

City of Troy Fire Department

2015 Annual Report







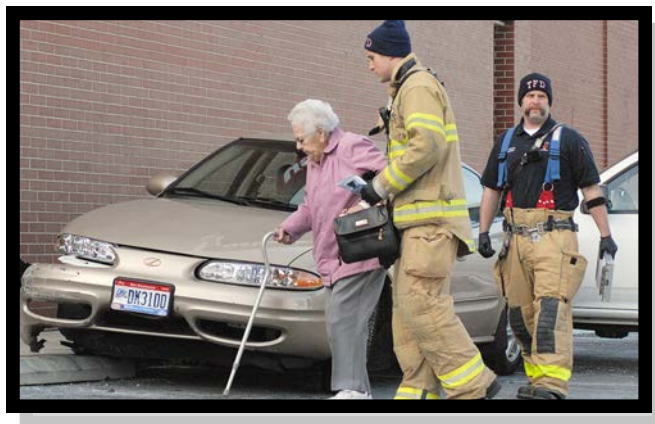


City of Troy Fire Department

2015 Annual Report

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City of Troy Fire Department

Message From Fire Chief Matthew D. Simmons



As Chief of the Troy Fire Department, and on behalf of the dedicated personnel who are committed to the safety and wellbeing of our great community, it is with pleasure that I present to the honorable Mayor Michael L. Beamish, his staff, members of City Council, and most importantly the citizens of Troy, the 2015 Troy Fire Department Annual Report.

It was such an honor to be sworn in as the Fire Chief on May 11, 2015. I look forward to what lies ahead. As the Fire Chief, I will commit to the great citizens of this community to be a great steward of what I am entrusted with. I will be a visionary and help guide this department to exceed the expectations of our community.

2015 was a year filled with events that helped shape the future of Troy Fire Department. We suffered through devastating incidents that shook not only us but the whole community. Through these events we grew as a department and a community. We learned from these events and started the fund "Troy Carbon Monoxide Detector" to ensure we help prevent tragedies in the future. To date, our crews have installed carbon monoxide/smoke detectors in over 270 residences in our community.

In 2015, we placed into service a new rescue engine for Station 1. This engine will enable us to respond to all hazards including technical rescue, HazMat, high angle rescue, confined space and water rescue.

It is my responsibility to ensure the safety of the community, while ensuring the safety of my personnel. As Chief, I will ensure my personnel have the required education, training and equipment to complete their commitment to this community.

On behalf of the dedicated firefighter/paramedics of the Troy Fire Department, I give my sincere appreciation to Mayor Michael L. Beamish, his staff, members of City Council, and the citizens of Troy for their continued support and assistance.

Sincerely,

Matthew D. Simmons

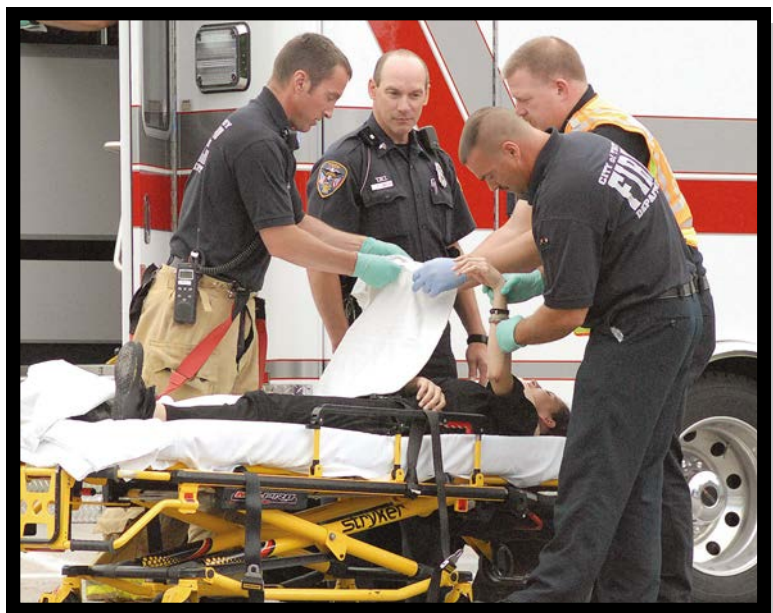
Fire Chief



City of Troy Fire Department

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ANNUAL BUDGETS

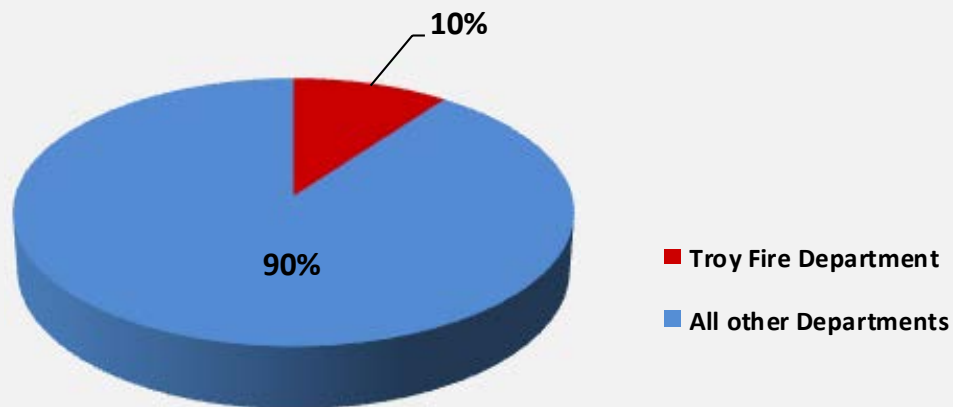


City of Troy Fire Department

2015 ANNUAL BUDGET

2015 City of Troy Expended Budget

	Approved Budget	Expended	Total Exp.
City of Troy Budget	\$73,131,476.00	\$56,344,866.00	100%
Troy Fire Department	\$5,911,487.00	\$5,709,155.00	10%
All other Departments	\$67,219,989.00	\$50,635,711.00	90%



