

City of Troy
Fire Department

2016 Annual
Report







City of Troy Fire Department

2016 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 2016 Troy Fire Department Annual Report.

In 2017, we are excited to be celebrating our 160th anniversary of serving this great community. Throughout these 160 years, we have adapted and improved our services to meet the needs of the Troy residents and visitors alike. We could not have made these changes without the support of our local government and the citizens of our community.

In 2016, our community leaders recognized the need to create a new response model to combat the heroin epidemic in our community. The Quick Response Team model is comprised of a member from our police department, fire department and an addiction specialist from a partnering addiction counseling agency. This team goes out and visits victims post overdose to try to connect them to addiction treatment options. The response of the victims and their families to our visits has been overwhelming. They are usually in disbelief that a community would extend the arm of support for their journey to freedom. This is one example of the changes that the fire department and our city leadership is willing to do to meet the specific needs of our community.

The Troy Fire Department provides emergency response to our community for fire and emergency medical service on a 24-hour basis. In addition to being certified firefighter/paramedics, our personnel are also trained in specialty rescue including water rescue, technical rescue and hazardous materials response. We continually strive to meet every situation that we could be called to.

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 BUDGET

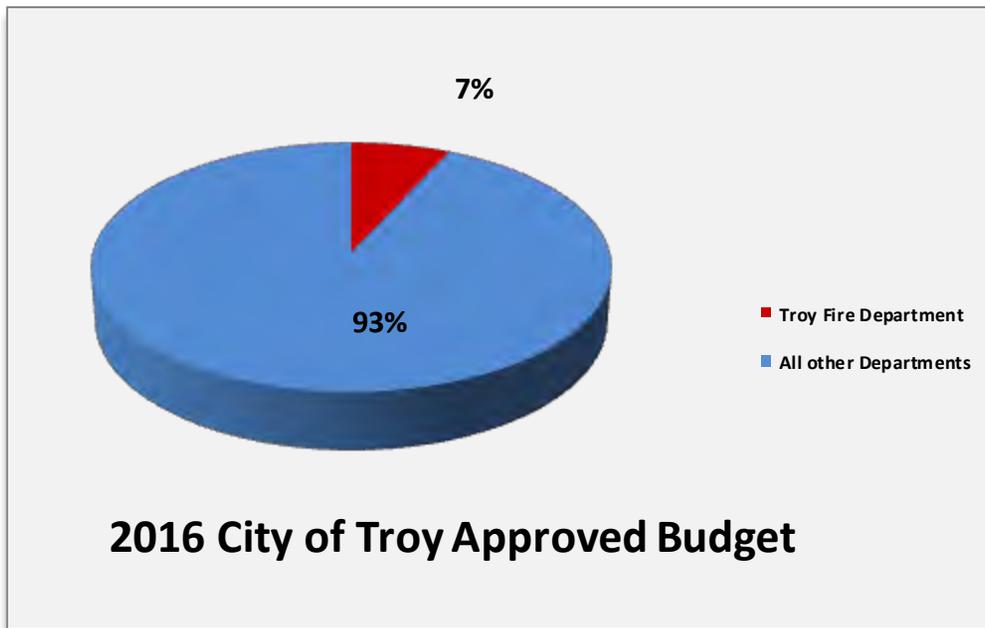


City of Troy Fire Department

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%



City of Troy Fire Department

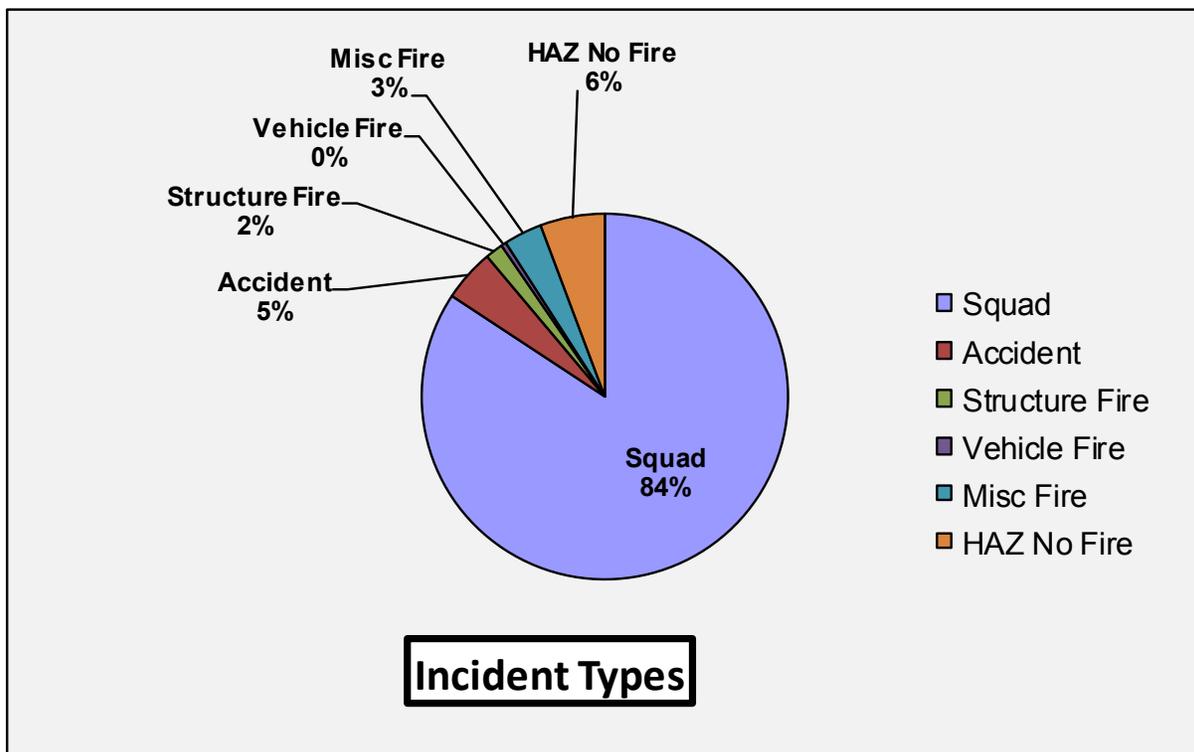
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FIRE DEPARTMENT STATISTICS



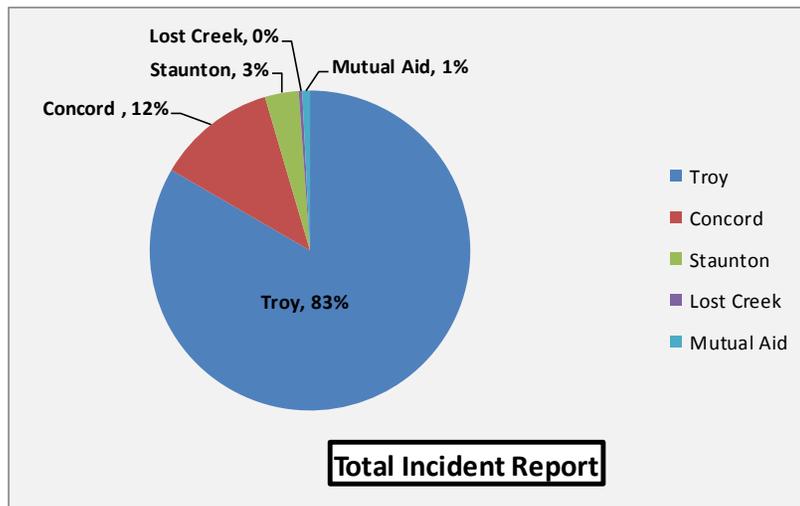
2016 Incident Statistics

Incidents		
Call Type	Total	% of Fire Calls
Squad	4549	84%
Accident	249	5%
Structure Fire	85	2%
Vehicle Fire	24	0%
Misc Fire	183	3%
HAZ No Fire	308	6%
Total Fire Call	5398	100%



Incident Statistics

Total Incident Report		
	Total Incidents	% of Total
Troy	4501	83%
Concord	652	12%
Staunton	184	3%
Lost Creek	19	0%
Mutual Aid	42	1%
Total	5398	100%



Incidents							
Call Type	Troy	Concord	Staunton	Lost Creek	Mutual Aid	Total	% of Fire Calls
Squad	3863	499	138	15	34	4549	84.27%
Accident	152	74	16	4	3	249	4.61%
Structure	68	13	2	0	2	85	1.57%
Vehicle	17	4	3	0	0	24	0.44%
Misc Fire	169	30	12	0	1	212	3.93%
HAZ No	232	32	13	0	2	279	5.17%
Total Incidents	4501	652	184	19	42	5398	100.00%

