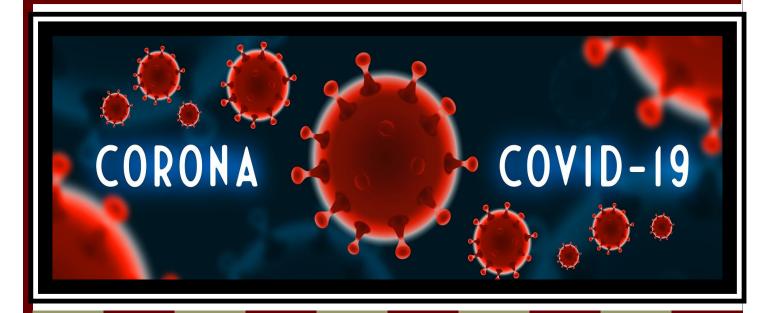
2020

EXECUTIVE SUMMARY

CONCERNED PROFESSIONALS PROTECTING THE COMMUNITY WE SERVE

EFD's Response to the Coronavirus Pandemic and the Affects of the Pandemic upon the Businesses, Charitable Organizations, and the Citizens of Evansville the Evansville Fire Department serve.





City of Evansville Evansville Fire Department 550 SE Eighth Street Evansville IN 47713 (812) 435-6235



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OFFICE OF THE FIRE CHIEF

On behalf of the men and women of the Evansville Fire Department, I am pleased to submit the 2020 Executive Summary. We are an organization that is dedicated to our community. The COVID-19 pandemic affected all of us professionally and personally. From the onset, we have maintained our excellent service as the community expects and deserves. Financial impact due to lost revenue is not yet fully realized. Operational impact due to illness or restrictions has been kept to a minimum. COVID-19 is spread through close contact, droplet, and airborne transmission. We are keeping abreast of the latest information to ensure we protect ourselves and the community we serve. The EFD is taking every precaution to minimize the spread of the virus by utilizing personal protective equipment, limiting patient contact and voluntary vaccination or personnel. We have adapted to the environment within which we need to work and achieve our mission.





The Evansville Fire Department is an organization that is dynamic and responsive to community risks. This pandemic has given us the opportunity to utilize our creative planning processes to answer every call for service. Your safety and peace of mind are our number one priority.

Our Mission Statement includes the following, "Concerned professionals protecting the community we serve". We serve our citizens, neighbors, friends and visitors with passion and professionalism. The Evansville Fire Department is making great strides improving the resiliency of the firefighter to meet the ever increasing demands from the community. The most important component of our emergency response capability is a fit, trained and equipped response force. With a fit, trained and equipped response force, we continue to achieve our mission's three primary objectives:

- 1) Life Safety
- 2) Incident Stabilization
- 3) Property Conservation



C. Michael Connelly Fire Chief



EFD ADMINISTRATION

Fire Chief Charles M. Connelly

Assistant Fire Chief Paul Anslinger

Division Administration Chiefs

Chief of Operations Ron Campbell
Chief of Training Mike Ewald
Chief of Health & Safety Ray Goff
Chief of Administration Mike Larson
Chief Fire Marshal Greg Main
Chief of Special Operations & Planning Ken Zuber

First Platoon Shift Operations West
District Chief Amy Smith
First Platoon Shift Operations East
District Chief Shawn Willis
Second Platoon Shift Operations West
District Chief Mike Dickinson
Second Platoon Shift Operations East
District Chief Mark Mastison
Third Platoon Shift Operations West
District Chief Tim Krack
Third Platoon Shift Operations East
District Chief Mike Kane

Investigators

First Platoon Investigator Eric Eifert Second Platoon Investigator Kim Garrett Third Platoon Investigator Tim Strange

ChaplainChaplain Ray Brown

Instructors

Instructor Dan Brown Instructor Jennifer Hunt Instructor Steve Jordan Instructor Rick Whitehouse

Inspectors

Inspector David Brinkmeyer
Inspector Michael Doran
Inspector Rodney Frye
Inspector Joe Mayer
Inspector Randy Rankin
Inspector Kevin Shelley
Inspector Brian Singer
Inspector Larry Wildt

Office Administration

Secretary Ruth Ann Adams
IT/Communications Specialist Jeff Crawford
EMS Manager Keith Current
Finance Officer Kelly Frankenberger
Fire Merit Liaison Chief Mike Larson
Executive Secretary Cathleen Tamez
Facilities Manager Kevin Wilke

Fleet Maintenance Shop

Lead Mechanic Greg Lantaff
Mechanic Chris Cox
Mechanic Andrew Hoffman
Mechanic James Nellis





2020 TABLE OF ORGANIZATION







COMMISSION & BOARDS

Fire Merit Commission

The Evansville Fire Merit Commission shall consist of five commissioners. Each commissioner must have been a legal resident of Vanderburgh County for three consecutive years immediately preceding his term and must be a person of good moral character. Each commissioner shall take an oath of office to conscientiously discharge his duties. The term of a commissioner is four years.

The commission shall have the authority to adopt, amend, and repeal rules and regulations concerning selection, appointment, promotion, and procedural matters relating to discipline of members of the Fire Department.

The commission shall adopt rules and regulations governing the selection and appointment of persons to be employed as members of the department, subject to State pension requirements and this chapter.

President Ryan M. Schulz Vice president Talmage O. Vick Secretary Mike T. Gilkey James Nunning, Commissioner Jesse Storey, Commissioner James Mastison, Commissioner

Fire Pension Board

The Evansville Fire Department's Pension Board is comprised of the Mayor and the Fire Chief who shall hold their positions as long as they are in office, one (1) retired member of the department, and four (4) active members of the department, of which one is elected Pension Secretary.

The Fire Pension Secretary is responsible for the 1937 fund members, the 1977 fund converted member's, and the widow's payroll and administration of the fund. The Board is responsible for all new candidate applications and medical acceptance into the Indiana Public Retirement System (INPRS).

The Pension Board is responsible for all disability claims submitted to INPRS. The EFD Fire Pension Board meets the first Tuesday of every month at 9:00 a.m. The meetings are open to the public and are available on the City's meeting archives.

Mayor Lloyd Winnecke
Fire Chief Mike Connelly
Pension Secretary Captain Anthony Knight
Lieutenant Daniel Goodman
Roger Griffin (Retired)
Captain Chad Jordan
Lieutenant Charles Mangold

OFFICE OF THE ASSISTANT CHIEF

The office of the Assistant Chief is responsible for overseeing the Fleet Maintenance Division, Facilities Maintenance Division, Communications/IT Division and Quartermaster.

The Fleet Maintenance Division is responsible for the upkeep of the Department's vehicles, apparatus, support vehicles, firefighting equipment, SCBA cascade systems and SCBA air packs. The Department has over 63 vehicles in its Fleet. 20 Frontline apparatus, 31 Staff vehicles, 5 Reserve apparatus, 7 Special Operations apparatus, and several trailers equipped with specialize equipment. The Department has recently replaced all of the current SCBA air packs and face pieces and is in the process of replacing all of the breathing air cylinders. All apparatus are required to have annual services and recertification of the pumps, aerial devices, fire hose and all ground ladders. Fleet Maintenance is also responsible for putting in to service all new vehicles, which requires decaling, wiring emergency lights and sirens, installing radio equipment and mounting any necessary equipment. The Department put in to service, 10 new vehicles in 2020, 3 of which were new Dodge Ram Pick-Up truck Command vehicles for Suppression/Operations Division. Four Fleet Maintenance Personnel perform the work.

The Facilities Maintenance Division is responsible for maintaining all Fire Department facilities. The Evansville Fire Department has 14 Fire Stations, and a Training Center. Several Stations had significant repairs and upgrades performed this past year. This work is handle by the Facilities Manager and the City Maintenance personnel.

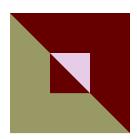
The Communications/IT Division is responsible for all Fire Department computers and communication equipment, both in the Fire Stations and the apparatus. All Suppression portable radios have been replace with the new P25 portable radios. One Communications Specialist performs this work.

The Quartermaster is responsible for outfitting all Fire Suppression Personnel with the needed structural firefighter gear they will need to perform their duties as firefighters. The Quartermaster schedules all annual inspections of the fire gear, performs repairs to the fire gear and replaces the gear when it is no longer serviceable. The Quartermaster performs this work.

Paul H. Anslinger Assistant Fire Chief





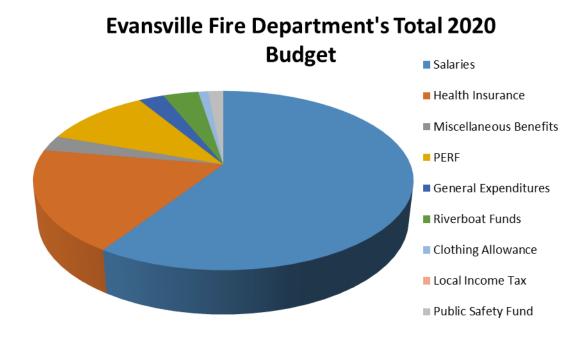




BUDGET/EXPENDITURES

The Evansville Fire Department's total budget for 2020 was \$30,819,346.64. The following is a breakdown of our budget:

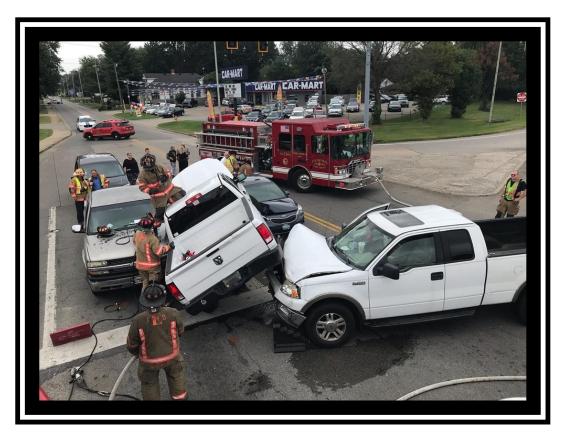
- Salaries \$18,512,946.67 or 60.07% of the total budget
- Health insurance \$5,794,279.65 or 18.8% off the total budget
- Social Security, Unemployment & Workman's Comp \$885217.80 or 2.8% of the total budget
- PERF (Public Employees Retirement Fund) \$3,386,688.77 or 10.99% of the total budget
- General Expenditures \$800,384.43 or 2.6% of the total budget
- Capital Expenditures/Riverboat Funds \$1,118,177.46 or 3.63% of the total budget
- Clothing Allowance \$287,766.56 or .93% of the total budget
- Capital Expenditures/ Local Income Tax (LIT) \$0 or 0 % of the total budget
- Capital Expenditures/Public Safety Funds \$484,231.56 or 1.57% if the total budget



OPERATIONS DIVISION

The Suppression Division consists of 252 firefighters comprised of 1 Operations Chief, 6 District Chiefs, 51 Captains, 45 Lieutenants, 149 Privates, and 3 Fire Investigators. The Suppression Division is manned firefighters who work on one of our three twenty-four hour rotating shifts. Each shift is comprised of 84 personnel operating from one of Evansville's 14 fire stations. In 2019, the Evansville Fire Department employed 5.642 firefighters per square mile which represents 2.36 firefighters per every 1000 persons. The Departments minimum staffing levels meet NFPA Standard 1710, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments.