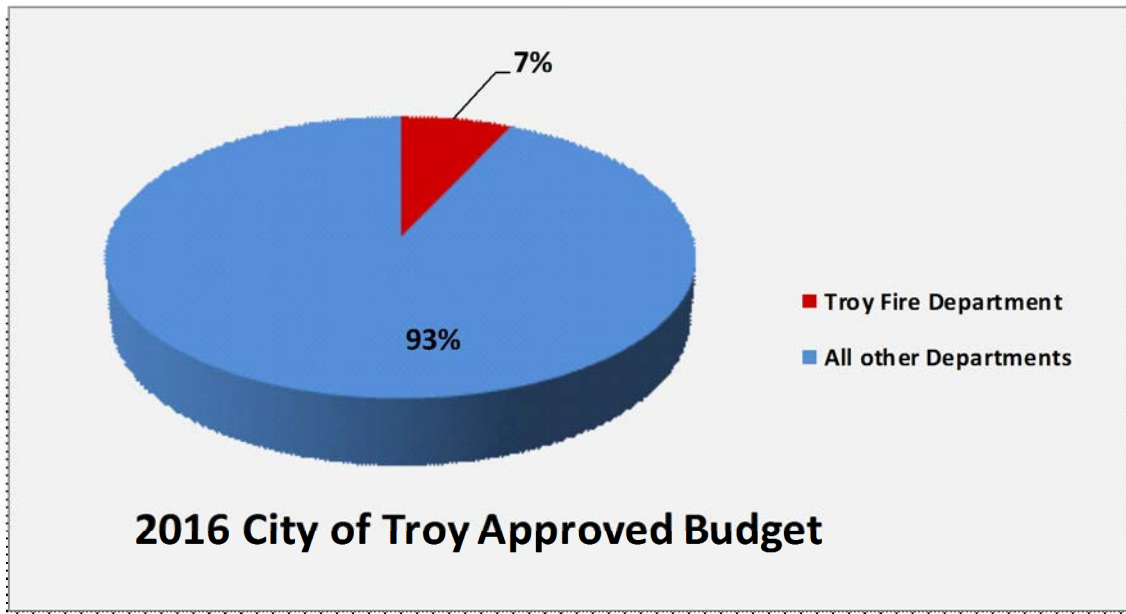
2015 City of Troy Expended Budget

City of Troy Fire Department

2016 ANNUAL BUDGET

2016 City of Troy Approved Budget

	Approved	Total
City of Troy Budget	\$78,891,002.00	100%
Troy Fire Department	\$5,462,073.00	7%
All other Departments	\$73,428,929.00	93%





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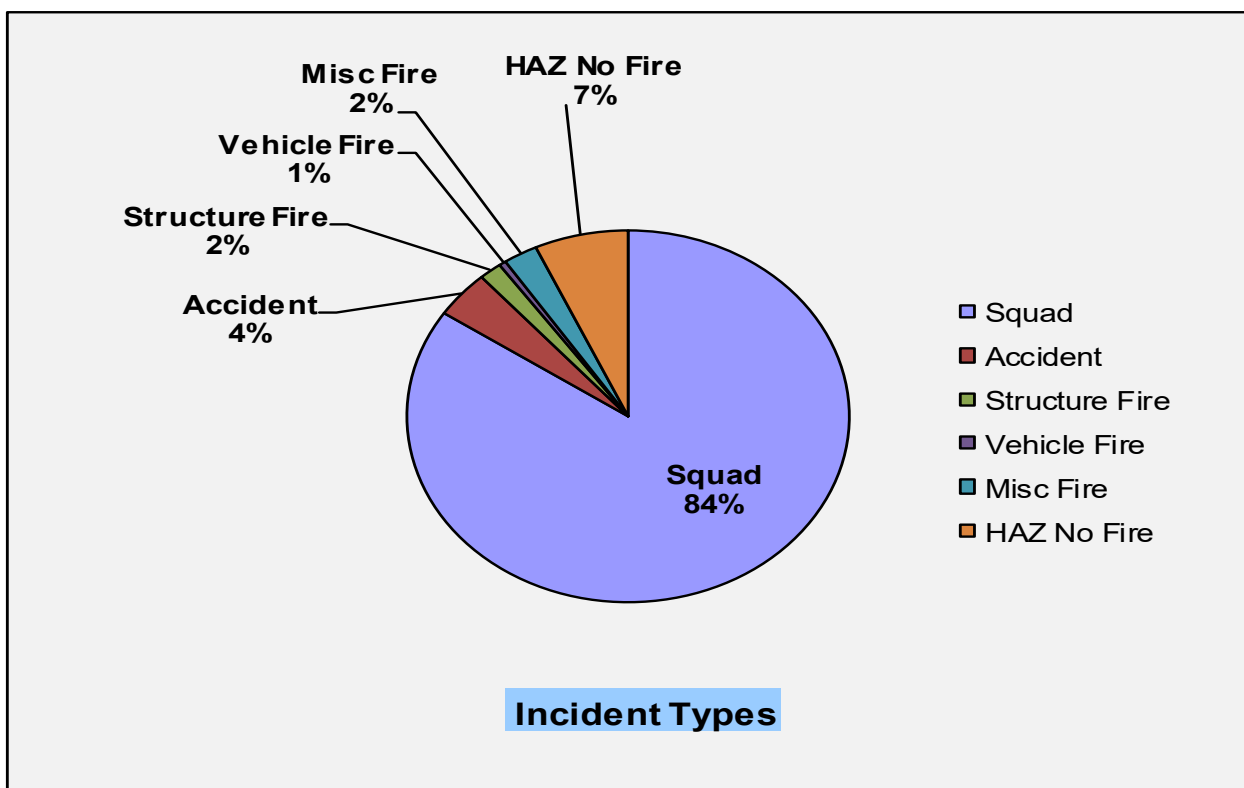
FIRE DEPARTMENT STATISTICS



