds to trench rescue, high and low angle rope rescues, confined space rescues, ice and water rescues, structural collapse rescues and heavy

machine rescues, not just in our city, but throughout Oakland County.

The fire department has a special response vehicle that carries specialized equipment for our personnel to initiate one of the disciplines until the county team can arrive with a larger cache of equipment that will be used to mitigate the situation.



AHFD currently has three (3) active members on the MABAS 3201 Technical Rescue Team. Each member is required to train at least five (5) times annually in addition to their yearly required fire and EMS training. The department has yearly scheduled training for many specialized response events including swift water rescue where personnel use cold-water suits and special rope operations to save victims trapped in freezing waters.

#### OakTac

In 2022 AHFD became an associate member of the Oakland



County Tactical Response Consortium. The consortium was formed in 2009 to prepare Oakland County in the event of a major incident requiring a mutual-agency response. OakTac provides training and shared resources to strengthen overall preparedness for large scale events and support member agencies. The OakTac associate membership has improved interagency relationships and increased response capabilities.



HILLS BURN



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#### Oakland County Incident Management Team

AHFD Command Staff also fill important roles as members of the Oakland County Incident Management Team (OCIMT). The OCIMT was formed in 2006 and includes representatives from fire departments, law enforcement, public health, public works, and emergency management. The purpose of OCIMT is to provide support for incidents that overwhelm local communities. In 2023, the OCIMT transitioned from a local entity with oversight from various Oakland County mutual aid partners to a county resource with oversight provided by Oakland County Emergency Management. The change increased the team's capability and allowed for improved service delivery throughout Oakland County as well as the entire state. OCIMT assisted with multiple planned events in 2023 which included the North American Active Assailant Conference in Troy and the Rochester Christmas Parade.

### Public Education/Community Risk Reduction/Community Outreach

The department had many opportunities to provide public education to the neighboring businesses and schools in the city in 2023. Fire extinguisher classes were numerous, with companies requesting their employees be given the training and education to properly use a fire extinguisher, should the need ever arise. Many community schools took advantage of the educational experiences the fire department provides with visits to classrooms, fire truck visits, fire safety discussions and station tours. Students were challenged with knocking traffic cones over with fire hoses, and learned to Stop, Drop, and Roll in the event of a fire. They were able to see all the components of a fire truck and learned about air packs.





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Senior Citizens were also included in educational opportunities. The File of Life program was presented to a group of seniors who were shown how this helps inform emergency personnel of a patient's health status and prescribed medications upon arrival. There is one (1) certified child safety seat technician in the department. This technician was able to inspect thirty-one (31) car seats for safety and proper installation in 2023.







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### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

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#### Meals on Wheels

For the 12<sup>th</sup> consecutive year, senior citizens of Auburn Hills who are homebound received meals prepared and distributed by the fire department. Firefighters cooked, packaged, and helped deliver 58 meals on Christmas Day to seniors in need of assistance. Twenty-nine (29) people were given 2 meals each consisting of prime rib, ham, baked potatoes, green beans, corn, pecan sweet potatoes and dessert. AHFD assists the Auburn Hills Community Center in this generous and helpful venture.





#### Helping Hands

AHFD's Helping Hands program is a non-profit managed by several firefighters in the department. This program donates both time and money to in-need citizens in the community. The Helping Hands program is essential in building community relationships between the department and the community by giving aid to those needing it most. After a fire, residents in need are offered hotel stays and gift cards to buy essential needs that were destroyed by fire. Several city residents donated to this organization in 2023 with hopes that the organization will continue to benefit burnout victims after fires occur.

#### Spooktacular Participation

Through participation in the City's annual Spooktacular event, two of the department Fire Inspectors were able to hand out goodie bags to over 400 children. Each goodie bag contained fire educational







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resources, AHFD logo apparel, a handful of candy, and useful school supplies. AHFD would also like to thank the Helping Hands organization for donating twelve (12) large bags of candy for this event. The event was a success, especially due to the unseasonably warm and sunny weather, and allowed for a safe and fun way to enjoy Halloween for both children, teens, and adults alike.



#### SIGNIFICANT INCIDENTS

During 2023, there were several significant incidents that required specialized response or noteworthy mutual aid from AHFD. Below are incidents that made a lasting impression on the department and community.