The firefighting fleet of the Evansville Fire Department consists of 9 Engines 4 of which carry 1000 gallons on board water. These Engines are used primarily to pump water through hoses to the fire and water from fire hydrants to a fire scene, 1 Aerial Ladder (110') used to provide large volumes of water or firefighter access to buildings in excess of three stories. 5 Quints with one being 107' Aerial Platform Quint and one 107'aerial ladder Quint. All which can be used as an Engine or aerial ladder at fire scenes, 2 Rescue Squads that supply additional lighting, breathing air and specialty rescue equipment. 1 Hazardous Materials Response Vehicle, including a 30' trailer for equipment. 4 Suppression Chief Vehicles. All emergency apparatus, with the exception of our Rescue Squads, respond to emergencies with a minimum of four firefighters. The Rescue Squads respond with a minimum of two firefighters. The Suppression Division also has 6 pieces of reserve apparatus consisting of 3 Engines (Type I), 1 Heavy Rescue, and 2 Quints (75').



East Riverside Dr. and Hyw41 Extrication Engine 15, Rescue 1, A32, Engine 14



OPERATIONS DIVISION

March of 2020 the Evansville Fire department was preparing for the first wave of the COVID 19 pandemic. Using information from Indiana department of homeland security (IDHS) and CDC and our local Medical director the Evansville Fire department developed a plan to help safe guard our firefighters against the COVID 19 Virus. Provided cloth mask to be worn in all common areas. Required twice daily temperature readings in suppression and implemented employee screening questions.

- In the last 72 hours have you had a fever and/or taken medications for a fever?
- ◆ In the last 7 days have you had symptoms of a lower respiratory illness (cough, difficulty breathing, etc.)?
- ♦ In the past 14 days have you been in close contact with a person known/suspected to have Coronavirus (COVID-19) and/or have you been diagnosed with COVID-19?



The Department Locked down all Fire stations, and stopped all interdepartmental transfers to prevent a firefighter being infected and possibly infecting numerous stations at once. The Department also limited all non-emergent public interactions, discontinued station tours, public relations activities and off site training.

All firefighters were provided emergent PPE for EMS runs such as Medical gloves, face shield, N95 mask, and gowns. Surgical masks were provided for the patient to limit our exposure to aerosol generating coughs. Working together with the Vanderburgh County Central Dispatch (VCCD) and our ambulance provider, we changed the Emergency Medical Dispatch (EMD) protocol for dispatch to classify the EMS run either "low" risk or "high" risk. This provided information allowed responders to use the proper PPE for the type run dispatched.

EFD working with our medical director established a flow chart to help answer any question of COVID-19. The Evansville Fire Department administration and Fire Fighters Local 357 worked closely together to allow exceptions Memorandum of Understanding (MOU) to the 357 union contract and EFD policies to assist in staffing stations and apparatus during this time.

At the end of April, the viral curve flattened and allowed EFD to use of interdepartmental moves for back fill to maintain minimum staffing levels, using available manpower shift wide. While keeping other restrictions in place. All family and friends were denied access to Fire stations. All tour groups and familiarization tours are still suspended. All Non-essential personnel were cleared through the Fire Chiefs office by asking the employee screening questions prior to allowing personnel from vehicle maintenance and building repair to enter the stations and were required to wear a mask while providing their services.

November 1, 2020 COVID 19 numbers surged in the State and Vanderburgh County. The EFD Administration and Fire-fighter Local 357 met again and extended the exceptions (MOU) to the Union contract and Departmental policies and once again reinstated the lock down and restrictions of interdepartmental moves. Emergency responses for the citizens were not affected during this time. These exceptions remained in affect the remainder of the 2020 year.

City Fire Response Activity

In 2020 the Evansville Fire Department responded to a total of 9388 Fire and medical "Calls for service." These "Citizens Calls for Service" generated 16,029 apparatus responses. The total number of "Committed hours by nature" resulted in 3231.40.58 hours and minutes of man-hours

Report of the Vanderburgh County Central Dispatch:

The average time for the Evansville Fire Department to be dispatched and then arrive at the emergency was 04:13 minutes and seconds. The Departments response time is consistent with NFPA Standard 1710, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments.



OPERATIONS DIVISION

PRESENT FIRE STATION LOCATIONS & MINIMUM DEPLOYMENT CONFIGURATION

STATION	ADDRESS	APPARATUS	PERSONNEL	
Station 1 HAZMAT TRT Rescue	750 S.E. Eighth St.	Engine 1 Ladder 1 Rescue 1 Investigation Unit Hazmat 1 & Trailer	4FF 4FF 2FF/EMT 1 Investigator Cross-staffed	
Station 2	3601 Maxx Rd.	Engine 2	4FF	
Station 3 Water Rescue Dive Rescue	Engine 90 Engine 3 Engine 3 Rescue 3 Vater Rescue Utility 3		4FF 2FF/EMT Cross-staffed Cross-staffed Cross-staffed	
Station 4	1200 Oakhill Rd.	Engine 4 Brush 4	4FF	
Station 5	2413 W. Maryland St.	Quint 5 Quint 905	4FF	
Station 6	6521 Washington Ave.	Engine 6	4FF	
Station 7	1050 S. Barker Ave.	Engine 7 Engine 907	4FF	
Station 8	2003 N. Kentucky Ave.	Quint 8	4FF	
Station 9	2020 Keystone	Quint 9 Quint 909	4FF	
Station 10 WEST CHIEF OFFICE	120 E. Columbia St.	Engine 10 4FF West District Chief 1DC		
Station 14	545 S. Willow Rd.	Engine 14	4FF	
Station 15	1711 S. Weinbach Ave.	Engine 15	4FF	
Station 16 EAST CHIEF	2801 Washington Ave.	Quint 16 Engine 901 Each District Chief	4FF	
OFFICE Station 17	425 W. Mill Rd.	East District Chief Quint 17	1DC 4FF	

OPERATIONS DIVISION





Top Left: Captain Tony Knight. Green Tree Plastics Fire 1107 E Virginia Street—August 4, 2020. Responding Companies: Platoon 3, E10, E3, E4, Q, 8, A33, R3, E1, L1, Q16, E15, A32





Green Tree Plastics August 4, 2020 Left: Capt. Mike Bacon Right: Firefighter Josh Utley





OPERATIONS DIVISION





Green Tree Plastics Fire—August 4, 2020 Responding Companies: Platoon 3, E10, E3, E4, Q, 8, A33, R3, E1, L1, Q16, E15, A3

Top Right: Firefighter Levi Thene
Bottom Left: South side of Green Tree Plastics Engine 3 suppling water to Ladder1
Bottom Right: Quint 8 applying master steam to Green Tree Plastics to cut off fire spread to adjacent buildings.

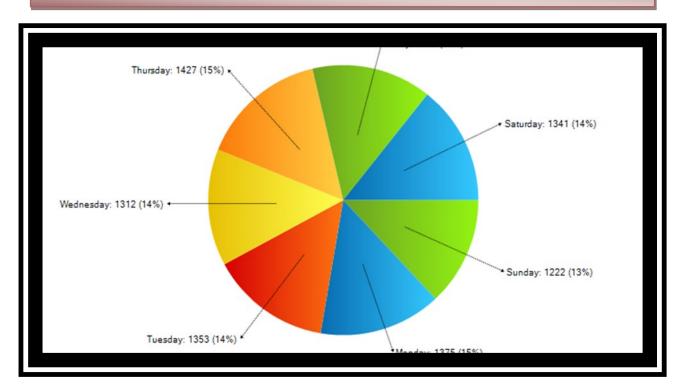






OPERATIONS DIVISION

CALLS FOR SERVICE BY HOUR OF DAY 1/01/20 TO 12/31/20





Calls for service by Day of Week for 2020 Apparatus Responses

Sunday 1222 Monday 1375 Tuesday 1353 Wednesday 1312 Thursday 1447

Friday 1348

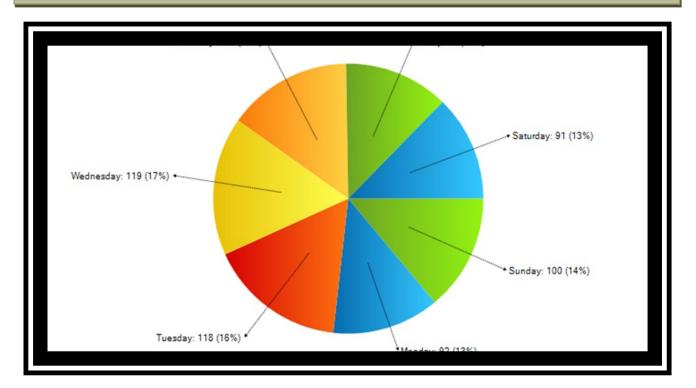
Saturday 1341

NFIRS Report show that the Calls for Service required 16,029 apparatus responses from EFD, with an average of 43.76 apparatus responses per day. There were 1.83 apparatus responses per hour in 2020.



OPERATIONS DIVISION

Runs for the Month of December 12/01/18 thru 12/31/18

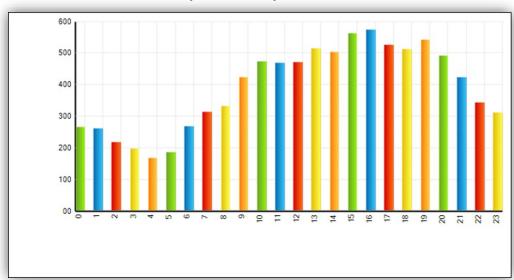


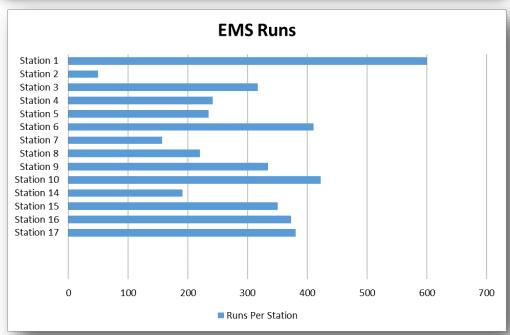
Day of Week	<u>Incidents</u>
Sunday	100
Monday	92
Tuesday	118
Wednesday	119
Thursday	107
Friday	90
Saturday	91
Total Incidents	717



OPERATIONS DIVISION

Calls for service by hour of day 01/01/2020 to 12/31/2020





EMS Runs	per Station 2020
Station 1 / 600	Station 2 / 50
Station 3 / 317	Station 4 / 242
Station 5 / 235	Station 6 / 410
Station 7 / 157	Station 8 / 220
Station 9 / 334	Station 10 / 422
Station 14 / 191	Station 15 / 350
Station 16 / 373	Station 17 / 380

QUARTERMASTER DIVISION

The Evansville Fire Department Quartermaster Division was established in 2014 to oversee the repair and replacement of gear that protects our firefighters. Yearly inspections, spot checks and firefighter-initiated repair requests are the most common means of achieving safe and effective gear for firefighter safety, which is the number one focus of the Quartermaster.

The Quartermaster maintains two sets of gear for each firefighter, which allows the firefighters to change into a back-up set in the event their primary set is dirty or needs repairs. Modern fires contain a high content of manmade materials including microfibers, polyurethane, engineered wood, polyesters, synthetics and plastics, which produces far more carcinogenic pollutants on the gear of firefighters than the common house fire of yesteryear. These carcinogenic pollutants are linked to an increase of cancer among firefighters.

The typical washing cycle for thorough cleaning of gear takes an hour. Additional time is allotted for separating and breaking down gear for Machine washing and the handwashing of gloves, helmet shell, boots and other tools that may have been soiled. After washing, the liners take on average three hours to thoroughly dry. The thick thermal protective moisture barrier that is on one side of the liner to protect the firefighter from steam burns also impedes the flow of air through the material, therefore slowing the drying process. By having a second set of gear on hand allows the firefighter a clean set available to keep the truck in service for the next run; the added benefit of helping the longevity of each set of gear.