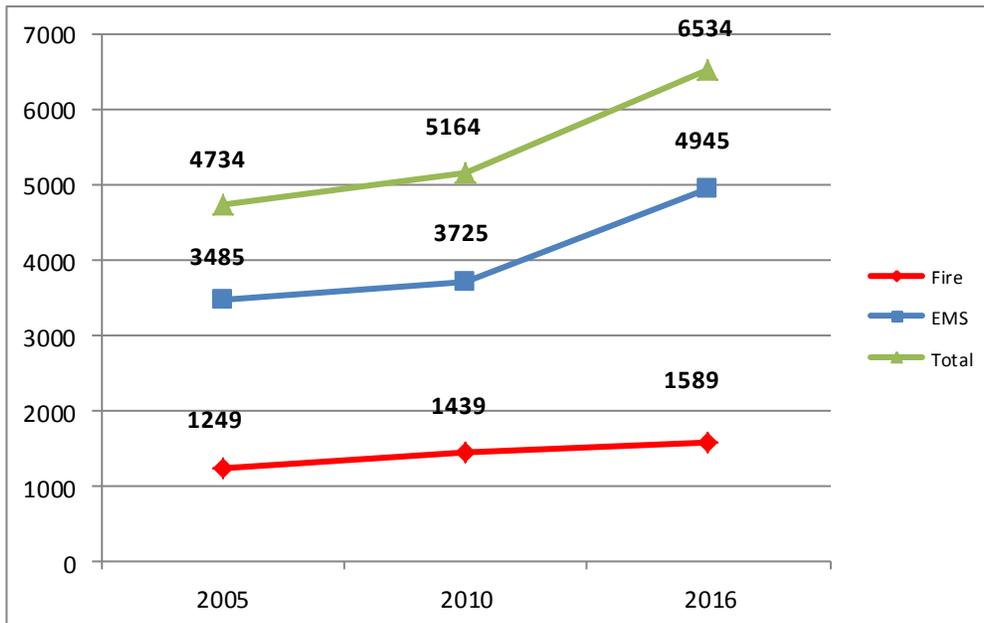
Fire Statistics

Total Response Report

City	EMS Responses	Fire Responses	Total	% of Total
Troy	4150	1274	5424	83%
Concord	582	228	810	12%
Staunton	157	78	235	4%
Lost Creek	19	6	25	0%
Mutual Aid	37	3	40	1%
Total	4945	1589	6534	100%

Overview of Fire Department Responses

Year	2005	2010	2016
Fire	1249	1439	1589
EMS	3485	3725	4945
Total	4734	5164	6534



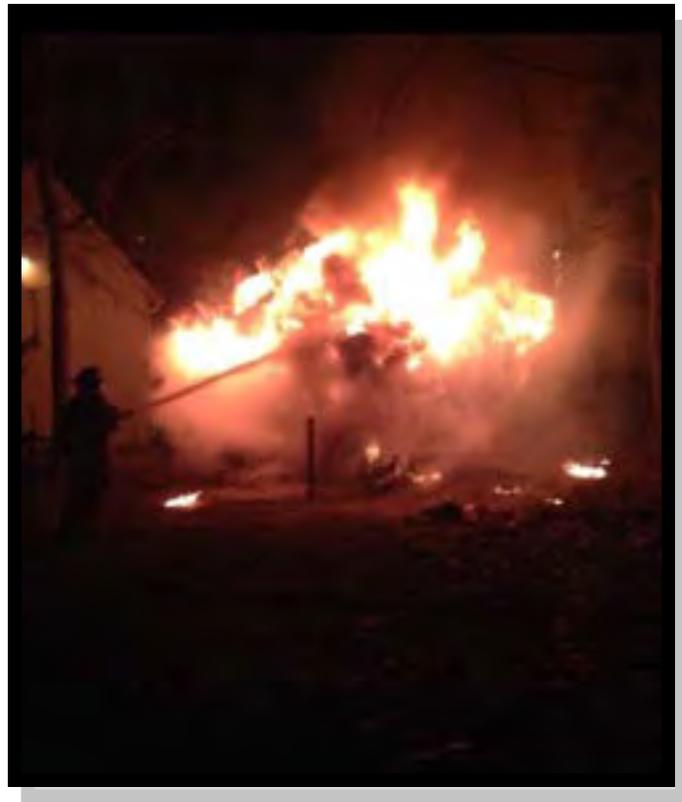
Dollar Value Saved & Loss Analysis YTD 2016