<u>JBURN</u> HILLS



#### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

#### Ice Storm-2/22/2023

A severe ice storm occurred on February 22<sup>nd</sup> and 23<sup>rd</sup>, affecting the residents and visitors of Auburn Hills. The Fire Department fielded a total of seventy-one (71) calls during the 2-day event. One of the

more significant incidents involved a primary electric line that fell on a residents shed near their home. The line was energized and destroyed the shed. DTE was unavailable to cut power to the line, so fire personnel had to use hand lines to protect the residents house from catching fire until power could be shut off to the live power line. This resulted in the total loss of the shed. Of the 71 calls that were dispatched, 54 incidents were directly related to the storm. There were multiple



fires caused by downed power lines, trees and power lines that had fallen across roads, houses and driveways, and residents needing assistance with power related issues.

#### Apartment Fire-4/28/2023



Fire broke out in an apartment complex on the afternoon of April 28<sup>th</sup>. First responders arrived to find smoke showing and residents fleeing the building. Firefighters carried a handline into the main hallway and forced open the apartment door. Using tank water from Engine 1, the crew successfully extinguished the fire. Overhaul was completed and the fire was contained to the kitchen area of the apartment. Six (6) individuals were treated at the scene, four (4) of whom were transported to Ascension Hospital. Inspectors Solomon and Webb were called to investigate. Based on available



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evidence and information, the inspectors determined the origin of the fire was an unattended pot left to simmer on the stove.

#### Commercial Structure Fire-11/06/2023

AHFD was called to a structure fire on November 6<sup>th</sup> at a 4-story building under construction. Upon arrival, the crew saw smoke coming from the open garage. Engine 1 crew extended a hand line and extinguished the visible fire, seen in the ceiling of the mechanical room. Ladder 2 crew arrived and together both crews attacked the concealed fire revealed with the use of the thermal imaging camera. The 2-layer thick ceiling drywall was pulled, showing the remaining fire, spanning the width of the garage. Engine 1 crew extinguished the remaining fire and completed the overhaul and cooling of the structure. Inspectors Solomon and Toss arrived on scene to investigate. The area above the mechanical closet was identified as having the greatest fire damage.

#### Residential Fire-11/13/2023

The Fire Department was dispatched to a residential fire on the evening of November 13<sup>th</sup>. Engine 3 crew arrived to find fire, smoke, and melted blinds visible through the second-floor window. Firefighters immediately attacked the fire, extinguishing it with their hand line. Once salvage and overhaul were completed, Inspectors Solomon and Toss arrived to conduct an investigation. Based on the fire patterns, investigators believe the fire originated in the laundry room.





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#### Residential Fire-12/23/2023

Auburn Hills Fire was alerted to a residential fire on the morning of December 23<sup>rd</sup>. A barking dog woke

the residents, alerting them to a house fire. The residents were able to flag down Rescue 2. Engine 1 arrived and the crews from E1 and R2 entered the home for a fire attack with a handline. Firefighters discovered the fire in the kitchen. They also freed a dog from inside



one of the bedrooms. AHFD extinguished the fire, checked the basement and upstairs for extension and reported the fire was out. Fire departments from Rochester Hills, Rochester City, and Orion Township assisted on scene and provided backup coverage for the city. Oakland County Sheriff's department was contacted for investigation.









### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

### DEPARTMENT FLEET

[Firefighter/Paramedic Tony Randolph]

AHFD's vehicle fleet includes a variety of vehicles used in the protection of the City of Auburn Hills to mitigate both small and large medical and fire emergencies. At the end of 2023, AHFD owns and operates a total of eighteen (18) vehicles which include three (3) administrative vehicles, one (1) command vehicle, three (3) fire prevention vehicles, one (1) utility vehicle, four (4) rescue ambulances with one of the four rescues as a reserve, two (2) fire engines, three (3) aerial ladder trucks (quints) and one (1) special response vehicle.

Station 1 houses Rescue 1, Engine 1, SR 1, and Ladder 1 Station 2 houses Rescue 2, Ladder 2, Rescue 4 (reserve) and Captain 1. Station 3 houses Rescue 3, Engine 3 and Ladder 3.

#### EMS

All AHFD's four (4) State licensed Advanced Life Support (ALS) ambulances are equipped to handle Medical First Responder (MFR), Basic Life Support (BLS), and Advanced Life Support (ALS) emergency medical services and transportation.