Maintenance of firefighter gear consists of cleaning, inspection and repair. NFPA standards recommends annual inspection and cleaning. The Quartermaster Division documents and tracks all cleaning, maintenance and repair within a PPE tracking software. The Quartermaster Division performs almost all repairs in-house, which includes patching, replacing Velcro, fixing suspender and liner attachments, pocket replacements, pocket dividers, zipper repairs and helmet liners, among others. The Quartermaster also performs occasional tests on the PPE including the water resistance ability of liners and boots. Not only does in-house repairs save money, but also saves down time spent without a second set of gear. The alternative to in-house cleaning and inspection is to send gear back to a manufacturer, which is costly, adds a longer turnaround time, has delays in shipping of gear and extends the time a firefighter is without his/her second set of gear. To better illustrate the cost savings of in-house repairs, here is an example from the year 2016, the last time an outside contractor was utilized for routine repairs. As of four years ago, the cost of inspecting a coat and its liner, patching two holes and replacing one piece of Velcro was \$117.36, \$25 of which was the cost of the material for the patches and the piece of Velcro. The Quartermaster can accomplish the inspection, cleaning and the same three repairs, in as little as 20 minutes, at a cost of \$14.30. That is a savings of \$103.06 on one set of gear. This savings is due to purchasing bulk raw material and doing repairs in-house. Although there are times when a liner is returned to the manufacturer due to the scope of work, those times are kept to a minimum.

The COVID-19 pandemic has placed additional workload on the Quartermaster. Several crews were sent home due to possible exposure with patients known to have, or was highly suspected to have, the Coronavirus. In these cases, the Quartermaster instructs the crew to bag their gear to prevent cross contamination and a special time is immediately set aside to retrieve the gear for the decontamination process. The contaminated gear is removed from the stations and the stations are cleaned and decontaminated to avoid possible cross contamination with incoming crews and the public they serve. During the decontaminations processes, N95 masks, face shields and medic gloves are worn when handling the gear as preventive measures. In addition, normal pick-up and delivery procedures include the use of PPE to protect all fire personnel involved and by extension the public with whom they may come in contact, from cross-contamination. After decontaminated, the gear is returned to the crewmember upon his/her return to full duty.



QUARTERMASTER DIVISION

COST TO OUTFIT A FIREFIGHTER



COST BREAKDOWN

Helmet:	\$ 250
Particulate Hood:	\$ 100
Bunker Coat:	\$2,060
Bunker Pants:	\$ 900
Gloves:	\$ 95
Leather Boots:	\$ 395
Water/Shock/Heat	
Resistant Radio	\$2,500
SCBA:	\$5,400
SCBA Face piece:	\$ 250
-	





Pictured: Captain Steven Bogard, Station #5, in Basic Turn Out Gear

Firefighter turnout gear that is deemed unfit for active firefighting is recycled in different ways. Some turnout gear parts are striped and used on other gear for repairs. Gear that is deemed no longer safe for firefighting is utilized by the Training Division for non-firefighting scenarios, which reduces the wear and tear on frontline gear during training exercises.

Evaluation of firefighter gear will be an ongoing process for the Quartermaster Division. The Quartermaster, along with the Fire Chief, Assistant Chief, and the Safety Committee will continue to seek out PPE that best fit the Department's needs and keep the firefighter safe. Proper care and maintenance of firefighter PPE will not only help to keep firefighters safe on the job; it will help to prevent future illness. Exposure to hazardous contamination left on the gear is one of the leading causes of death in firefighters, active duty and retired. Firefighters help to protect our city; the Quartermaster Division in turn helps to protect our Firefighters.

QUARTERMASTER DIVISION

"Personal Protection Equipment" (PPE), more commonly known as Turnout Gear, is the response uniform worn by firefighters when answering an emergency call for service. The tools needed for a particular emergency determines the weight of the turnout gear the firefighter wears in response. Below, Captain Steven Bogard of station #5 demonstrates the difference in uniforms and the weight of gear a firefighter carries in response to emergency calls.



Station Wear 212 lbs.



Basic Turn Out Gear 281 lbs.



"Armed for Battle" 305 lbs.



TRAINING DIVISION



Above: Members of Recruit Class #61-20 performing aerial ladder training at the EFD Training Facility in 2020.

The Evansville Fire Department (EFD) Training Division oversees Fire and Emergency Medical Services (EMS) training for the department's 273 members. Recruit Class #61-20 added fourteen new firefighters to fill vacancies in 2020.

Upgrades to the EFD/Indiana Firefighter Training System District 10 Training Facility were made consisting of the purchase of furniture, a new computer, taking possession of steel shipping containers to be used in building a live-fire training prop, and miscellaneous equipment and consumables used in fire training.

The Coronavirus Pandemic impacted the Training Division and the Evansville Fire Department as a whole. Many events such as the Fire Department Instructors Conference (FDIC) were cancelled. Stations were effectively "locked down" to prevent unnecessary exposure to the virus. Thus, incumbent firefighter training was all but eliminated except at the company (station) level.

As part of EFD's emergency response to the Coronavirus, the Training Division's responsibilities were shifted from incumbent firefighter training to personal protective equipment (PPE) procurement, inventory and delivery for most of the year.



EMS Manager Keith Current would have been nominated for the 2020 Indiana EMS Primary Instructor of the Year Award and the Evansville Fire Department would have been nominated for the 2020 Indiana Basic Life Support (Non-Transport) Provider of the Year Award at the Indiana Association of Fire Chiefs annual Indiana Emergency Response Conference. The Conference, however, was cancelled due to the Pandemic. EFD received the award for Indiana Basic Life Support (Non-Transport) Provider of the Year at the 2019 conference.

In August, Captain Dan Brown was promoted to the rank of Instructor to fill the position of Rick Whitehouse, who will be retiring on January 8, 2021, following 32 years of service with EFD and some 18 years in the Training Division.

TRAINING DIVISION PERSONNEL

Mike Ewald

District Chief - Chief of Instruction 1A40

District Chief Mike Ewald is responsible for the daily operations of the Training Division. He is a 17-year member of the EFD and assumed the role of Training Chief in 2016. Prior to his promotion to District Chief, he most recently served as a Captain on Rescue 3.

TRAINING DIVISION

TRAINING DIVISION PERSONNEL CONTINUED

Rick Whitehouse

Instructor 1A41

Instructor Rick Whitehouse is a 31-year veteran of the EFD. He plans to retire in January 2021 with 32-years of service. Instructor Whitehouse is the senior member of the Training Division with 18-years as an Instructor. In 2017, Rick Whitehouse received the Indiana Association of Fire Chiefs Instructor of the Year Award at the Indiana Emergency Response Conference Awards Ceremony. Before joining the Training Division, he previously served as a Captain on Engine 10.

Steve Jordan

Instructor 1A42

Instructor Steve Jordan is a 25-year member of EFD and has served in the rank of Instructor since 2016. Instructor Jordan has previous experience as a Lieutenant on Engine 10, a Fire Inspector and Second Shift Fire Investigator prior to joining the Training Division. In 2019, Steve Jordan received the Indiana Association of Fire Chiefs Instructor of the Year Award at the Indiana Emergency Response Conference Awards Ceremony.

Jennifer Hunt

Instructor 1A43

Instructor Jennifer Hunt joined the Training Division in February 2019. She previously served as a Captain on Quint 9 before her promotion to Instructor. She is a 20-year veteran of the EFD.

Dan Brown

Instructor 1A44

Instructor Dan Brown was promoted to Instructor in August 2020. He previously served as Captain on Engine 15 and Engine 3 before his promotion to Instructor. He is a 20-year veteran of the EFD.

R. Keith Current

Emergency Medical Services (EMS) Manager 1A45

Keith Current oversees the emergency medical service operations of the Evansville Fire Department. He is responsible for instruction, certification, policies, equipment and supplies pertaining to EFD's response to calls for medical assistance. Keith is a retired EFD Captain following a 22-year career who re-joined EFD as a civilian employee as EMS Manager in 2014. In 2018 and 2019, Keith was nominated for EMS Instructor of the Year at the Indiana Association of Fire Chiefs Emergency Response Conference Awards Ceremony. Under Keith's direction, EFD was named the 2019 Indiana EMS Fire-Based Basic Life Support Provider of the Year at the Conference for outstanding care for our EMS patients.

thistogether

Even if we can't hold

hands right now.



TRAINING DIVISION

TRAINING FACILITIES AND APPARATUS

Evansville Fire Department Administration Building

550 S.E. Eighth Street, Evansville, IN 47713

The EFD Administration Building houses the offices of the Chief of Instruction, Instructors and the EMS Manager, as well as storage of supplies and reference materials. The warehouse portion of the facility houses a small scale "House/Apartment" prop which is used for various firefighter training evolutions.

Additional amenities at the Administration Building which are used frequently by the Training Division include the Fitness Gym/Locker Room, the Administration Building Classroom, two Conference Rooms and the Quartermaster Area for cleaning and maintaining personal protective equipment.

Evansville Fire Department Training Facility

2301 Buchanan Road, Evansville, IN 47720

The EFD Training Site is a 1.5 acre site used for various training evolutions. The paved site contains a 5-Story concrete Training Tower, a 1,200 SF Classroom Building, a Fire Behavior Burn Chamber, a multi-use Roof Ventilation Prop Building, a propane-fueled Car Fire prop and a Forcible Entry door system prop. The site has electric power and two municipal fire hydrants. The large, paved area is also used for EFD emergency vehicle Driver-Operator training.

The EFD Training Site serves as the Primary Training Site for the 12 counties comprising District 10 of the Indiana Firefighter Training System. In doing so, the facility is available for use by departments within District 10.



Above: Recruit Class #61-20 taking an exam in the Training Facility Classroom

TRAINING DIVISION

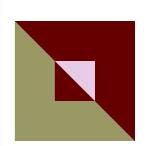






Bottom Left:

Roof Ventilation Prop
Building.



TRAINING DIVISION



The EFD Training Division relies on the use of Reserve EFD Apparatus during Recruit Academies.

Above: Gas-fired Car Fire Training Prop

Training Engine 1E907

Engine 907 is normally housed at Fire Station No. 7 on the City's west side and is routinely used and temporarily housed at the Training Facility as needed. E907 is a fire engine equipped with a 1,500 gallon-per-minute (GPM) fire pump, a 500-gallon water tank, hose, ground ladders and tools.

Right: E907 in use for a fire attack evolution during Recruit Academy



TRAINING DIVISION

Quint 909 in use for ladder company training during Recruit Academy



Training Quint (Above) 1Q909

Quint 909 is normally housed at Fire Station No. 9 on the City's east side and is routinely used and temporarily housed at the Training Facility as needed. A Quint is a single apparatus that provides a fire pump, water tank, aerial ladder, multiple ground ladders and fire hose. On the fireground, it can be used as either an Engine, a Ladder Truck, or both. Q909 is equipped with a 1,500 GPM fire pump, a 500-gallon water tank, a 75-foot aerial ladder, hose, multiple ground ladders, and tools.

Mobile Cascade Unit (Right) MCU-1

The Evansville Fire Department took delivery of a new Mobile Cascade Unit built by Breathing Air Systems. The unit contains a fill station and 4-6,000 psi air cylinders. It will allow for re-filling self-contained breathing apparatus cylinders (SCBA) at the EFD Training Facility as well as other training locations or incident scenes. In addition to filling spent cylinders, the unit carries 33 spare SCBA cylinders.



TRAINING DIVISION

PANDEMIC IMPACT ON FIRE TRAINING

In late February 2020, EFD Fire Chief Mike Connelly implemented an Emergency Incident Action Plan to deal with the worldwide Coronavirus Pandemic sweeping through the United States. New responsibilities were assigned to the Administrative Chiefs and their personnel to manage the crisis. A short time later, the Department implemented a series of restrictions aimed at protecting personnel from the spread of the virus. Stations were "locked-down" to prevent firefighters from leaving the station except on emergency responses. Effectively, incumbent training activities were limited to single companies training amongst themselves at their station. A Recruit Academy scheduled to start in March was postponed twice before finally being allowed to commence in August.