Total Value	Total Losses	Total Saved	Percent Loss	Percent Saved
\$6,296,957	\$485,290	\$5,811,667	8%	92%

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SIGNIFICANT FIRE INCIDENTS



2016 Annual Report

Significant Incidents in 2016

January 24, 2016

13:55pm

#16-325

404 South Mulberry Street

Loss: \$15,000

Fire Cause: Accidental

E1, M1 and E2 responded to a report of a kitchen fire. This kitchen fire resulted from the resident melting paraffin wax. The wax got too hot causing the wax to flash resulting in \$10,000 damage to the structure and \$5,000 damage to the contents. The owner/resident was injured trying to extinguish the fire.

February 8, 2016

08:22am

#16-536

818 East Race Street

Loss: \$15,000

Fire Cause: Electrical

E1, E2, M3, C1, C3, C5 and T8 responded to a two story residential structure with smoke showing. Entry crews found flames in a second floor bedroom and confined the fire to the room of origin. Investigators determined the cause to be electrical in nature. No injuries were reported.

February 11, 2016

10:24am

#16-586

990 South Market Street

Loss: \$10,000

Fire Cause: Equipment Failure

E1, E2, M3, C1, C3, C4 and C5 responded to a report of a dishwasher on fire in a two story residential structure with smoke and flames showing. Entry crews found flames in the Kitchen area and extinguished them containing it to the room of origin. Investigators found the area of origin near the dishwasher. No injuries were reported.

February 16, 2016

1:31pm

#16-668

421 South Union Street

Loss: \$35,000

Fire Cause: Unknown source

E1, E2, M1, M3, TW1, C3, C4 and C5 responded to a reported fire alarm in a manufacturing facility. Upon arrival crews found a fire in Duct work above a piece of equipment which was quickly extinguished. Fire investigators were unable to determine the cause of fire. No Injuries were reported.

February 22, 2016

8:08pm

#16-747

945 North Dorset Rd

Loss: \$30,000

Fire Cause: Unattended Cooking

E1, E3, M2, C2, C3 and T8 responded to a multifamily occupancy. Upon arrival crews found all occupants had safely evacuated and a room and contents fire in the kitchen area. Fire was contained to room of origin. Fire investigators found unattended cooking as the cause. No injuries were reported.

Significant Incidents in 2016

Continued

March 9, 2016

7:50pm

#16-1006

2315 S. County Rd. 25A

Loss: \$80,000

Fire Cause: Undetermined

E1, E2, Tanker 1, M3, M4, C1, C2, C3, C4, C5 and T8 responded to a Single story pole barn attached to a business. Upon arrival crews found heavy flames and smoke from side of structure. A quick attack from initial crews contained the fire to building of origin. Miami County Fire investigators were assisted by the Troy Fire Department. Investigators still have this fire listed as undetermined until investigation is completed. No injuries were reported during this incident.

March 27, 2016

8:48pm

#16-1288

4845 Fenner Road

Loss: \$36,000

Fire Cause: Accidental

E1, E3, Tanker 1 and M2 responded to a report of possible trailer on fire near a building. Upon arrival crews found a livestock trailer fully involved with a small field fire. A quick attack from arriving crews minimized damage to the trailer only. Resident had accidentally left a warming lamp near combustibles inside the trailer. No injuries were reported during this incident.

April 12, 2016

2:36pm

#16-1551

2523 Thornhill Dr.

Loss: \$115,000

Fire Cause: Accidental

E-1, M-1, M-2, M-3, C-2, C-3 and C-5 responded to a single story residential structure with heavy fire coming out of a bedroom window and heavy smoke already venting from eaves. Once on scene, crews quickly extinguished the fire. Investigators determined the cause to be accidental in nature due to a child playing with a lighter.

October 26, 2017

15:55pm

#16-4433

591 Locust Lane

Loss: \$128,000

Fire Cause: Accidental

C-2, C-3, E-1, Tower 1 and Medic 2 responded to a reported structure fire. A residential Kitchen fire caused extensive damage of a single story residence on Locust Lane. The occupants were able to escape but one pet was lost in the fire. Another pet was found by firefighters and revived at the scene. One firefighter suffered a minor injury that was due to preventing the resident from re-entering the fire to retrieve his pets.