City of Troy Fire Department

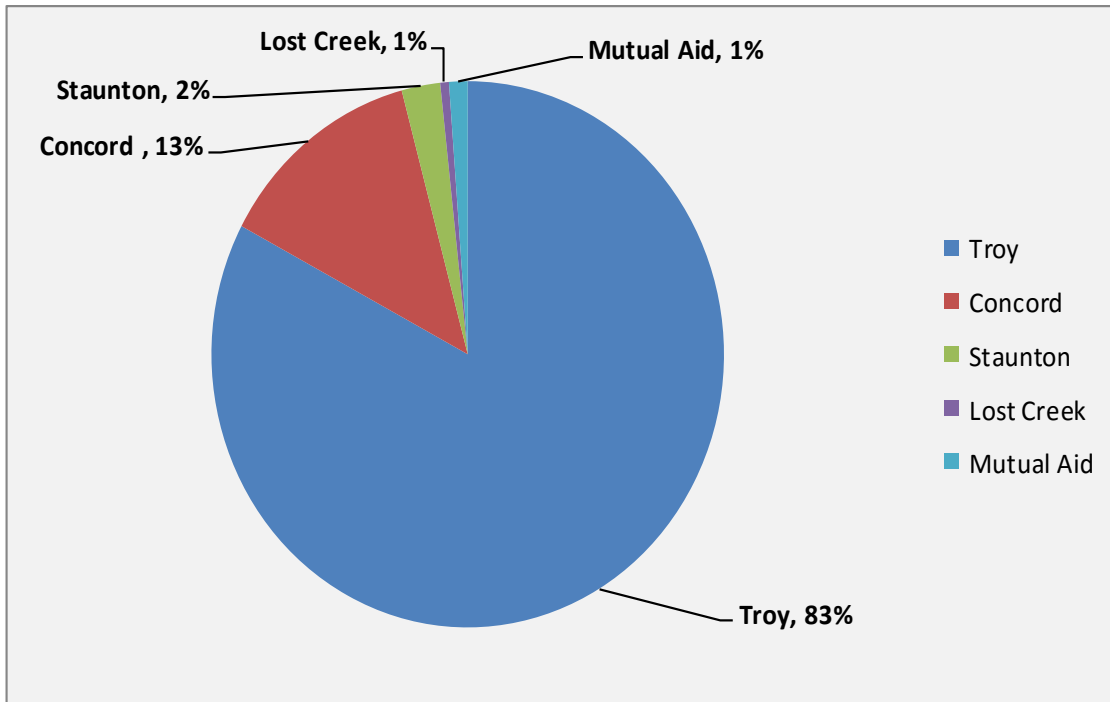
2015 Incident Statistics

2015 Total Incidents		
	Total	% of Fire Calls
EMS Incident	4472	84%
Motor Vehicle Crash	218	4%
Structure Fire	88	2%
Vehicle Fire	27	1%
Misc Fire Non-Structure	133	3%
Fire No Hazard Found	363	7%
Total Fire Call	5301	100%



Incident Statistics

Total Incident Report		
	Total Incidents	% of Total
Troy	4388	83%
Concord	693	13%
Staunton	129	2%
Lost Creek	29	1%
Mutual Aid	62	1%
Total	5301	100%



Incidents						
	Troy	Concord	Staunton	Lost Creek	Mutual Aid	Total
EMS Incident	3741	563	95	24	44	4467
Motor Vehicle Crash	131	53	15	5	14	218
Structure Fire	73	8	3	0	3	87
Vehicle Fire	16	8	3	0	0	27
Misc Fire	105	23	9	0	0	137
Fire No Hazard Found	322	38	4	0	1	365
Total Incidents	4388	693	129	29	62	5301