The Training Division and EMS Manager were assigned the task of managing personal protective equipment (PPE) for firefighters and facilities during the Pandemic. An inventory of existing PPE items was performed, and PPE use and issuance were carefully managed. Critical items such as N-95 respirators were in short supply and hard to get due to the overwhelming demand. Under the direction of the Training Division, the EFD supply of PPE was bolstered. Crews were never without needed PPE. The supply of N-95 respirators was expanded from 150 at the onset of the Incident Action Plan to over 3,000 by mid-summer.

Additionally, the Training Division supplied stations with PPE and facility disinfecting supplies, working closely with the City of Evansville and the Vanderburgh County Emergency Management Agency.

An unanticipated problem created by the Pandemic was a sharp rise in the administration of Narcan (Naloxone), a drug used to reverse the effects of opioid use. Narcan use nearly doubled. Even with almost doubling the amount of Narcan used in 2020 versus the previous year, EMS Manager Keith Current was able to keep EFD crews supplied with Narcan throughout the year.







Above: Instructor Dan Brown speaking to Jessica Costello of WFIE 14 news on the impacts of the Pandemic on firefighter training.



TRAINING DIVISION

FIRE TRAINING

The Training Division participated in the following activities related to Professional Development, Fire Department Public Relations, New Recruit Firefighter Training, Probationary Firefighter Training, Incumbent Firefighter Training, Training Facility Improvements and Equipment Testing in 2020:

Professional Development

EFD Instructors normally attend the Fire Department Instructors Conference (FDIC) in April in Indianapolis, IN, each year. FDIC was canceled for 2020 due to the Pandemic. FDIC is the world's largest fire instructor conference.

District Chief Ewald served on the Indiana Firefighter Training System District 10 Training Council, serving as the Evansville (career) Fire Department representative. Meetings were changed to a combination of virtual and inperson format and many training activities were canceled or switched to a virtual format where possible.

Fire Department Public Relations

The Training Division normally plays a key role in assisting the Administration and Evansville Professional Fire-fighters Union Local 357 in presenting their "Fire Ops 101" class. The Fire Ops 101 Class allows politicians, business leaders and media a chance to participate in hands-on firefighting evolutions such as: Medical Response; Aerial Climb; Car Fire; Vehicle Extrication; Forcible Entry; and Live Fire Training. The event is held at the EFD Training Facility. A Fire Ops 101 Class planned for 2020 was canceled due to the Pandemic. The Training Division was, however, able to assist with providing local media coverage of Recruit Academy #61-20.

Incumbent Firefighter Training

The Evansville Fire Department Training Division strives to provide meaningful training to its 240-plus Suppression Personnel in an effort to maintain proficiency and expand on their basic knowledge and skills. In doing so, the Training Division works to comply with the requirements of the Indiana Occupational Health & Safety Administration (OSHA), the National Fire Protection Association (NFPA) and the Insurance Services Office (ISO) with regard to training.

During a typical year, the Training Division would oversee over 6,000-plus hours of OSHA-Required / ISO Recommended Facility Use Training by 245 Suppression personnel. However, the response to the Pandemic meant that firefighter wellness and safety would take precedence over training, at least in 2020, as follows:

Annual Training

OSHA Work Performance (Firefighting Skills) Evaluation - Canceled OSHA Required Training - Mostly Canceled

Quarterly Training for interior structural firefighters

Q1: Canceled Q2: Canceled Q3: Canceled Q4: Canceled



Additional Facility Use Training Sessions - Canceled.

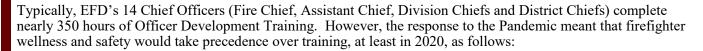
The Training Division supports Company Officers in scheduling, planning and providing daily Company Level Training. Company Level Training provides refresher training on basic skills and maintains competency. EFD Suppression personnel completed some 70,000 hours of daily Company Level Training in 2020.

TRAINING DIVISION

Company Level Training topics include, but are not limited to: Driver/Operator; Pre-Plans; Rope; Hose, Ladders; Communications; Pump / Aerial / Rescue Operations; Ventilation; Fire Behavior

The Training Division supports Company Officers in completing Existing Company Officer Training. Existing Company Officer Training provides training based on Incident Command, Incident Critique and Leadership topics. Typically, EFD Company Officers (Captains and Lieutenants) would complete over 1,200 hours of Company Officer Training. However, the response to the Pandemic meant that firefighter wellness and safety would take precedence over training, at least in 2020, as follows:

- Daily (Leadership) Duties, i.e. Roll Call, Reports, etc.
- ♦ Training Session 1 Canceled
- ♦ Training Session 2 Canceled
- ♦ Training Session 3 Canceled
- ♦ Training Session 4 Canceled



- ♦ Division Chief Weekly Meetings
- ♦ Administrative Staff Monthly Meetings Suspended, then conducted virtually
- ♦ Fire Ops 101 Program Canceled
- ♦ Additional Chief Officer Seminars/Programs Canceled
- Fire Department Instructor's Conference (FDIC) Canceled
- Special Events Planning and Coordination: West Side Nut Club Fall Festival Canceled
- ♦ Special Events Planning and Coordination: Shrinerfest Air Show Canceled

Probationary Firefighter Training

The Training Division coordinated the completion of Probationary Firefighter Training and Driver Certification for 12 Probationary Firefighters during 2020. Following graduation from Recruit Academy, the Probationary Firefighters must complete required monthly training in addition to their regular duties in the fire station. Probationary Firefighters are required to demonstrate the completion of specific skills training each month until the one-year anniversary of their employment. Additionally, Probationary Firefighters must pass the EFD Driver Certification program that tests their ability to safely and effectively operate fire department apparatus.

Driver Certification includes:

Roadway driving and Indiana Emergency Vehicle Operations; Maneuvering Course; Pump Operations; Aerial Operations; Static Water Source Supply (Drafting); and Safety Considerations.

Recruit Firefighter Training

The Training Division provides cognitive and psychomotor training for new Recruit Firefighters during the first 16 weeks of their employment with the City of Evansville Fire Department. Upon graduation from a Recruit Academy, the requirements for new Career Firefighters set forth by the Indiana Board of Firefighting Personnel Standards and Education are met and/or exceeded.

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TRAINING DIVISION

Recruit Firefighter Training Continued:

EFD Recruits receive Indiana Firefighter I/II, Hazardous Materials Awareness and Operations, Technical Rescue Awareness and National Registry (Indiana) Emergency Medical Technician (NR-EMT) certifications following the completion of 480 hours of fire training and 240 hours of EMT training. In 2020, Recruit Class #61-20 produced fourteen EFD Probationary Firefighters. Through an agreement with the City of Boonville, IN, the Boonville Fire Department sends their new firefighters to attend the EFD Recruit Academies. Recruit Class #61-20 included Boonville Firefighter Bradley Stroud.



Above: EFD Recruit Class #61-20 surprise graduation for Recruit Adam Ulrich, whose wife was being deployed overseas just prior to the scheduled graduation.

Equipment Testing and Evaluation

Typically, the Training Division would perform annual Ground Ladder Testing in accordance with NFPA 1932 for all department apparatus and perform annual Self-Contained Breathing Apparatus facepiece and Air Purifying Respirator mask fit testing in accordance with NFPA 1500 and NFPA 1404 for all new and incumbent suppression personnel. However, the response to the Pandemic meant that firefighter wellness and safety would take precedence over performing the annual testing.



Lion Digital Fire Training Systems demonstration hosted at EFD Training Facility



EMS DIVISION

EMS TRAINING

EMS Manager R. Keith Current

The Evansville Fire Department Training Division oversees new and incumbent Emergency Medical Services (EMS) Training for the Department.

Training

Monthly EMS in-service training hours for 2020 totaled 7,803. The EFD Training Division is also providing training and records keeping for numerous Evansville Police Department officers and other local individuals who are certified at the Emergency Medical Technician (EMT) level.

Mandatory Training

EFD completed Bloodborne/Airborne Pathogen and Lockout-Tagout training, which are annual OSHA required training programs. With the opium and opioid epidemic, all Suppression personnel are trained as to how to administer Naloxone (Narcan) and all EFD apparatus carry Narcan.

EMT Classes

The Evansville Fire Department, in conjunction with our Recruit Academy, completed one EMT class of 242 hours in 2020, with a 100% pass rate, certifying 14 new EFD firefighters and one Boonville Firefighter to the EMT level. The State of Indiana requires the use of the National Registry EMT exam to achieve Indiana certification.

Emergency Medical Technicians

The Evansville Fire Department re-certified 6 Paramedics, 94 EMTs, and 20 Emergency Medical Responders (EMR's) in 2020. The Evansville Fire Department currently has 80% of its members certified as EMT's or Paramedics. All personnel on the department are at least certified at the EMR level.

Coronavirus Pandemic

The Pandemic was a big factor in EMS responses in 2020. Run volume decreased 16%, primarily due to EFD limiting responses to only essential runs. This was done as part of EFD's Incident Action Plan to protect firefighters from unnecessary exposures to the Coronavirus.

Emergency Medical Responses

The Evansville Fire Department provides First-Responder Medical Service to the most serious medical (Delta Response) calls with American Medical Response (AMR) and when requested by the Evansville Police Department or other agencies. EMS run reports are entered into the department's Firehouse EMS Run Reporting Software system, the Evansville Fire Department responded to 9,981 overall calls in 2020, with 4,841 of those calls being for medical assistance. This shows that EMS runs accounted for 49% of the overall run volume of the Evansville Fire Department for the year 2020.



EMS DIVISION

Abdominal Pain	43	
	21	
Allergic Reactions		
Animal Bites	2	
Assaults/Rapes	25	
Back Pain	13	
Difficulty Breathing	760	16 %
Burns	2	
CO/Hazmat	4	
Cardiac/Resp. Arrest	178	
Chest Pains	494	10.2 %
Choking	43	
Seizures	434	9 %
Diabetic	125	,,,
Drowning	4	
Electrocution	3	
Eye Injury	1	
Falls	290	
Headache	4	
Cardiac Emergency	68	
Heat/Cold Emergency	5	
Hemorrhage	57	
Industrial Accident	3	
Overdose/Poisoning	146	
Overdose/Narcan Used	294	
Pregnancy	34	
Psychiatric Emergency	55	
Sick Person	27	
Shooting/Stabbing	78	
Stroke	47	
Motor Vehicle Crash	772	16 %
Traumatic Injury	9	
Unconscious Person	515	11 %
Dead At Scene	191	
Unknown	0	
Manpower	3	
Lift Assist	80	
Forcible Entry	28	
	4,841	
Total	1,041	



EMS DIVISION

2020 Trends

The most drastic increases in our responses from 2019 to 2020 was a 121% rise in **overdose runs with Narcan administered**, a 61% increase in **unconscious/dead at scene** runs and a 78% increase in **lift assist** runs.



Hemorrhage runs <u>decreased</u> by 46%, **difficulty breathing** runs decreased by 42%, and **chest pain** runs decreased by 25% in 2020.

Audit and Review

Currently the Evansville Fire Department audits a minimum of 80% of its EMS calls, including 100% of cardiac arrest runs and runs where medication is administered.

Medication Administration

Evansville Fire Department EMT's are certified to either administer or assist with administering oxygen, aspirin, glucose, nitroglycerin, Narcan, and Epi-Pens. EFD averages nearly 99% compliance in oxygen administration, and nearly 98% compliance in administering aspirin for chest pain patients per our protocols.

Through diligent work by EMS Manager, R. Keith Current, the Department managed again in 2020 to secure and maintain a supply of Narcan for opioid epidemic related EMS calls at no cost to the City.