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FIRE PREVENTION BUREAU



Community Outreach Programs

Quick Response Team (QRT)

This program was created to be used as a tool for local entities to help provide resources and support to individuals in our community that are battling with heroin addiction and substance abuse. A team comprised of fire, police, and recovery council personnel make site visits on a weekly basis to overdose patients in an effort to offer resources and to use a community wide proactive approach to combat the heroin epidemic.



The Safety Squad

The Safety Squad is a repurposed medic that is being used as an education tool for our local youth and also as a community outreach vehicle for the citizens of Troy. The exterior message contains fire safety tips and ideas. The Safety Squad hauls our inflatable safety house to events and is also used for the installation of carbon monoxide detectors. The Safety Squad program was fully funded by generous community sponsors and donors.

Troy Community Radio

The Troy Fire Department and Troy Community Radio have partnered to bring fire and life safety topics to the air waves. Chief Simmons and Assistant Chiefs Stanley and Krites make regular appearances on the WTJN morning show to discuss the best ways possible to keep your family and our community safe. TCR is also a proud sponsor of our Safety Squad program.



City of Troy Fire Department

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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 SafeGuard, 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 2016 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.

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2016 Fire Prevention Bureau Stats

General Inspections:	870
Re-Inspections:	123
Plan Reviews:	92
Fire Prevention Permits:	33
Fire Investigations:	14
Fire Responses:	17
Ambulance Responses:	123
Public Education Events:	122
Attendance at Public Ed Events:	7708
Car Seats:	17
Short Shifts:	494

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TROY FIRE DEPT. PAST, PRESENT & FUTURE



City of Troy Fire Department

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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.