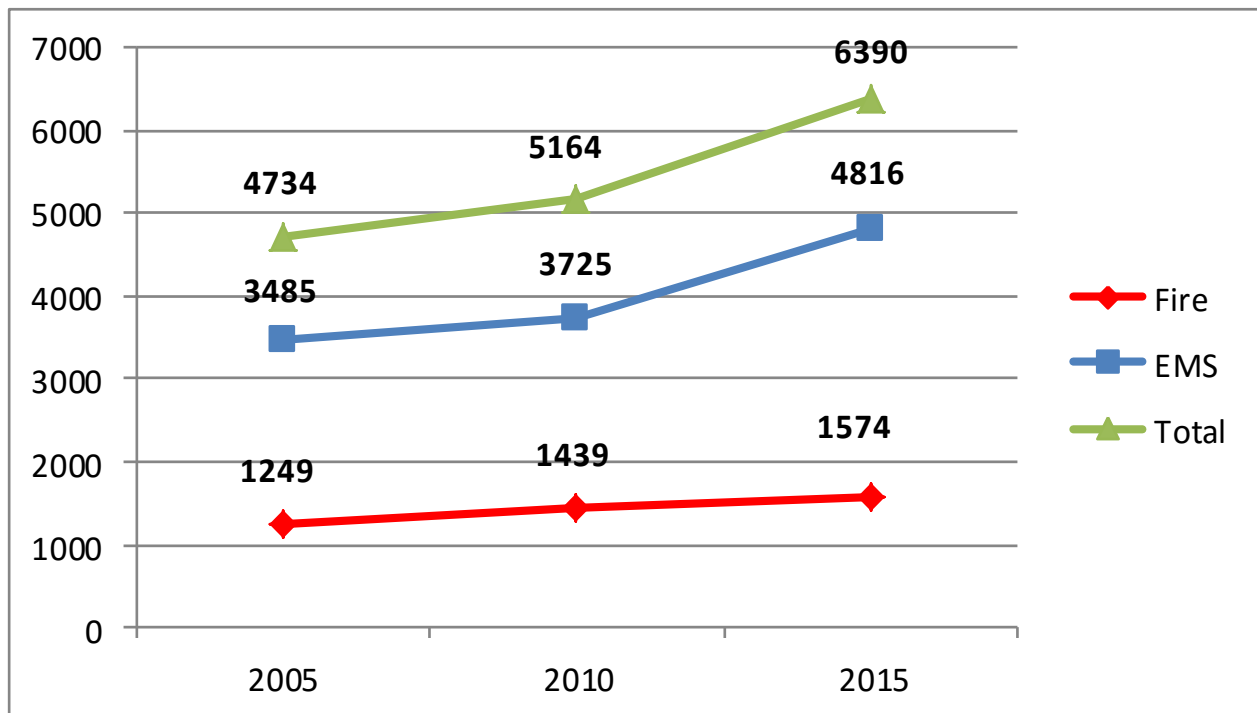
Fire Statistics

2015 Total Response Report

	EMS Responses	Fire Responses	Total	% of Total
Troy	3990	1274	5264	82%
Concord	632	222	854	13%
Staunton	114	65	179	3%
Lost Creek	28	6	34	1%
Mutual Aid	52	7	59	1%
Total	4816	1574	6390	100%

Overview of Fire Department Responses

Year	2005	2010	2015
Fire	1249	1439	1574
EMS	3485	3725	4816
Total	4734	5164	6390



Dollar Value Saved & Loss Analysis

Total Value	Total Loss	Total Saved	Percent Loss	Percent Saved
\$ 12,609,550	\$ 595,605	\$ 12,013,945	4.72%	95.28%

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SIGNIFICANT FIRE INCIDENTS



City of Troy Fire Department

2015 Annual Report

Significant Incidents in 2015

February 23, 2015

1:50pm

#15-0776

540 W. Franklin St.

Loss: \$12,000

Fire Cause: Accidental

E-1, M-1, M-2, M-3, C-2, C-3 & C-5 responded to a single story residential structure with light smoke already venting from eaves. Entry crews found smoke venting from attic space. Crews worked hard to quickly extinguish an attic/electrical fire before it extended to other areas of the house. Investigators determined the cause to be accidental in nature from an electrical surcharge from heating pipes with a welding unit.

February 27, 2015

2:27pm

#15-0852

114 S. Elm St.

Loss: Triple Fatality

Fire Cause: N/A

E-1, M-1, M-2, M-3, C-2 & C-3 and the Troy Police Department responded to a residence to find four pediatric patients apneic and pulseless due to carbon monoxide poisoning. CPR was performed on all four victims, but only the young boy survived. All were transported to UVMC. Mutual aid also assisted at this incident.

March 22, 2015

6:49pm

#15-1252

1730 South Co. Rd. 25A

Loss: Severe Burn Injury

Fire Cause: N/A

M-1, E-1 and M-3 responded to residence for child severely burned by dowsing gasoline on a recreational fire. Patient was flown directly from scene by Careflight to Cincinnati Children's Hospital. M-3 transported sibling to UVMC for minor injuries. The child survived and returned to school this year and is planning on assisting us in education efforts in 2016.

April 10, 2015

5:20am

#15-1526

132 S. Elm St.

Loss: \$90,000

Fire Cause: Incendiary

E-1, E-2, M-3, M-4, C-2 & C-3 responded to a residential structure fire where a van outside the driveway caught the structure on fire causing significant damage. The structure was occupied at the time of the fire, but all occupants safely escaped. TFD investigators determined this fire was incendiary where later a suspect was charged in this case by the Troy Police Department.

May 10, 2015

12:19am

#15-1935

1409 Trade Square W

Loss: Child Fatality + \$180,400 Fire Cause: Open Inv.