New Indiana EMS regulations now allow EMT's to perform pulse oximetry and glucometer use. All EFD apparatus are now supplied with Pulse-Ox units supplied by the Deaconess Hospital Foundation, however, glucometers are not carried on apparatus at this time.

Supplies/Equipment

EFD continues to purchase the majority of our medical supplies from the local transport ambulance provider, AMR, who has a largely discounted rate due to volume purchasing. A small number of items are able to be purchased through other Vendors who are able to beat the pricing available through AMR.

Vital Signs

The Evansville Fire Department tracks the following vital signs: Blood Pressure, Heart Rate, and Respiratory Rate. We maintain a 99% compliance in obtaining at least partial vital signs on responses where our personnel arrive prior to AMR.

Continuance

The Evansville Fire Department Training Division will continue to keep our personnel EMS compliant and provide continuing education to ensure that they are trained on the latest innovations and methods.



EMS DIVISION

Awards and Recognition

The Evansville Fire Department was recognized by the Indiana Association of Fire Chief's at the Indiana Emergency Response Conference in Indianapolis as the 2019 Indiana EMS Fire-Based Basic Life Support Provider of the Year for outstanding care with our EMS patients. EFD would have been nominated again in 2020. The Conference was canceled due to the Pandemic.

EMS Manager R. Keith Current was nominated for Indiana Primary EMS Instructor of the Year at the 2019 Emergency Response Conference. He would have been nominated again in 2020. The Conference was canceled due to the Pandemic.



Above: EMS Manager R. Keith Current (holding award) accepting the award for EFD as the 2019 Non-Transport Basic Life Support Provider of the Year flanked by EFD Chief Mike Connelly (left) and State Fire Marshal Greeson (right). (Photo credit: Indiana Association of Fire Chiefs)





SPECIAL

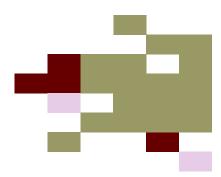
SPECIAL OPERATIONS & PLANNING

Special Operations coordinates the activities of the Evansville Fire Department (EFD) Hazardous Materials, Dive, Rope, Confined Space, and Technical Rescue Teams. The Planning Section assist the Chief to develop or manage significant planning efforts as directed or required. EFD participates with a number of Public Safety Partners to develop Safety & Security Incident Action Plans for significant events. Those Public Safety Partners include: Evansville Police Department, Vanderburgh County Sheriff's Department, American Medical Response, Vanderburgh County Suburban Fire Departments, Vanderburgh County Central Dispatch, Vanderburgh County Emergency Management Agency, Indiana National Guard 53rd Civil Support Team, and other State & Federal Agencies.

Planning Section & Vanderburgh County Central Dispatch Liaison

In 2020, EFD & EPD cooperatively developed and an Incident Action Plan for June 6th Downtown Protest that was utilized by EFD, EPD, AMR, EMA, Indiana National Guard, Indiana State Police, Central Dispatch, and Emergency Operations Center staff. Public Safety Partners developed a Strike Team consisting of 2-EFD Engines, 1-EPD Unit, 1-AMR Unit, and a Task Force Leader to coordinate all Strike Team actions with Unified Command. Additionally in 2020, The EFD Planning Section assisted in the development of incident & operational action plan for Vice President Pence's visit & the 2020 General Election. The Evansville Fire Department supported these special events with dedicated incident management, fire, hazmat, and/or EMS services valued at \$20,773.

The Planning Section assist with Phase 1 Environmental Site Assessment reports. A Phase 1 Environmental Site Assessment is a specific study for the presence or potential presence of hazardous substance or petroleum product releases into the soil and/or groundwater, as well as, into structures, which can migrate through the floor to the subsurface. EFD maintains archived records of such hazmat events/spills to research potential hazmat contamination per the address of concern. In 2020, EFD completed, and researched 37 Phase 1 Environmental Site Assessment requests for 211 properties.



2020 Special Operations Incidents

- ♦ High-angle or confined space rescue 1
- ♦ Water rescue related events 30
- Technical Rescue events 114
- ♦ Natural gas/LPG leak 143
- ♦ Chemical hazard, spill, or leak 37
- ♦ Carbon monoxide incident 95



SPECIAL OPERATIONS AND PLANNING

The Planning Section was charged with documenting the economic and operational impact of the COVID pandemic on EFD. Documentation of EFD activities could result in reimbursement of COVID related expenses to include force labor, force equipment, and COVID supplies. To this point, EFD has submitted three grant applications for potential reimbursement from the Federal Emergency Management Agency (FEMA). All COVID related activities/expenses from March 15, 2020 thru September 25, 2020 submitted to FEMA equal \$421,638. Though submitted, no grant has been awarded to the City of Evansville to this point for EFD. From September 26, 2020 forwarded EFD will continue to document such expenses for the potential of future Federal reimbursements, and to track EFD's efforts to fight the COVID pandemic as to operational and monetary impact.

COVID Responses Unit Cost Total - 2020					
Month	COVID Protocol Runs	Unit Hours	Unit Cost		
March	16	8.7	\$1,219.55		
April	63	28.9	\$4,029.62		
May	58	23.1	\$3,282.65		
June	38	13.1	\$1,747.43		
July	35	13.8	\$1,868.78		
August	29	13.8	\$1,934.33		
September	6	2.6	\$343.50		
October	55	23.9	\$3,245.42		
November	37	19.1	\$2,557.15		
December	44	19.1	\$2,575.92		
2020 Total	381	166.0	\$22,804.34		

In 2020, The Vanderburgh County Central Dispatch (VCCD) dispatched 15,829 EFD apparatus to 9,429 emergencies. This represents a 17% increase in apparatus activity since 2017. The VCCD Technical Committee is currently developing



	2020 EFD COVID Labor Disruption Cost						
Month	Quarantine Hours	Quarantine Cost	Quarantine Backfill Hours	Quarantine Backfill Cost	Restriction Backfill Hours	Restriction Backfill Cost	Monthly Total Cost
March	237	\$6,006	240	\$5,776	0	\$0	\$11,781
April	189	\$4,572	287	\$6,757	162	\$3,544	\$14,873
May	42	\$1,034	96	\$2,319	4,800	\$111,819	\$115,172
June	132	\$2,478	264	\$6,252	1,080	\$24,840	\$33,569
July	598	\$12,719	1,003	\$23,112	0	\$0	\$35,831
August	292	\$6,417	580	\$13,396	0	\$0	\$19,813
September	311	\$6,453	622	\$14,703	0	\$0	\$21,156
October	1,330	\$27,817	1,773	\$40,725	0	\$0	\$68,542
November	4,399	\$94,886	4,800	\$110,332	3,048	\$77,094	\$282,312
<u>December</u>	<u>2,491</u>	<u>\$52,919</u>	<u>4,344</u>	<u>\$96,091</u>	<u>4,100</u>	<u>\$98,117</u>	\$247,127
SubTotal	10,020	\$215,299	14,009	\$319,464	13,190	\$315,414	\$850,177
Total w/ Fringe Benefit	1.746	\$375,913	1.7929	\$572,767	1.7929	\$565,505	\$1,514,185
Total OT Hours							27,199



SPECIAL OPERATIONS AND PLANNING





2020 Special Event						
EVENT: VP Pence Hazmat Standby						
MANPOWI	_					
Date	Time	Unit	Staffing	Rate	Total	
08/17/20	11.5	IC	DC	\$41.61	\$478.52	
08/17/20	7.5	Fire/EMS	C,L,P,P	\$86.45	\$648.38	*Engine
08/17/20	7.5	Fire/EMS	C,L,P,P	\$44.41	\$333.08	*Rescue
				MANPOWER TOTAL	\$1,459.97	
APPPARAT	ΓUS			FEMA		
Date	Time	Unit	Spec	Type	Rate	Total
08/17/20	7.5	IC	Auto	8077	\$19.62	\$147.15
08/17/20	7.5	Fire/EMS	Engine	8681	\$140.00	\$1,050.0
08/17/20	7.5	Fire/EMS	Rescue	8696	\$96.36	\$722.70
					APPPARATUS	
					TOTAL	\$1,919.8
PLANNING						
Date	Time	Unit	Staffing	Rate	Total	
Varied	3	IC	DC	\$83.20	\$249.60	
				PLANNING TOTAL	\$249.60	
				EVENT: VP Pence TOTAL	\$3,629.42	
			Engine 100' Ft	8681	\$140.00	
			Aerial/Quint	8684	\$178.00	
			75' Quint	8694	\$121.00	
			Rescue	8696	\$96.36	
			IC Car	8077	\$19.62	



2020 Special Event								
EVENT: 6	George Flo	yd Protest		•				
MANPOW								
Date	Time	Unit	Staffing	Rate	Total			
06/06/20	6	EOC	1A1	\$98.82	\$592.92			
06/06/20	24	IC	DIVC	\$88.46	\$2,123.04	*Two in IC		
06/06/20	12	Dispatch	DC	\$83.20	\$998.40			
06/06/20	39	TFL	DC	\$59.44	\$2,318.16	*3 TFL w/ A	Aide	
07/04/19	19.5	Fire/EMS	C,L,P,P	\$172.90	\$3,371.55	*Three Engi	nes	
			MANPO	WER TOTAL	\$9,404.07			
APPPARA	TUS			FEMA				
Date	Time	Unit	Spec	Type	Rate	Total		
							*Three Chiefs	
07/04/19	19.5	IC	Auto	8077	\$19.62	\$382.59	Cars//Task Force Lead	
07/04/19	19.5	Fire/EMS	Engine	8681	\$140.00	\$2,730.00	*Three Engines	
	_			APPPARATI	J S TOTAL	\$3,112.59		
PLANNING	_			_				
Date	Time	Unit	Staffing	Rate	Total			
Varied	11	IC	DC	\$83.20	\$915.20			
				PLANNING				
				TOTAL	\$915.20			
			EV	ENT TOTAL	\$13,431.86			
Engine 8681 \$140.00								
100' Ft Aerial/Quint 8684 \$178.00								
75' Quint				8694	\$121.00			
Rescue				8696	\$96.36			
IC Car 8077 \$19.62								





		202	0 Special Eve	ent				
EVENT: Election Day Strike Team Standby								
MANPOWE	<u> </u>							
Date	Time	Unit	Staffing	Rate	Total			
08/17/20	10	IC	DC	\$29.72	\$297.20	*Both DCs		
08/17/20	10	Fire/EMS	C,L,P,P	\$86.45	\$864.50	*2 Engine		
08/17/20	5	Fire/EMS	C,P	\$44.41	\$222.05	*Rescue		
			MANPOWI	ER TOTAL	\$1,383.75			
APPPARAT	US			FEMA				
Date	Time	Unit	Spec	Type	Rate	Total		
08/17/20	10	IC	Auto	8077	\$19.62	\$196.20		
08/17/20	10	Fire/EMS	Engine	8681	\$140.00	\$1,400.00		
08/17/20	5	Fire/EMS	Rescue	8696	\$96.36	\$481.80		
			A	APPPARAT	TUS TOTAI	\$2,078.00		
PLANNING	1							
Date	Time	Unit	Staffing	Rate	Total			
Varied	3	IC	DC	\$83.20	\$249.60			
			PLANNING	G TOTAL	\$249.60			
Election Day Strike Team Standby TOTAL \$3,711.35								
		·		·				
			Engine	8681	\$140.00			
100' Ft Aerial/Quint 8684 \$178.00								
75' Quint 8694 \$121.00								
			Rescue	8696	\$96.36			
			IC Car	8077	\$19.62			



ROPE/CONFINED/TECHNICAL RESCUE







26 firefighters represent EFD as Rope Rescue Technicians, and all equipment is housed on Rescue 1 and Ladder 1. Captains Bryan Will, Rick Scheller, & Tony Knight serve as team leaders and instruct their respective shift in the effective and safe use of raising and lowering systems, and other technical evolutions. The team utilizes a full cadre of ropes, harnesses, carabiners, pulleys, intrinsically safe communications, surface supplied SCBA air system, and Skyhook systems tripod. The team utilizes our four-story training tower, local grain bins, water treatment plant, and the Ford Center for their high rise & confined space rescue evolutions.