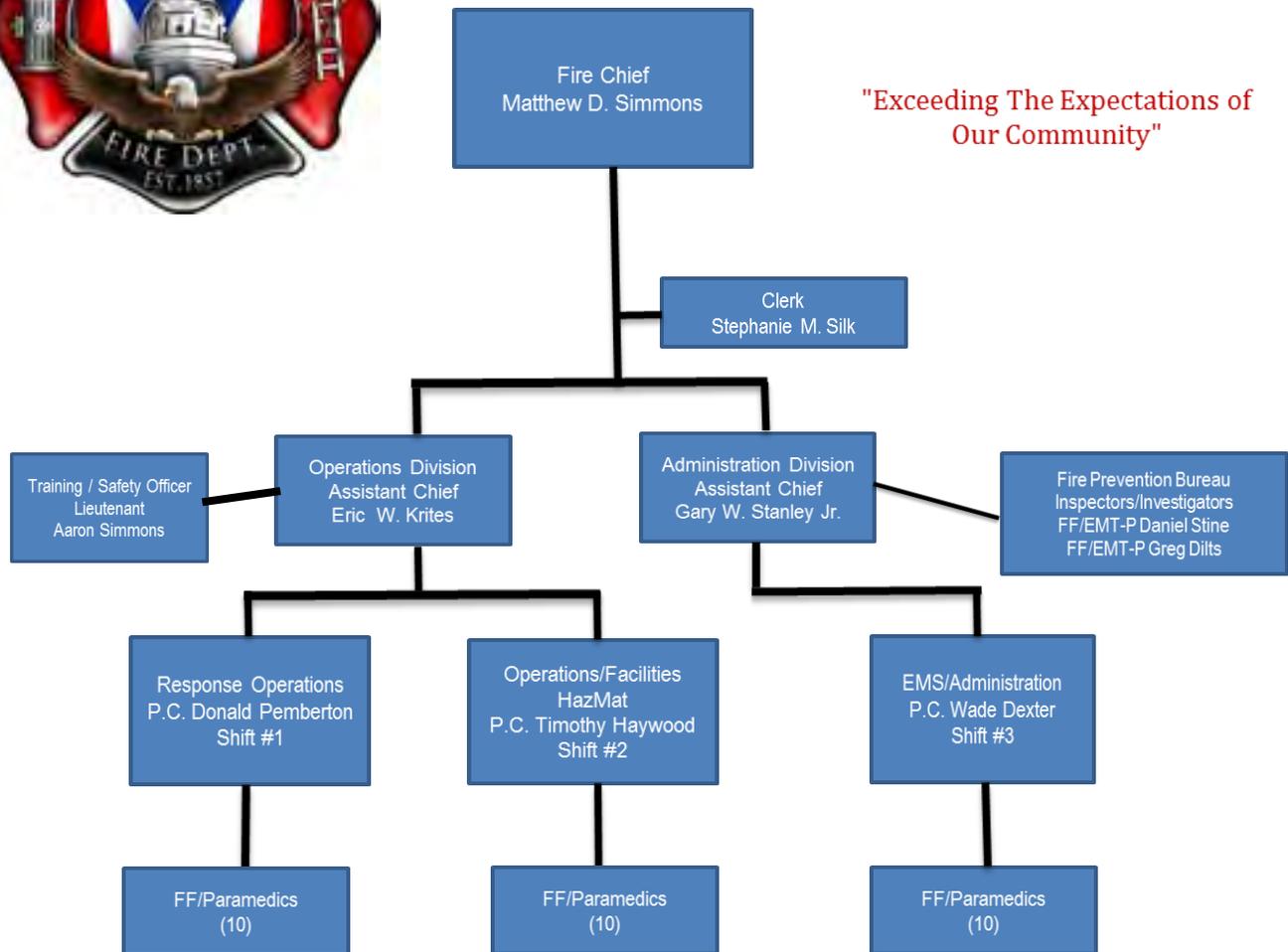


Organizational Chart



Troy Fire Department Organizational Chart

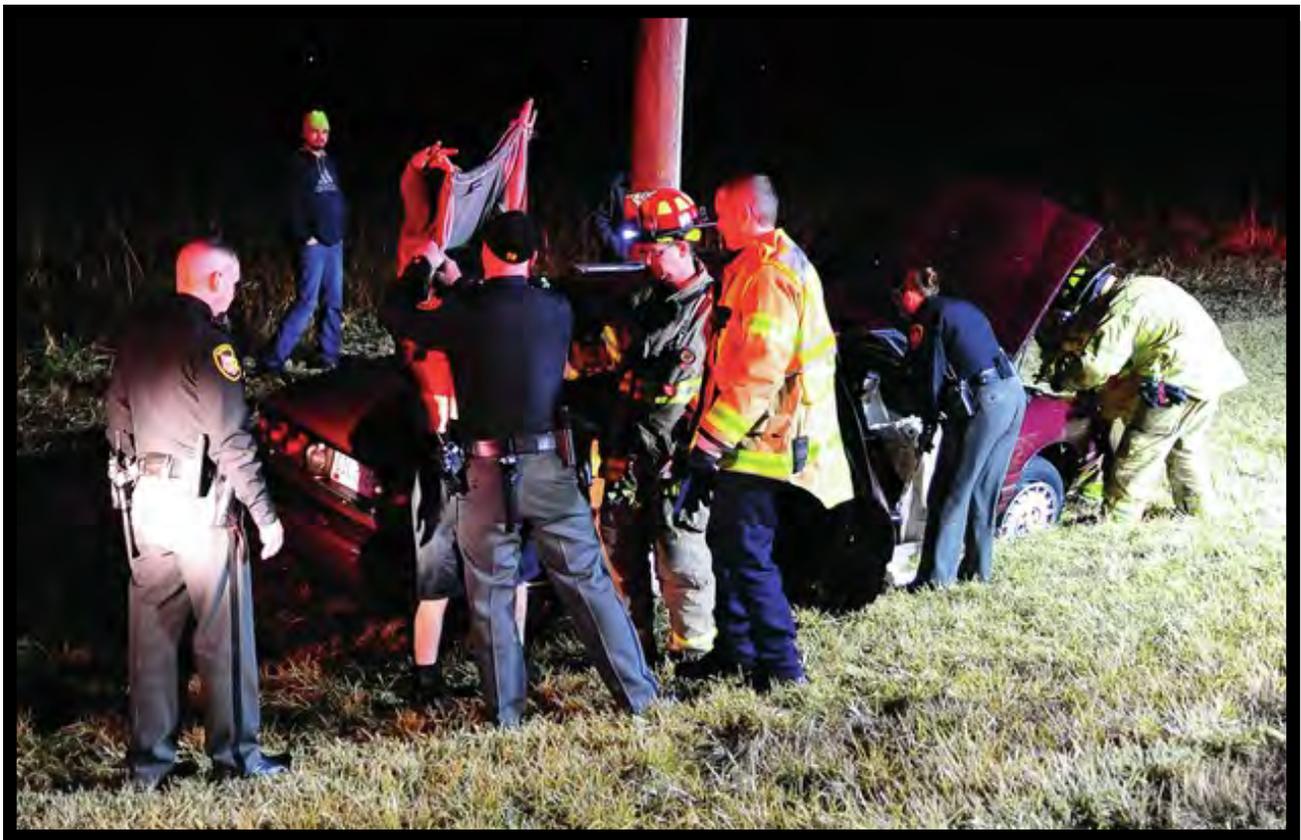
"Exceeding The Expectations of Our Community"