E-3, E-1, M-2, TW-1, C-2, C-3 & C-4 responded to an apartment complex fully engulfed with reported child trapped in upstairs bedroom. Piqua transported the child's father to UVMC for burns. After diligent effort, crews were unable to rescue child and later recovered the victim. After several hours, the fire was extinguished and mostly contained to the fire apartment. Mutual aid also assisted at this scene. This fire is still under investigation by TFD, TPD and the State Fire Marshal's Office.

Significant Incidents in 2015

Continued

June 19, 2015

923 S. Kent Lane

2:26pm

Loss: \$35,000

#15-2559

Fire Cause: Undetermined

E-1, E-2, M-3, TW-1, C-1 & C-5 responded to a two-story residential structure with heavy smoke coming from all eaves. Crews quickly made entry and extinguished what appeared to be a fire that started in or near the kitchen. The occupant was sleeping at the start of the fire and escaped with no injuries. Crews were able to save all pets in this structure and prevent further fire loss.

June 22, 2015

474 Locust Lane

7:50pm

Loss: \$30,000

#15-2596

Fire Cause: Undetermined

E-1, E-2, M-1 & M-3 responded to a residential structure where there was heavy smoke. Once crews arrived, it appeared the fire had put itself out. Crews made entry and examined the house for fire extension. Fire was mainly in the kitchen area.

September 10, 2015

104 Dye Mill Road

4:32pm

Loss: \$138,500

#15-3704

Fire Cause: Undetermined

E-1, E-2, GR-1, M-1, M-2, M-3, C-1, C-2 & C-4 responded to a commercial structure with report of smoke. Upon arrival business was locked. Crews forced entry and found fire at dock area. Fire was extinguished and crews were on scene several hours for salvage and overhaul. Mutual aid assisted with this incident. Conditions were unsafe for entry for investigation, but was ruled undetermined.

September 24, 2015

424 N. Madison St.

1:27pm

Loss: \$35,000

#15-3912

Fire Cause: Undetermined

E-1, E-2, GR-1, M-3, C-1, C-2 & C-5 responded to a two-family residential structure with smoke coming from upstairs. Crews were able to contain the fire to the upstairs apartment. The fire started at or near the bed due to an undetermined cause.

October 16, 2015

621 Loxley Lane

2:41am

Loss: \$29,700

#15-4223

Fire Cause: Undetermined

E-1, E-2, M-3, C-1, C-2 & C-4 responded to a residential construction site where a new-construction residence was fully engulfed in flames. The residence had just been framed and sheeted and all framing and sheeting was totally lost. This also resulted in significant loss to a lift truck and dumpster fire due to extreme winds.

November 23, 2015

121 N. Madison St.

6:23am

Loss: \$30,000

#15-4750

Fire Cause: Undetermined

E-1, E-2, M-3, C-2 & C-4 responded to two-story residential structure with flames showing from second story. All occupants were out on our arrival. Crews made entry and was able to confine and extinguish fire to only the upstairs area. Fire started in the wall, but cause was ruled undetermined with possible electrical in nature.



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FIRE PREVENTION BUREAU



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Fire Prevention Bureau

Fire emergencies take many lives throughout the United States every year. Unfortunately, our community has experienced this first hand. The Troy Fire Department has put into place a comprehensive fire prevention program that consists of the four basic activities of the Troy Fire Department: public education, fire and building code enforcement, a rapid response to emergencies, and a thorough investigation of all fire causes.

The Fire Prevention Bureau (FPB) is the division of the TFD that manages public relations, education, and information, fire and building code enforcement, fire origin and cause investigations, and arson investigations. The FPB also respond to emergencies as needed. The Fire Prevention Bureau consists of two fully certified personnel, Aaron Simmons and Daniel Stine. Assistant Chief Stanley oversees and supervises this division.

We pride ourselves with the relationships and partnerships we have established to provide the most professional services to our community. We have heavy community involvement and have committed to



collaborate with many organizations to provide the best prevention program possible. We have developed and maintain many programs, which include Carbon Monoxide/Smoke Detector Program, Operation Safe-Guard, Lunch Buddies and Mentor Programs with Troy City Schools, Child Safety Seat Checks, Local Special Events, among many others.

Fire Prevention Education

Annual 3rd Grade Education Program

Each year we host all third grade students from all schools in our area for our annual fire prevention education program at Fire Station 1. It is an interactive program where students rotate through learning centers for a memorable effective learning experience.



Station Tours

Throughout the year, we host several hundred students, daycares, programs and community organizations at all of our fire stations. This is an opportunity for citizens and students to learn about fire safety and see their firemen, stations and apparatus.



Age-Appropriate Presentations Throughout the Year

The FPB does a great job at educating our public in fire prevention and safety education. Their presentations are always relevant and catered to the specific audience.

Inflatable Fire Safety House

Interactive Educational Tool

In 2013, we were given the opportunity to purchase an inflatable fire safety house. This interactive educational tool has proven to be very effective in educating the students within our community. This state of the art tool has allowed us to enhance our educational program in many ways, as well as take it to an increased number of community events.



ADA Compliant

The inflatable fire safety house is not only a better educational tool, it also is ADA compliant and has opened up opportunities to a larger, more diverse population.

Fun Teaching Tool

As we use repetition within our teaching, this tool also allows for a fun, more memorable experience for the children within our community.