Technical Rescue Team

EFD is the host of the Indiana Department of Homeland Security (IDHS) District 10 Technical Rescue trailer. The Technical Rescue Team Leaders are Captains Ed Parker & Chad Jordan, and Lieutenant Lester Seib. The Tech Rescue trailer provides the ability to respond to building & trench collapse incidents, thus providing specialized equipment that requires specialized training. The District 10 team has 35 members; 27 of which are from the EFD.



Lincoln Ave Water Tower



Red Spot Confined Space Training

HAZMAT TEAM







Leak Control in Level A

Flammable Liquids Flaring Operations

The team consists of 53 firefighters who are trained as hazardous materials technicians stationed at Stations 1 & 10. They utilize our well-equipped Ferrara Hazmat Truck and 35' Hazmat trailer with Command Space. Should mass decontamination be required, firefighters will deploy our TVI decon tent capable of decontaminating both ambulatory & non-ambulatory patients, allowing EFD to modestly and efficiently decontaminate patients involved in a chemical spill. Our hazardous materials team represents Southwest Indiana as the IDHS District 10 Weapons of Mass Destruction (WMD) asset, as a WMD is a hazmat incident with "an attitude".

Firefighters must undergo rigorous training to remain proficient and competent as hazardous materials technicians, thus training to identify unknown substances with a cadre of instruments on our hazmat trailer, or donning a "Level A" suit to stop a Chlorine leak. In 2020, hazmat team leaders Captains Shadrick, Kuhnel, and Bacon led training in unique ways despite the restrictions of COVID.

The objective of the Emergency Planning and Community Right-To-Know Act (EPCRA) is to: allow state and local planning for chemical emergencies, provide for notification of emergency releases of chemicals, and address communities' right-to-know about toxic and hazardous chemicals. Therefore, as a representative of the Vanderburgh County Local Emergency Planning Committee (LEPC), EFD received and recorded; 179 Vanderburgh County facility Tier II reports containing chemicals of reportable quantities within those facilities. The EFD Hazmat team utilizes Computer Aided Management of Emergency Operations (CAMEO) software to utilize these Tier II reports to manage hazmat incidents and develop incident action plans. District Chief Zuber is EFD's LEPC representative. EFD coordinated a planning committee to revise and update our Vanderburgh County Emergency Plan for 2021.

EFD purchases for the hazmat team in 2020 included



•	Ground Resistance Tester	\$1,530
♦	Chemical Classification Equipment & PPE	\$2,520
•	Chlorine Kits upgrades	\$2,189
•	Detection Equipment Maintenance	\$4,600



DIVE TEAM

The team consists of 25 firefighters who are trained as Public Safety and Dive Rescue Specialist divers. The divers respond from fire stations within Evansville, but the cadre of equipment is at Station #3, and thus all firefighters from Station #3 support the team as dive tenders, boat operators, or equipment maintenance. The dive team utilizes Intespiro Divator & OTS Stealth full face dive mask with underwater communications, and DUI dry suits that enable divers to enter contaminated or cold waters. DUI TLS350 Public Safety dry suits have been added to the PPE inventory to diversify our dry suit capability, and the flexibility of their ZipSeal technology to better fit more divers around their necks & wrists. Should water rescue operations require the need of a boat, EFD is fortunate to have two capable boats, of which one was newly purchased in 2018. Our primary boat is a 22' Scorpion aluminum hull, V8 jet-drive boat that is also capable of providing 2,500 gallons of water per minute for firefighting operations, and a Humminbird side scan sonar allowing us to scan the bottom of the Ohio River for submerged objects. The new Rescue One boat is 16.5' powered by a 60HP Mercury outboard motor with driver's console, emergency & scene lighting, and a Helix Side/Down Scanner. EFD's new boat will be our primary boat for Pigeon Creek or similar waters, and assist our 22' Scorpion on the Ohio River. In 2019, we replaced our Zodiac inflatable with a Zodiac ERB 380 inflatable with a 20 HP Mercury outboard motor. The Zodiac will be utilized for lake responses, and to support our two Ohio River boats.

Captain Jon Grubb serves the dive team as its Instructor, and Captains Brandon Barnard, Keith Bowden, and Dan Brown serve as team leaders to coordinate training. A task made difficult due to COVID restrictions.

EFD purchases for the dive team in 2020 included

- ♦ Guardian Full Face Dive Mask with Communications. \$1,050
- Dive Equipment Service Agreement \$1,289
- ♦ 165 foot Communications Rope with pigtail \$790
- ♦ Roll Control Brackets for dive trailer \$200







District Chief Ewald Diving on LST 325



PEER SUPPORT TEAM

In November of 2016, The Evansville Fire Department experienced a critical incident when a firefighter became unresponsive during a training exercise. Thankfully, his crew members and trainers on scene were able to resuscitate him. But this left a deep mark on those involved. This incident became the catalyst to develop a Peer Support Team.

The 10 member team spent almost a full year preparing to roll-out to the entire department. This included several training sessions with local Peer Support teams and Behavioral Health Care Professionals. Once the program was developed and presentation complete, each EFD member was given an opportunity to attend the presentation in order to understand the need for such a team along with where we may be seen, what to expect from the team, and how to contact us.

The Peer Support Team logged another busy year in 2020 serving the Fire Department and First Responders in our community. The global pandemic did not slow things down for our team nor did it stop us from responding when needed. It is very possible the pandemic was related to some of our contacts with fellow Fire Fighters and First Responders as CoVid fatigue began to set in.

Once again, the number of contacts with our department members reinforced the need for our team. It also shows that Fire Fighters and local First Responders are reaching out when they are in need of our assistance.

Unfortunately, our department suffered another active duty casualty this year. The team responded and engaged with department members and reassured them the Peer Support Team was available for any assistance that might be needed following the loss of a brother Fire Fighter.

For 2021, The Peer Support Team is looking to be proactive and inform the department members on how to develop resiliency and to pursue healthy coping mechanisms in times of stress.



MISSION STATEMENT

We are dedicated professional firefighters volunteering to serve our peers during a time of crisis.

We will accomplish our mission by: Listening with compassion and confidentiality, providing positive support along with referral to resources that offer proper and consistent care when needed, while also providing resiliency training to aid in recovering from crises.

A DAY IN THE LIFE

On the Evansville Fire Department firefighters are on duty 24-hours a day, 7-days per week, 365-days per year. There are three different duty platoons. As a firefighter you are assigned to one of the three duty platoons. A day in the life of a firefighter on the Evansville Fire Department starts early in the morning. The tour of duty starts at 7:00 am. But in order to be ready to respond to an emergency at 7:00 am you must arrive a few minutes early. Usually around 6:45 am or earlier. Each tour of duty is 24 hours. Each work period (work week) is three non-consecutive workdays followed by 4 days off. That time off allows you to recover from the demands of the world's most satisfying and trusted profession. At any time during the 24 hour tour of duty (shift) you may me called to an emergency, so you must be ready to drop everything at a moment's notice and respond to an



emergency call! There are 4 firefighters assigned to each truck. You are a firefighter and report for duty to the Company Officer. He or she is in charge of the fire apparatus that day.

6:45 am. Daily Checks. You start the day by readying your personal protective equipment, (turnout gear) to be ready for a call that could occur at any moment. Next you will check the fire apparatus (truck) for all equipment in place and ready for action. That includes fire suppression hose, nozzles, forcible entry tools, and medical response equipment. Batteries need to be fully charged, tools must be clean and in good repair and Self Contained Breathing Apparatus (air packs) must be fully pressurized and operate properly.

7:00 am. Administration. The Company Officer who is in charge of the fire apparatus will log the inventory and note any special maintenance requests of equipment concerns.

7:30 am. Breakfast time. After breakfast it is time to clean up after yourself. Your Mom doesn't work here! If you want to eat you need to either bring food in or be ready to chip in on the cost of a meal as a group.

9:00 am - 11:00 am. Exercise/Training. Firefighting is one of the world's most physically demanding professions. In order to do the job well each firefighter must maintain a state of physical fitness. At some point throughout the day time will be made to exercise both for strength and endurance. Updates on the latest medical treatment protocol, testing out a new style of fire attack nozzle or learning how to use new technology may be the focus for this particular tour of duty. Learning street locations, operating fire apparatus, and studying building construction. There is no limit to the number of subjects that we may study. Firefighting is more than just "putting the wet stuff on the red stuff!"

12:00 pm. Lunch. Firefighters are known to have good meals and share them together. At some point during each tour of duty there is time to take a break. Usually during afternoon hours it is a prime time to nap. Most fire calls come during overnight hours. Sleep deprivation is a huge factor in quality of life for the firefighter (you). To be sure you are able to think clearly and perform effectively you need to be sure and rest if you need it when you can.

5:00 pm. Supper. The firefighting family that eats together grows closer together. This bond is unlike any other work environment with the exception of the military.

7:00 pm. Down Time. Typically this time of day is down time. Most firefighters spend time watching television, playing cards, reading books, etc. Overnight you may be called to respond to emergency runs, but you are trained, healthy and equipped to perform to your best ability!





2020 has been an interesting year for the Health and Safety Division of the Evansville Fire Department. The CoVid pandemic has had significant effects on our Department and members.

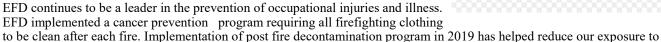
Our Department has been proactive in controlling the spread of the CoVid-19 virus using the directives issued by the State of Indiana's Department of Health (IDHS), U.S. Centers for Disease (CDC), and the City of Evansville by the implementation of mask protocols and social distancing procedures. The EFD continues to monitor all our members to ensure proper testing and health issues during the 2020 pandemic.

The Health and Safety Division manages the overall health and safety of the men and women of the Evansville Fire Department. The Department uses a multi-faceted approach to ensure the fitness and health of our members. Physicals are conducted annually and comply with **NFPA 1582 Standard on**

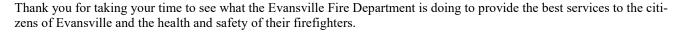
Fire Department Comprehensive Occupational Medical Program for Fire Departments. In addition to the physicals, the Department has collaborated with Public Safety Medical to provide all members a comprehensive health-screening program (including cancer, cardiac, respiratory, etc.).

The implementation of the Work Performance Evaluation (WPE) program has helped our members to work in a safer manner while operating at incident scenes. Our program is design to assist members by reducing the risk of injuries/illnesses and returning them to duty in a timely manner. Our Department implemented the IAFF/IAFC Wellness/Fitness Initiative and currently has 12 certified Peer Fitness Trainers (PFTs). This group provides intergrated instruction, evaluation, and individual program design ensuring a robust physical fitness program for our members.

Our Department provides a behavioral health program for our members and families to ensure quality mental health care. Our Peer Support Team assist our members during times of crisis, whether professionally or personally. To ensure our program remains on the cutting edge of available service we have partner with local and national authorities to ensure we remain current on the latest programs available for our members.



hazardous contaminates by up to 90%; the Department continues to explore new technology in reducing these exposure to our members. The men and women of the Evansville Fire Department deserve the very best protection when it comes to occupational illness and injuries.









The Evansville Fire Department Fire Marshal's Office consists of 2 divisions: Inspection and Investigations. The Inspections Division consists of 8 Deputy Fire Marshals. The Fire Investigation Division consists of 3 investigators. Both of theses' divisions are under the leadership of the Chief Fire Marshal for the City of Evansville.