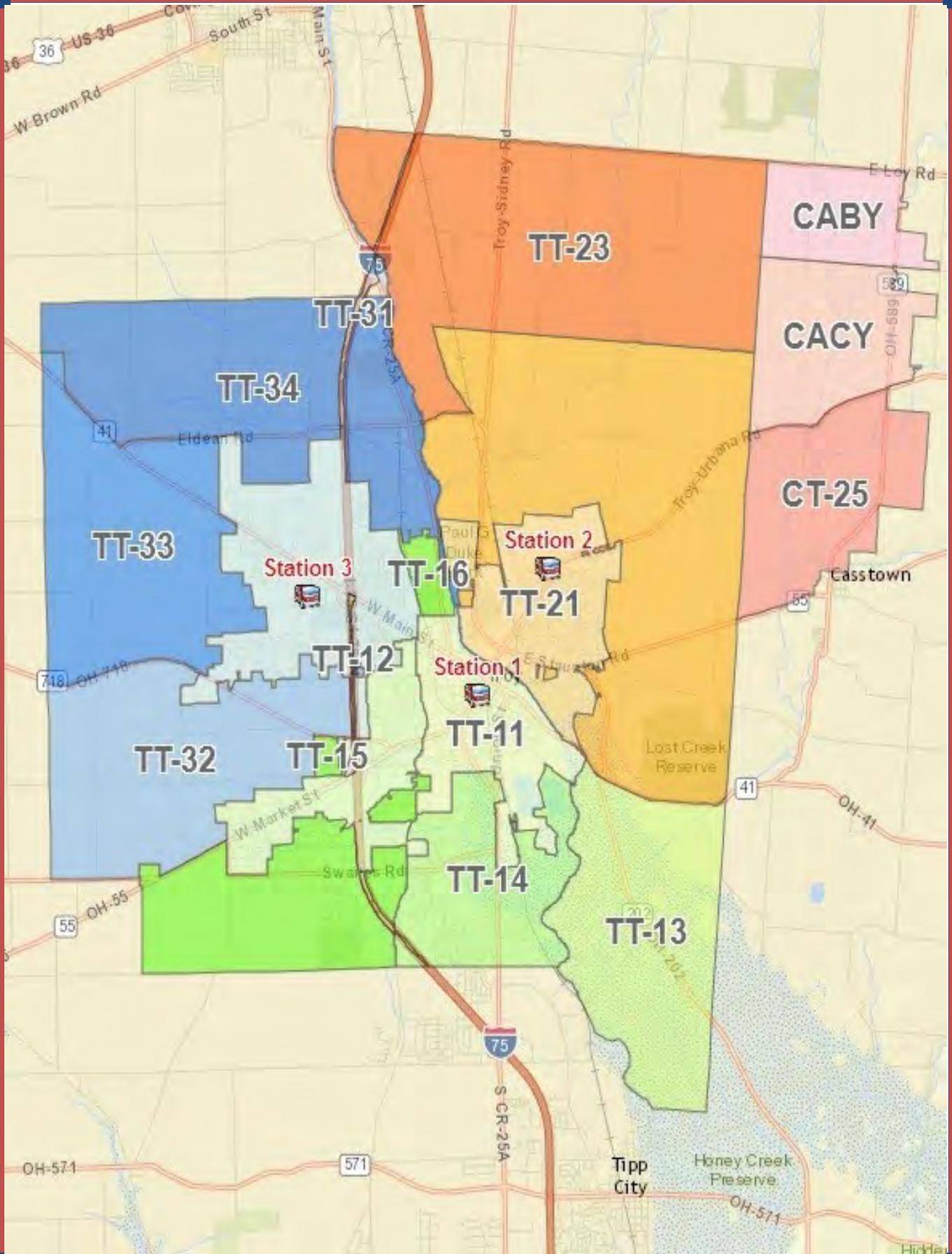


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DISTRICT MAP





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

2016 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 2016, 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 2016 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”**