Carbon Monoxide / Smoke Detector Program

The Troy Fire Department began a new program in 2015 providing and installing Smoke/Carbon Monoxide combination detectors in residents' homes in need. The program was introduced as a result of a tragic CO incident in Troy, early in the year, in which three young lives were lost in a home with a faulty flue and no CO detector present in the home.

Carbon Monoxide is known as "the silent killer" because it is odorless and tasteless and can kill you without warning. The CO gas cannot be detected without a carbon monoxide detector/alarm. The detector program is available through our department at the request of a resident. The detectors are installed in a resident's home in a location most suitable for detection. The Troy Carbon Monoxide Detector Fund is funded through generous



community donations through a collaborative effort between the City of Troy and the Troy Foundation. The detectors are a combination of both CO and photoelectric smoke and are powered by a 10-year lithium battery.

This program was created to make our community more aware of the importance of having carbon monoxide and smoke alarms in all homes. If one life is saved, then the program has done its job. We will continue to install, educate and provide the life-saving measures necessary to achieve this goal.

2015 Annual Report

2015 Fire Prevention Bureau Stats

GENERAL INSPECTIONS:	849
RE-INSPECTIONS:	130
PLAN REVIEWS:	128
FIRE PREVENTION PERMITS:	31
FIRE INVESTIGATIONS:	11
FIRE RESPONSES:	24
AMBULANCE RESPONSES:	98
PUBLIC EDUCATION EVENTS:	130
PERSONS IN ATTENDANCE AT PE EVENTS:	7935
CARBONMONOXIDE/SMOKE DETECTOR INSTALLS	270
CAR SEATS:	31
SHORT SHIFTS:	154.5

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TROY FIRE DEPT. PAST, PRESENT & FUTURE



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HISTORY

Troy Fire Department

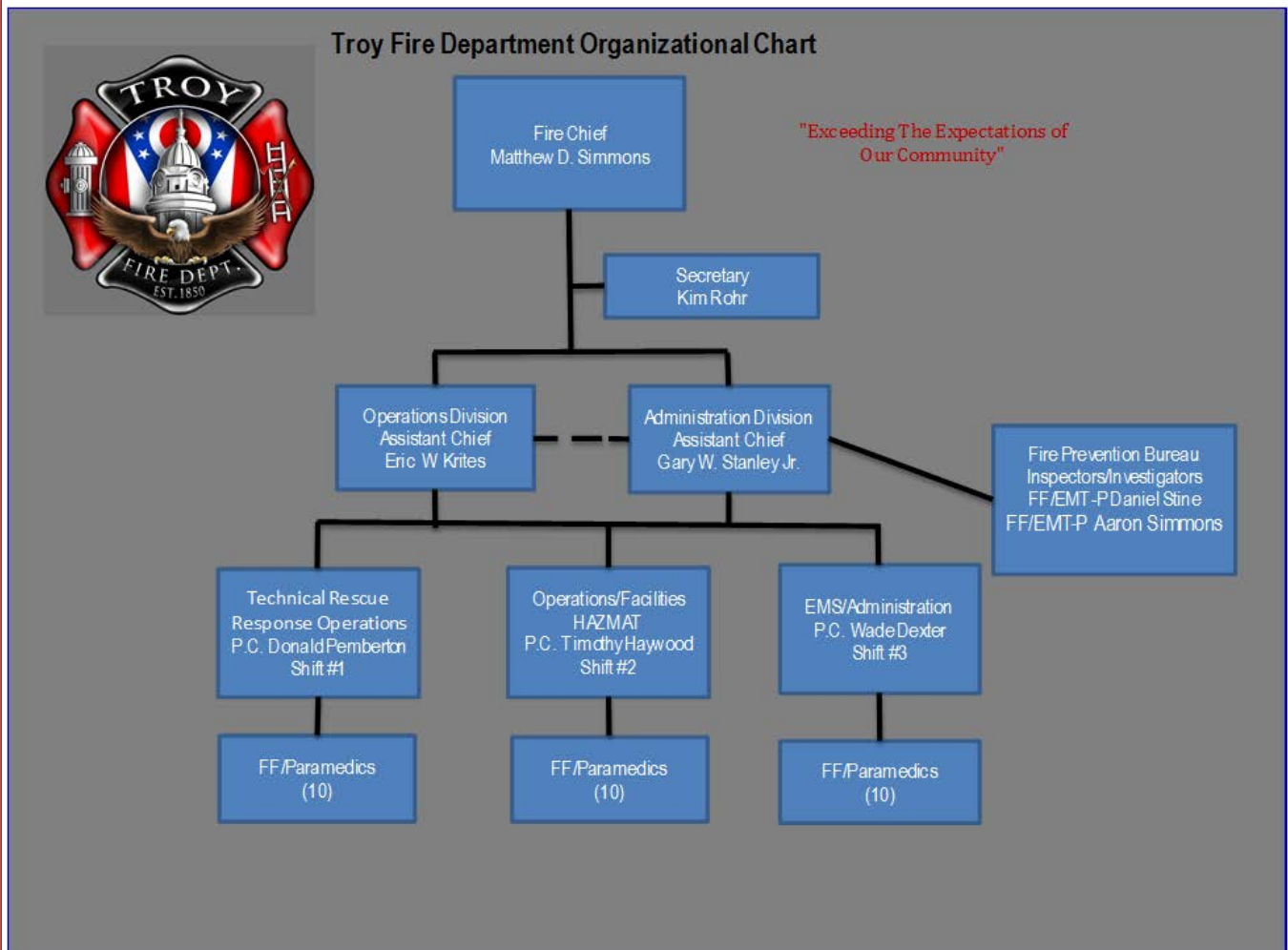
In 1839, R.C. Langdon, the new editor of the Troy Times, called for a public meeting to raise money to buy a fire engine and equip a fire department because of disastrous fires that had occurred in Troy. He estimated that the cost would be two dollars for each citizen and would perhaps save thousands of dollars of property. In 1847, a meeting was called to form a hook and ladder company. Not until 1850, however, were the Troy Hook & Ladder Company and the Troy Bucket Company organized. Henry S. Mayo was captain of the Troy Hook & Ladder Company, and Henry S. Culbertson was captain of the Troy Bucket Company. After discussing the pros and cons of purchasing a fire engine for several years, an ordinance was presented in a meeting of the council in 1857 to purchase one. A Mohawk hand-pump engine was purchased from the Cincinnati Fire Department and installed on the ground floor of the Town Hall.