Serving others through Fire Prevention and Investigation services is the mission of the Fire Marshal's Office. This is accomplished through the 3 E's of Fire Prevention, Education Enforcement, and Engineering.

The mission of the Fire Investigation Division of the Fire Marshal's Office is to find the cause and origin of fires so that it benefits all, with the development of fire codes, educational programs and engineering solutions to prevent the future loss of life, and property from fires.

The Evansville Fire Departments' mission was challenged by operating in a pandemic outbreak of COVID-19. This had a tremendous impact on the service this office provides to the citizens of Evansville.

Like the rest of the world, we continue to face this challenge by finding new ways to continue to serve in this new normal. An example of this was working with the Mayor's Office in the Evansville business relief program. This program will help local restaurants maximize their permitted operations in compliance with the Governor's Roadmap to Reopen Indiana (Executive Order 20-26) and other Executive Orders still in force.

Education

The Fire Prevention Division of the Fire Marshal's Office has the privilege of conducting fire safety, community risk reduction, and fire extinguisher classes to the citizens of the community. This is a great opportunity to spread the mission of the division by educating the public on the proactive measures that they can take to prevent the loss of life and property loss from the devastation of fire.

The public can request fire safety classes by going to the department's website located at www.evansvillegov.org. In 2020 the Division suspended all public education and fire safety to COVID- 19 concerns.

Enforcement

The Evansville Fire Department is responsible for protecting and inspecting commercial (Class 1) properties with an assessed value of over \$ 2,198,324,800.00.in the city limits.

The Inspection Division conducted over 1,197 commercial inspections of properties within the City of Evansville. These inspections identified 1321 fire code violations which required 558 Fire inspection follow ups within the 2020 fiscal year. Other enforcement activities this office conducted are as follows: 75-Fire Pre-Plans inspections, 156 -interagency inspections with the Evansville/ Vanderburgh County Building Commission & Indiana State Fire Marshal's Office, 721-Knox Key Box checks, 0-Company Tours, and 125-Fire Alarm/Sprinkler Checks.

The Fire Marshal's Office received a total of 16 citizen's complaints in reference to fire hazards in places of occupancies, most common complaint is in places of assembly and was blocked exits.



INSPECTION/INVESTIGATION

In an effort to better serve you and help to prevent fire hazards in commercial occupancies, the Fire Marshal's Office has provided a list of the 10 Most Common International Fire Code (IFC 2012) Violations. This can assist you in eliminating potential fire hazards in your business and staying in compliance with the fire code.

The most common fire code violations are as follows:

- Obstructions in front of electrical panels. (Violation of IFC 315.3.3 Equipment rooms. Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms.)
- Use by occupant of extension cords/multi-plug adaptors. (Violation of IFC 605.5 Extension cords/multi-plug adaptors. Extension cords and flexible cords shall not be a substitute for permanent wiring. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances.)
- ♦ Exit signs /emergency exit Lighting. (Violation of IFC 1011.1 Where required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit or the path of egress travel is not immediately visible to the occupants. Exit sign placement shall be such that no point in a corridor is more than 100 feet (30 480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. Violation of IFC 1011.3 Illumination. Exit signs shall be internally or externally illuminated.)
- Open electrical junction boxes. (Violation of **IFC 605.6 Unapproved conditions.** Open junction boxes and open-wiring splices shall be prohibited. *Approved* covers shall be provided for all switch and electrical outlet boxes.)
- ◆ Address premise information. (Violation of EMC 96.55 & IFC 505.1 **Address Identification.** New and existing building shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible from the street or road fronting the property. Violation of **City of Evansville Ordinance 96.55** Numbers Required. All persons owning, occupying or serving as agents for any owner or shall have the street address numbers place on the building so public safety officials can see address number from the roadway.)
- Combustibles in mechanical rooms. (Violation of **315.3.3 Equipment rooms**. Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms.)
- Open knockouts found in electrical panel circuit breaker boxes. (Violation of IFC 605.6 **Unapproved conditions**. Open junction boxes and open wiring splices shall be prohibited. Approved covers shall be provided for all switch and electrical outlet boxes.)
- Obstructions found in front of exits. (Violation of **315.3.2 Means of egress.** Combustible materials shall not be stored in exits or exit enclosures for stairways and ramps.)
- Obstructions in front of standpipe and sprinkler risers. (Violation of IFC **509.2 Equipment access.**Approved access shall be provided and maintained for all fire protection equipment to permit immediate safe operation and maintenance of such equipment. Storage, trash and other materials or objects shall not be placed or kept in such a manner that would prevent such equipment from being readily accessible.)



INSPECTION/INVESTIGATION

♦ No supporting on site documentation of inspection records on site. (Violation of IFC 901.6.2 Onsite Records documentation of all system inspections, test and maintenance required by fire code.)

Engineering

The engineering arena of fire prevention refers to the engineered solutions that can prevent incidents from occurring or mitigating the damage once they do occur. Fire sprinklers, smoke alarms, fire alarm systems and technologies to prevent the spread of fires are all examples of engineering solutions.

With this in context the Fire Marshal's Office has 2 fire inspectors assigned as plans review officers. A plans review officer is responsible for seeing that construction plans submitted by the design professional meet the requirements of the Fire Code for the type of occupancy that is being constructed.

In 2020 the Division reviewed over 212 plans for new construction and structures undergoing renovation. Some of the most notable projects that are occurring in the downtown area comprised of a new hotel and Multi use apartment and retail space.

This division also conducts follow-ups on fire protection system activations such as: automatic sprinkler systems, fire alarm systems, and smoke and heat detection systems. The purpose of fire protection system follow-up inspections are to determine if the designed system responded appropriately to the situation causing the activation. The Fire Marshal's Office conducted over 65 follow-ups on alarms and systems in 2020. Out of all of these system activations only 3 responded to an actual fire event with the alerting, detection, extinguishment and confinement of fire.

Fire Marshal's Office, Investigation Division

The Fire Marshal's Office Investigation Division conducted 271 fire investigations in 2020. Looking at causes of fire within the City, allows the department to conduct a risk assessment as to where fires are occurring and the leading causes of fire. In 2018 the Fire Marshal's Office Investigation Division established an Arson Tip Line. In 2020 this has continued to be a very beneficial tool in the fight against arson crime in the City of Evansville.

Some of the most common fire causes in 2020 are as follows:

- ♦ Candle Use
- ♦ Fireworks Use
- ♦ Cigarette/Smoking material
- ♦ Accidental/Other
- ♦ Electrical
- ♦ Stove top/ Cooking
- Undetermined /Other
- Incendiary/ Open flame





INSPECTION/INVESTIGATION

2020 FIRE, FATALITY, INJURY AND PROPERTY LOSS							
TOTAL DECIDENTIAL FIRE	#	DEATHC	INHUDIEC	DDODEDTY LOSS	DD ODERTY CAVED	INCRECTIONS	
TOTAL RESIDENTIAL FIRES	FIRES	DEATHS	INJURIES	PROPERTY LOSS	PROPERTY SAVED	INSPECTIONS	
PRIVATE DWELLINGS	118	0	4	\$2,001,100.00	\$8,514,100.00	N/A	
APARTMENTS	65	0	3	\$724,400.00	\$44,925,250.00	43	
HOTELS	1	0	0	\$300.00	\$0.00	14	
ALL OTHERS	2	0	0	\$2,000.00	\$ 40,000.00	0	
TOTAL	186	0	7	\$2,727,800.00	\$53,479,350.00	57	
PUBLIC ASSEMBLY	5	0	0	\$60,000.00	\$400,000.00	159	
SCHOOLS AND COLLEGES	3	0	0	\$30,500.00	0.00	50	
HEALTH CARE	2	0	0	\$0.00	0.00	12	
STORES AND OFFICES	8	0	1	\$187,500.00	\$11,770,000.00	685	
INDUSTRY	5	0	0	\$ 1,253,500.00	\$ 16,945,000.00	61	
STORAGE	26	0	1	\$544,800.00	\$709,700.00	94	
OTHER STRUCTURES	4	0	0	\$7,210.00	\$ 249,000.00	136	
TOTAL	242	0	9	\$4,811,310.00	\$ 83,553,050.00	1,197	
FIRE IN HIGHWAY VEHICLES	84	1	0	\$547,651.00	\$ 49,600.00	N/A	
FIRES IN OTHER VEHICLES	6	0	0	\$704,550.00	\$61,000.00	N/A	
NON- STRUCTURE/NON- VEHICLE	12	0	0	\$34,475.00	\$0.00	N/A	
FIRES IN BRUSH, GRASS, WILDLAND	71	0	0	\$0.00	\$2,800.00	N/A	
ALL OTHER FIRES	186	0	0	\$0.00	\$537,000.00	N/A	
TOTAL FOR FIRES	601	1	9	\$6,097,986.00	\$84,203,450.00	N/A	
STRUCTURES FIRE INTENTIONALLY SET	19	0	0	\$218,700.00	\$ 39,500.00	N/A	
VEHICLES FIRES INTENTIONALLY SET	19	0	0	\$103,100.00	\$0.00	N/A	
TOTAL INTENTIONALLY SET FIRES	38	0	0	\$321,800.00	\$ 39,500.00	N/A	
TOTAL FOR ALL FIRES	639	1	9	\$6,419,786.00	\$84,203,450.00	N/A	



2020 FIRES ON-DUTY FIREFIGHTER INJURIES BY TYPE								
	RESPONDING TO							
	OR RETURNING FROM	AT THE FIRE	At Non Fire		OTHER ON			
	INCIDENTS	GROUND	Emergencies	TRAINING	DUTY			
BURNS	0	0	0	0	0			
SMOKE OR GAS INHALATION	0	0	0	0	0			
OTHER RESPIRATORY DISTRESS	0	0	0	0	0			
BURNS AN DSMOKE INHALATION	0	0	0	0	0			
WOUND, CUT, BLEEDING, BRUISE	0		0	0	0			
DISLOCATION, FRACTURE	0	0	0	0	0			
HEART ATTACK OR STROKE	0	0	0	0	0			
STRAIN, SPRAIN, MUSCULAR PAIN	0	1	0	0	0			
THERMAL STRESS	0		0	0	0			
OTHER	0		0	0	0			
TOTAL	0	1	0	0	0			



Left:

Fire at 11 West Tennessee

Right:

Fire at 714 East Iowa



In 2020 a structure fire occurred within the City of Evansville every 1.5 days for a total of 242 occurrences for the entire year. These fires displaced a total of 143 citizens. Every 2.5 days someone was displaced by fire in 2020. The City sadly experienced 1 fatality and a total of 9 civilian injuries from fire in 2020. Residential fires accounted for the most injuries with a total of 7 in 2020.

A significant performance measurement of fire loss can be found in the total value of property saved. In 2020 the Evansville Fire Department saved a total \$84,203,405.00 property value from fire. The total fire loss for the City of Evansville for both Residential and Commercial properties was a total of \$6,419,786.00 in property value.

The challenge is to reduce the risk of fire to the community through the "3 E's" of fire prevention: education, enforcement and engineering.