#### Suppression - Fire Engines

AHFD took delivery of our newest rescue apparatus, a Wheeled Coach F450 four-wheeled drive rescue in September, making three (3) of the four (4) rescue vehicles the same make and model, significant for consistency and ease of use. All equipment and the location of the equipment is uniform, allowing firefighters to perform their duties more efficiently.




HILLS **BURN** 



### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

In 2023, AHFD formed a Fire Apparatus Committee. This committee has the responsibility to gather information and develop specifications for new fire apparatus for the fire department.

The fire apparatus committee was tasked with the gathering of ideas and information to spec out a new 80-foot quint/ladder for purchase. The committee evaluated many quint manufacturers to develop the best functional apparatus for the department. The committee recommended the purchase of a new 80-foot Rosenbauer aerial quint/ladder. After Public Safety Advisory Committee and City Council approval, the order was placed with Rosenbauer with an intended delivery date of early 2025.

#### **Station 1 Apparatus**

Rescue 1	Fleet #2327	
Make		Ford
Model		F450 4x4
Year		2023
Cost		276,072.00
Useful Life		6 years
Current Life		New
Idle Hrs		151
Engine Hrs		241
Mileage		3,015
	Approvimate	
Year	Approximate Maintenance	
2023	\$ 3,243.99	



Ladder 1	Fleet #230	
Make		E-One
Model		Cyclone II
Year		1997
Useful Life		15 years





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### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

### 2023 Year-End Report

Current Life	27 years
Pump Hrs	1,258
Engine Hrs	1,909
Mileage	50,751

Year	Approximate Maintenance
2021	\$ 5,834.62
2022	\$ 2,994.50
2023	\$ 8,388.84

Engine 1	Fleet #2106	
Make		Rosenbauer
Model		Commander
Year		2020
Useful Life		15 years
Current Life		4 years
Pump Hrs		199
Engine Hrs		1,094
Mileage		15,439
Year	Approximate Maintenance	

\$ 3,426.25

\$ 3,788.88

\$



0.00



SRU	Fleet #213	
Make		Hackney
Model		SRU
Year		2001
Useful Life		N/A
Current Life		23 years



2021

2022

2023



Engine Hrs

Mileage

HILLS BURN



### Fire Department

15,439

### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# **2023 Year-End Report**

Year	Ap	proximate
rear	Ma	intenance
2021	\$	676.76
2022	\$	1,091.17
2023	\$	0.00

#### **Station 2 Apparatus**

Captain 1	Fleet #2102	
Make	Do	dge
Model	Ra	m 2500 4x4
Year	202	20
Useful Life	7 у	vears
Current Life	4 y	vears
Idle Hrs	10	38
Engine Hrs	97.	5
Mileage	32.	,150
Year	Approximate	
	Maintenance	
2021	\$ 1,261.50	
2022	\$ 1,855.70	
2023	\$ 1,899.05	



Rescue 2	Fleet #2103		_
Make		Ford	aska.
Model		F450 4x4	
Year		2020	5
Useful Life		6 years	





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### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

### 2023 Year-End Report

Current Life	4 years
Idle Hrs	2,217
Engine Hrs	1,598
Mileage	30,485

Year	Approximate	
Teal	Maintenance	
2021	\$ 908.66	
2022	\$ 3,798.73	
2023	\$ 897.27	

Rescue 4	Fleet #225	
Make		Chevy (chassis)
Model		G4500 chassis Box - Life Line
Year		Chassis 2015 Box 2007
Useful Life		6 years
Current Life		9 years
Idle hrs		
Engine Hrs		8,202
Mileage		123,455
Year	Approximate Maintenance	
2021	\$ 6,347.25	
2022	\$ 901.03	
2023	\$ 1,544.15	



Ladder 2 75 ft Quint	Fleet #2211	
Make		Rosenbauer
Model		Commander
Year		2021
Useful Life		15 years
Current Life		3 years





HILLS BURN



### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

## 2023 Year-End Report

Pump Hrs	31
Engine Hrs	996
Mileage	13,774

Year	Approximate Maintenance	
2021		
2022		
2023	\$ 1,825.50	

#### **Station 3 Apparatus**

Rescue 3	Fleet #2017	
Make		Ford
Model Year Useful Life Current Life Idle Hrs Engine Hrs Mileage		F450 4x4 2020 6 years 9 years 2,284 4,091 57,708
Year 2021 2022 2023	Approximate Maintenance \$ \$ \$ 2,368.36	