The Fire Department of Troy was formally organized in the fall of 1857. The company consisted of about 75 members, 50 of which belonged to the Mohawk Company and the remainder to the hose carriage. Jack Julian was the first foreman of the department.



City of Troy Fire Department

Organizational Chart



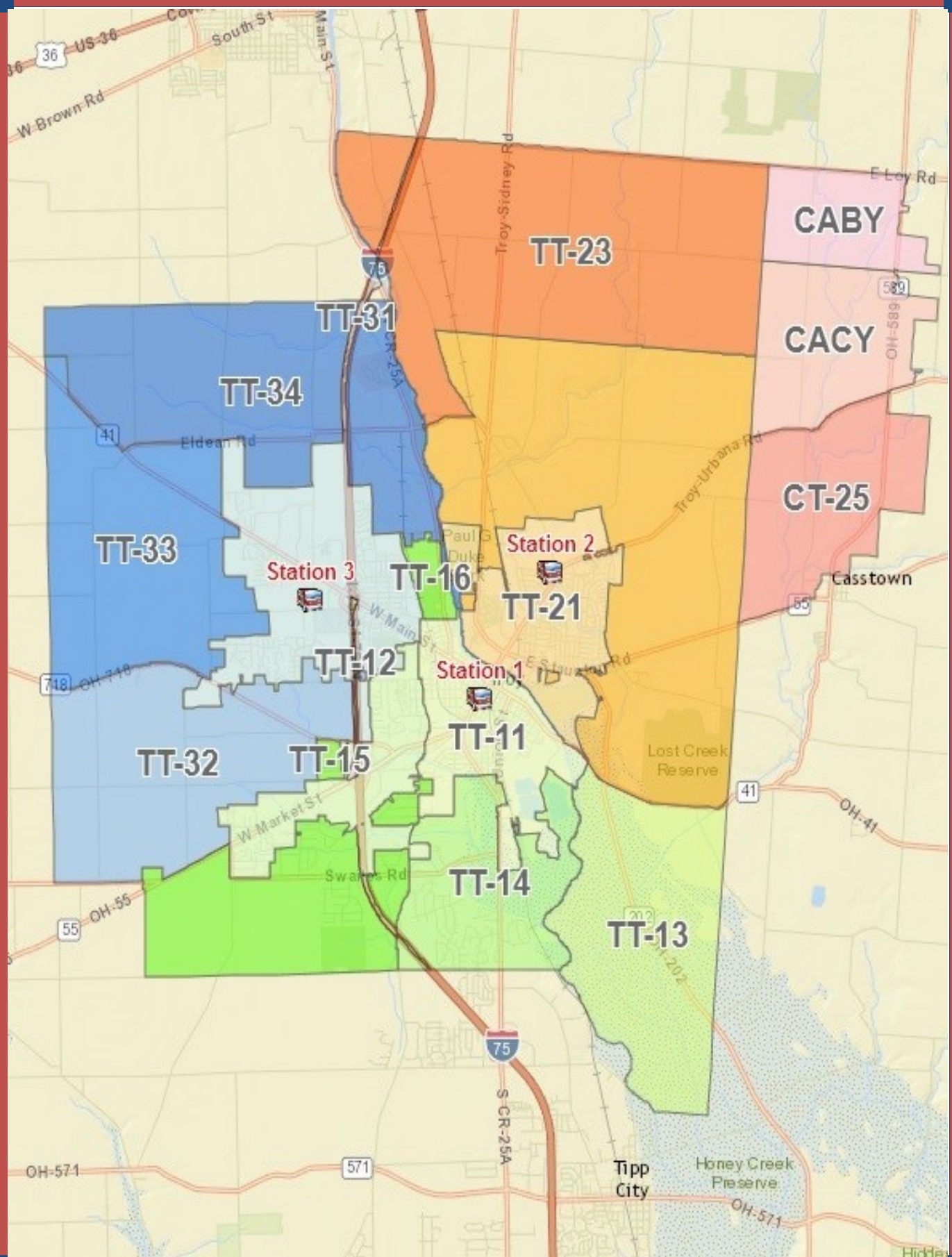


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DISTRICT MAP





City of Troy Fire Department

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STATIONS & APPARATUS



Fire Department Facilities

Station 1

19 East Race Street

Fire Station 1 was opened in 1966 and serves the central downtown district with our rescue engine, 100' tower truck and medic. This station is an all electric station built when the city had owned it's own electric generating station. This station is staffed with our shift officer and serves as our main operations office.



Administrative Headquarters

Station 2

1528 North Market Street

Fire Station 2 is our newest station opened in 2007 and serves our northern districts with an engine and medic unit. It houses a three-story training facility in it's central core and our administrative staff.



Fire Prevention office

Fire Station 3

40 South Stanfield Rd

Fire Station 3 opened in 1994 and serves our western districts with an engine and medic unit. This station is also home to our Fire prevention office.

Fire Department Equipment

Rescue Engine 1

2015 Ferrara MVP Rescue/Engine. This new rescue engine is a first for Miami County; with multiple capabilities beyond firefighting. This multi purpose vehicle carries equipment for many different emergencies and is powered by a 450 horsepower Cummings Engine and Allison Transmission. Rescue 1 is equipped with a Hale 2000 GPM pump and Foam Pro foam system for more adaptability with fire extinguishment. Rescue 1 has the latest in LED technology to include an 80,000 watt light tower, and numerous safety features built into the construction for enhanced firefighter safety.



Rescue Technicians

Rescue Engine 1 also contains the necessary equipment for the six disciplines of rescue. These disciplines of Technical Rescue include Confined Space, Swift Water, High Angle Rope, Structural Collapse, Trench, and Vehicle/Machinery. We are proud, that in 2015, we initiated advanced training to form a specialized technical rescue team.



Engine 2

1995 Smeal Pumper is powered by a Detroit diesel engine and an Allison Transmission. This engine holds 500 gallons of water and 20 gallons of firefighting Class A foam. The engine has a 1500 GPM pump and carries a variety of firefighting equipment necessary for fighting fires in the city and adjoining township areas we currently serve.



Fire Department Equipment



Engine 3

Engine 3 is 1997 Smeal Pumper engine that is powered by a Detroit Diesel engine and an Allison Transmission. This truck holds 500 gallons of water. The engine has a 1500 GPM pump and carries a variety of firefighting equipment necessary for fighting fires in the city and adjoining township areas we currently serve.

Tower 1

Tower 1 is a 1994 Pierce Arrow Platform ladder Truck. The truck is powered by a powerful Detroit Diesel engine and Allison Transmission. This truck has 200 gallons of water and a 1500 GPM pump for fighting fires. The 100' platform has two 1000GPM nozzles for large fires, many ground ladders and some specialty equipment for emergencies.



Fire Department Equipment



Tanker 1

This 2013 Pierce Saber Tanker is designed for rural and city firefighting. It is powered by a Cummings Diesel engine and an Allison Transmission. The truck holds 1800 gallons of water and carries additional equipment for rural firefighting operations such as a portable water tank and open tank dumping from the back of the truck. This truck incorporates the latest in safety features with newer chassis features.

Grass 1

Grass 1 is a 2004 Ford F350 with a fire-fighting skid unit on the back. This truck is powered by a Ford V-10 Gasoline Engine. It carries 175 gallons of water and 8 gallons of foam for wildfire firefighting. The truck is equipped with front spray bars for hands free operations in fields.



Fire Department Equipment

Medic 1

Medic 1 is a 2007 International Medium Duty Chassis ambulance from Horton. This vehicle is equipped to handle all Advanced Life Support functions as well as other emergencies. The ambulance carries numerous emergency medical equipment such as heart monitor, airway accessories, medications and specialty items needed to stabilize a patient.



Medic 2

Medic 2 is a 2005 International Medium Duty Chassis ambulance from Horton. This vehicle is equipped to handle all Advanced Life Support functions as well as other emergencies. The ambulance carries numerous emergency medical equipment such as heart monitor, airway accessories, medications and specialty items needed to stabilize a patient.



Fire Department Equipment

Medic 3

Medic 3 is a 2013 International Terrastar Chassis ambulance from Horton. This vehicle is equipped to handle all Advanced Life Support functions as well as other emergencies. The ambulance carries numerous emergency medical equipment such as heart monitor, airway accessories, medications and specialty items needed to stabilize a patient.



Medic 4

Medic 4 is a 2002 ambulance from McCoy Miller. This vehicle is equipped to handle all Advanced Life Support functions as well as other emergencies. The ambulance carries numerous emergency medical equipment such as heart monitor, airway accessories, medications and specialty items needed to stabilize a patient.



Fire Department Equipment

Command Staff Cars

2014 Dodge Durangos are used for our Command Staff Cars. These all wheel drive vehicles are equipped with radios in front and at the rear of the car for emergency scene management.



Utility Vehicle

Truck 8 is a 2015 Dodge 2500 heavy duty pick up truck with 4 wheel drive. This vehicle is used to assist our department during emergencies by carrying additional personnel or equipment to scenes. This vehicle has towing capabilities for moving our trailers and boats when needed.



City of Troy Fire Department

Future Vision & Goals of the Troy Fire Dept.



Goals/Vision for the Future

- Ensure our personnel are highly trained and equipped to provide the best quality emergency services for our community.
- Educate our community on prevention methods as we learn from emergencies.
- Find ways to maximize the value of our resources and infrastructure .
- Be innovative and become trend setters in the fire and EMS service.
- **“Exceed the Expectations of Our Citizens and Community”**