Ladder 3 100 ft Quint	Fleet #1809	
Make		Rosenbauer
Model		Commander
Year		2018
Useful Life		15 years
Current Life		7 years





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### 2023 Year-End Report

Pump Hrs	303
Engine Hrs	1,258
Mileage	15,865

Year	Approximate Maintenance
2021	\$ 3,227.40
2022	\$ 15,259.81
2023	\$ 1,641.66

Engine 3	Fleet #1512	
Make		Rosenbauer
Model Year Useful Life Current Life Pump Hrs Engine Hrs Mileage		Commander 2015 15 years 9 years 681 6,274 77,625
Year 2021 2022 2023	Approximate Maintenance \$ 11,113.25 \$ 29,614.81 \$ 11,705.69	







Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

### BUDGET

The 2023 budget saw an increase in both revenues and expenditures compared to 2022. Costs in Administration and the Fire Prevention Division increased in 2023 compared to 2022 while Suppression costs decreased. The increase in Administration resulted from planned projects. Fire Prevention increased costs as an inspector was added to the Division.

Budget Line-Item Description	2023 Budget Results
Fire Total Revenue	\$6,808,787.36
Fire Total Expenditures	\$5,335,911.88
Administration Division	\$819,443.42
Suppression Division	\$4,036,034.18
Fire Prevention Division	\$480,434.28
Revenue/Expenditure Difference	\$1,472,875.48

### ADMINSTRATIVE DIVISION

AHFD's administrative personnel have been working tirelessly to support our strategic goals. Employee surveys were created and submitted to identify key areas that our personnel identified as important items to focus on in the coming year. Areas of attention that were identified focused on employee retention and recruitment, succession planning, and training. The department continues to focus on the strategic goals of a new reporting and inspection software platform, station alerting systems, and station renovations. The department focused on succession planning by enrolling several of our personnel in Fire Instructor classes, Incident Safety Officer, National Incident Management (NIMS) 300 & 400, and Fire Officer 1, 2, & 3 classes to prepare our personnel for leadership opportunities within the department in the future. A department wide Promotional Assessment took place in 2023 in preparation for future leadership opportunities.

Other important areas that the department concentrated on this past year include:

- Continue Incident Communication Improvement
  - o BlueCard ICS Training





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## 2023 Year-End Report

- o Fire Critiques
- Promotional Assessment and Testing Center
- Cultural Excellence Training
- Career Survival and Emotional Wellness Training
- Active Assailant Training
- Suppression Tablets for Emergency Responder Access to Fire Fighter Right To Know (FFRTK)
- Policy Updates and Review
- Grant applications and alternative funding opportunities
- Providing community CPR & First Aid Training

With each improvement and administrative item being addressed, the Auburn Hills Fire Department is better able to effectively support the city, its citizens, and Oakland County.

### Department Strategic Plan

In order to build a solid foundation and plan for the future, AHFD has developed a five-year strategic plan, starting in 2020. This strategic plan addresses the challenges and opportunities that the organization faces today and, more importantly, those that may challenge the department tomorrow. This five-year strategic plan will be reviewed and modified as needed in incremental periods of time. Below is the department's five-year goal:

- GOAL 1: Reduce community risk by increasing fire safety and prevention programs and developing key strategic partnerships.
- GOAL 2: Improve the way in which we manage, engage, and support our employees in the area of training.
- GOAL 3: Expand opportunities to improve the wellness of each employee, specifically related to safety, education, mental health, and fitness.
- GOAL 4: Provide leadership and management across the organizations structure which allows us to build a healthy, performance-based culture of success.
- GOAL 5: Invest in technology to drive improved work processes and service levels across all areas of the department.
- GOAL 6: Develop and implement strategies that allow us to recruit and retain professional fire fighters.
- GOAL 7: Implement ET3 services to enhance medical care delivered to the community.



HILLS BURN



### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

### Fleet Replacement Program

[Firefighter/Paramedic Tony Randolph]

In September 2023, the department took delivery of a new Wheeled Coach F450 four-wheel drive ambulance from Emergency Vehicles Plus (EVP) located in Holland Michigan. With the delivery of this new ambulance/rescue the department was able to replace an aging ambulance/rescue with the new ambulance/rescue.

This is the first time in the fire department's history that it has three (3) identical ambulance/rescues. This is useful in that all equipment and location of the equipment is uniform, allowing firefighters to perform their duties more efficiently.



### Grant Funding

[Administrative Officer Owen Milks]

Assistance to Firefighters Grant (AFG) - The Auburn Hills Fire Department was awarded a regional

Assistance to Firefighter (AFG) grant that that focused on much needed replacement of our 24-year-old Self Contained Breathing Apparatus (SCBA) filling station. This critical piece of equipment is used to fill air bottles that are utilized by firefighters to breathe while fighting fires or on hazardous materials incidents. The total federal funding amount for the project is \$69,090.





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### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

#### *Michigan Department of Health and Human Services (MDHHS) EMS Workforce Grant* – The Auburn



Hills Fire Department was awarded two (MDHHS) EMS Workforce grants to fund emergency medical education programs for our staff. This grant will fund the cost of tuition, books, and wages for personnel to attend EMT-Basic and Paramedic initial education programs to help alleviate the national shortage of EMS providers. EMT- Basic students must complete over 260 hours of education and Paramedic students must complete over 1,100 hours of education to obtain their license. The total (MDHHS) funding awarded for this program is \$367,105. To date the grant has funded thirteen students.

#### Fire Department Station Alert System

Technology for toning and alerting fire personnel needed to be updated to meet today's technology. A committee was formed and after extensive research, Bryx Station Alerting was determined to be the most innovative, efficient, and costeffective system. Although the company is located in New York, their system's server will be located in Detroit, Michigan. The



Bryx system is a cloud-based system, providing real-time information and can also control station lighting, turn off cooking appliances when a call is dispatched and displays call information on TV monitors located in the stations. This system is used in hundreds of fire departments, ambulance companies and police departments across the country.

#### Medical Service Revenue

The total amount of EMS fees billed in 2023 was \$1,272,008 whereas the total revenue/amount collected was \$901,375.

Year:	2022	2023
Billed	\$ 1,478,471	\$ 1,272,008
Collected	\$ 881,953	\$ 901,375

The total amount collected increased by \$19,422 as compared to 2022, representing a 2.16% increase.





#### Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

### 2023 Year-End Report

In 2023, the largest amount billed occurred in June while the largest amount collected was found in March. The highest amounts billed were \$159,815 in June and \$156,922 in November. Seventy-one percent (71%) of the amount billed was collected this past year. Compared to last year's medical revenue, the department billed \$206,463 less and collected \$19,422 more in revenue.

<u>Keport</u>			
2023 Monthly Medical Revenue			
Month:	Billed	Collected	
January	\$132,842	\$73,234	
February	\$127,821	\$85,547	
March	\$105,374	\$100,401	
April	\$76,727	\$60,688	
May	\$59,799	\$74,997	
June	\$159 <i>,</i> 815	\$66,342	
July	\$107,614	\$99 <i>,</i> 846	
August	\$136,728	\$92,115	
September	\$79 <i>,</i> 618	\$75,446	
October	\$24 <i>,</i> 783	\$43,481	
November	\$156,922	\$74,308	
December	\$103 <i>,</i> 965	\$54,970	
Total	\$1,272,008	\$901,375	

#### PUBLIC SAFETY ADVISORY COMMITTEE

The Public Safety Advisory Committee (PSAC) serves as an advisory board providing input from citizens to the public

safety administration and City Council. The committee is comprised of five (5) Auburn Hills residents, one of whom is appointed by Council, one recommended by each of the Fire and Police Departments and two recommended by the Mayor. Committee members review budget proposals, policies, and receive monthly and annual reports. All meetings are open to the public and are held on the fourth Tuesday during the months of February, May, and August.



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Auburn Hills Fire Dept. 3410 E. Seyburn Road, Auburn Hills, MI 48326

# 2023 Year-End Report

#### POSITIVE FEEDBACK

The Department appreciates hearing from the residents and visitors to the city when there has been any interaction. Below are some comments from people who have taken the time to let us know how we are doing.



sending warm hugs

- Ikank you on 2 rescues - Novembe