INS

INSPECTION / INVESTIGATIONS

FIRE MARSHAL'S OFFICE DATA ANALYSIS ON CAD & APPARATUS RESPONSE PER CALL

	CAD	CAD	CAD	CAD	CAD	CAD
	Monthly	Daily Avg	Hourly	Monthly	Daily	Hourly
	Calls	Calls	Calls	Number of	Average	Average
	for	for	for	Apparatus	Apparatus	Apparatus
	Service	Service	Service	Responses	Responses	Responses
JANUARY	844	27.23	1.13	1370	44.19	1.84
FEBRUARY	756	26.07	1.02	1152	39.72	1.71
MARCH	779	25.13	1.05	1314	42.39	1.77
APRIL	635	20.48	.85	1165	38.83	1.62
MAY	700	22.58	.94	1247	40.23	1.68
JUNE	837	27.00	1.13	1426	47.53	1.98
JULY	849	27.39	1.14	1414	45.61	1.90
AUGUST	848	27.35	1.14	1445	46.61	1.94
SEPTEMBER	812	26.19	1.09	1268	42.27	1.76
OCTOBER	854	27.55	1.15	1526	49.23	2.05
NOVEMBER	757	24.42	1.02	1255	41.83	1.74
DECEMBER	717	23.13	.96	1447	46.68	1.94
TOTAL	9388	25.38	1.05	16029	43.76	1.83

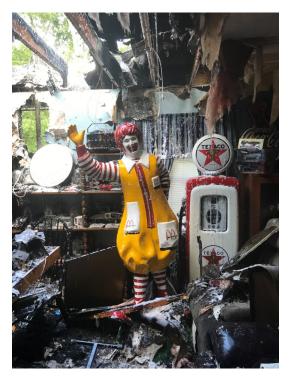


Above:

Fire at 908 N 4th

Right:

Fire at 4325 Chadwick



FLEET MAINTENANCE DIVISION

2020 SUBMITTED REQUESTS FOR MAINTENANCE

(744) Truck Maintenance Request

(160) Car Maintenance Request

(137) Small Equipment Request

(24) Truck Service's

(18) Truck Pump Test

(7) Aerial Inspection cleaned & lubed

(18) Hose Test

Lead Mechanic

Greg Lantaff

Mechanics

Chris Cox

Jamie Nellis

Andy Hoffman





Fire Hose sections replaced

3 5" X 100' hose

2 5" X 50' hose

1 5" X 25' hose

14 2 ½ "hose

6 1 ³/₄ "hose



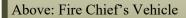
FLEET MAINTENANCE DIVISION

Apparatus/Vehicles/Equipment placed in service in 2020

- ♦ 2 Dodge Durango (Administration)
- ♦ 3 Ram Pickup (Command vehicles)
- ♦ 1 Ram Pro Master City Van (Fire Prevention)
- ♦ 3 Nissan Sentra (Fire Marshals)
- 85 New Scott SCBA's & 170 Air Cylinders







Left: Command Vehicle

Bottom Left: Fire Prevention Education

Vehicle

Bottom right: Fire Marshal Vehicle

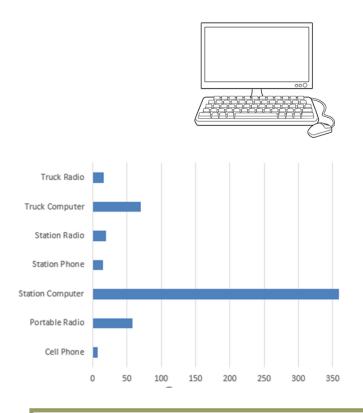




COMMUNICATIONS DIVISION

Requests for computer & radio support are a part of the Communication Divisions day-to-day operations.

In 2020, there were 545 requests





Truck Radio	16
Truck Computer	70
Station Radio	20
Station Phone	15
Station Computer	359
Portable Radio	58
Cell Phone	7

The fire department received new pickup trucks in 2020 that required new radios and computer equipment in each truck. Chief Officers communicate with Central Dispatch who gives them important and necessary information needed before arriving on scene of an emergency.

The Department also replaced the radios firefighters carry to communicate with each other at the scene of an emergency. Due to the dangerous environment, firefighters and their radios are exposed, the radios must be rugged and safe to use. All radios must be safe without creating sparks that could result in explosions when used in and around flammable chemicals.



FACILITIES MAINTENANCE

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The Evansville Fire Department relies on local vendors for maintenance repair service, parts, and supplies. The Department remains committed to the use of WMBE and other local vendors.

The Facilities Management Division, with the assistance of City Maintenance and local vendors, works to maintain our 14 fire stations, the administration building and the training facilities. Throughout 2020, the department provided routine maintenance to these structures. Suppression personnel take care of general daily cleanings of their station building and perform a more comprehensive fall and spring-cleaning. Further, they are accountable for routine grounds maintenance, including; mowing, weeding, and leaf/debris removal. The Facilities Management Division assures that the administration building is properly landscaped and maintained in order to present a professional building facade.

The Evansville Fire Department does not employ its own maintenance personnel, relying instead upon the City Maintenance Department for routine repairs and maintenance. City maintenance assists with monthly air filter replacements, HVAC repairs and maintenance, lighting, electrical and appliance repairs and plumbing. In 2020, 422 requests for maintenance were—submitted. When considering whether to repair or replace a compromised piece of equipment, we consider its age and its—utility. Among the priorities for 2020, the Facilities Maintenance Division oversaw structural repairs to station 5, including a new rear driveway, new gutters, downspouts and paint at station 3, a new furnace for station 1, new HVAC for station 4,—several new beds for fire stations, new station furniture and new HVAC for the shift operations building. Looking to 2021, projects such as these will continue to require our attention.

The Facilities Maintenance Division also maintains all department owned fitness equipment. The safe operation of this equipment requires routine upkeep. Further, all fire extinguishers in the fire stations and administration/training facilities are assessed for repair or replacement through the Facilities Maintenance Division.

Due to the specialization of these types of repairs, we rely upon the expertise of outside vendors with whom we share a contractual agreement. These suppliers are responsible for checking these pieces of equipment with regularity to ensure they are in safe working order. These vendors provide repair services, parts replacement and necessary supplies. The Evansville Fire Department is committed to contracting with the local WMBE whenever possible. We also enjoy business relationships with Pro-Tex-All, KRS, Associates, Alstadt Office City, Niclols Electric, Kor-X-All, American Sanitary, Tri-State Lighting, Graybar, Evansville Garage Doors, Tri-State Fire Protection, Nunning Heating, Alpha, JE Shekel, EL Walters and Schmitt Refrigeration.



The Facilities Maintenance Division looks forward to supplying the service and repair needs necessary for the safe, effective and efficient performance of the Evansville Fire Department.



EFD PIPE & DRUM

EVANSVILLE FIREFIGHTERS PIPE & DRUM

Pipers

Greg Lehman, Evansville Fire Chad Buttry, Evansville Fire Adam Bigge, Evansville Fire Ryan Wininger, Evansville Fire John Pace, Henderson Fire Billy Schwartz, Henderson Fire Keith Jeffers, Instructor

Drummers

Jim Morrow, Evansville Fire Kenny Woolsey, Evansville Fire Zerrick Wells, Scott Township Fire



The Evansville Firefighter's Pipe and Drum Corps was founded in 2006 as a way to honor our fallen firefighters.

We are a self-funded 501-C3 organization. We raise money through donations and fundraisers. The money we receive goes towards equipment, instruments and education.

In addition to our support of the fire, police, and veteran community, we also support other causes. We have played funerals for civilians and many other events for the general public. We have given many presentations at schools, clubs and organizations. We have raised money for other worthwhile causes as well.

Our goal this year is to get some of our new members trained. We plan to send them to Grandfather Mountain, a weeklong piping and drumming school in North Carolina.

The Pipe & Drum Corp Mission Statement
We will honor the Original American Firefighter, those who have gone
before us and those who have paid the ultimate price. We will instill in
current and future ranks a new sense of pride and tradition. We will do
this by playing at the funerals and events of active and retired firefighters,
police officers and veterans.

Above L to R: Keith Jeffers, Kenney Woolsey, Adam Bigge, Billy Schwartz, Ryan Wininger, Greg Lehman, Chad Buttry and Jim Morrow.

Below: Adam Bigge plays the pipes at a funeral.



EFD HONOR GUARD



August 1995, marked the launch of The Evansville Firefighters Professional Union Local 357 Honor Guard. After expressing the necessity of support to the families of deceased firefighters, Battalion Chief Larry Chapman, Captain Tom Shadrick and Firefighter Mark Dietsch, took it upon themselves to attend as many firefighter's funerals as time would permit. Soon, as word spread, several firefighters throughout the department joined, which became Honor Guards inaugural start up. Since the Honor Guard inception, they have volunteered for every firefighter's funeral, active or retired. In 1999 the guard was the first and only Honor Guard to be presented a Meritorious Award from State of Indiana.

The Honor Guard, to date has participated in more than 230 details. We also send members to Emmitsburg, MD for the National Fallen Firefighter Memorial Service and place names of our fallen line of duty deaths on the Memorial, along with participating in the Indiana State Firefighter Memorial at the Capital Building.

The Honor Guard is solely comprised of volunteers of the Professional Firefighters Union Local 357 and funded by donations and local fundraising. Monies collected are used to purchase grave markers, which are inscribed with "Time Served Is Not In Vain" and presented to the family in representation of the firefighter's service to the community.



ADMINISTRATIVE DIVISION

Chief Administration Officer

Civilians account for their work hours to the Chief Administration Officer. Calendar scheduling of events falls under this job description due to the fact that it is an administrative position and is integrally involved in many aspects of department operation. Some duties are delegated directly from the Fire Chief.

The Chief Administrative Officer coordinates Fire Merit (promotional testing /discipline), Civilian staff and Public Information. The Division encompasses various aspects of the Evansville Fire Department. The Chief Administrative Officer coordinates all of the disciplines to work harmoniously together in order to enable positive outcomes.

Part of the Administrative Officer's responsibility is to be the intermediary between the Fire Merit Commission and the Evansville Fire Department. The Fire Merit Commission has five members who oversee Promotional Testing, Disciplinary Issues, and Applicant Testing for the Evansville Fire Department. There are scheduled Merit Commission Meetings each month, and several Special Meetings throughout the year. Although, in 2020, the April & May meetings were canceled due to COVID. The Department logs many hours of Applicant Testing, including written, oral interviews, and physical ability tests, to complete the Applicant Process. 2021 will be an Applicant Testing year.

Public Information Officer

All scheduling of events falls under the Public Information Officer (PIO) job description because it is an administrative position and is integrally involved in many aspects of department operations. Some of these areas include scheduling fire station tours, truck request and safety education. The Chief Administrative Officer coordinates media updates at large fires or other incidents where EFD responds. Although this year, due to the COVID pandemic, most all educational and community events were canceled. Typically some additional duties include seasonal safety messages and reminders regarding fire safety during extreme weather conditions. Finally the PIO showcases the department and the asset it is to the community at events like "National Night Out" which was also canceled in 2020.

Fire Station Tours:

Due to Covid-19 pandemic, all station tours and interaction with the public was canceled.

Safety Education:

Schools, daycares, and neighborhood associations are always interested in educating their members. Our dedicated professionals provide safety insights specific to their facilities and age groups, and are happy to be involved in the greater community. In order to try to accommodate the average 40-70 educational events each year, and maintain our social distance with students, we made an educational video of a Station Tour to share with our schools. You may contact us to schedule safety education programs for your group or organization.







SERVICE AWARDS

CELEBRATING 1 YEAR

Frederick Tyler Pipes
Darrell David Dodson
Taylor Ryan Dennis
Jonathan Paul Kuester
Shawn David Crouch
Matthew Daniel Agan
Andrew Canaan Bowen
David Scott Allen Watkins
Chad Allen Merkley
Joshua David Long
Samuel Louis Abell
Zachary Kent Hermann

CELEBRATING 5 YEARS

Adam D. Smith
Jeffrey T. Watkins
Stephen M. Smith
Blake E. Hochstetler
Jacob A. Hildenbrand
Joseph A. West
Eric S. Baumberger
Justin William Thee Klueg

CELEBRATING 10 YEARS

Joshua D. Boardman Anthony L. Turi Andrew A. Gasser





CELEBRATING 15 YEARS

Curt W. Diedrich Benjamin T. Ward Rodney D. Frye Christopher J. McCutchan

CELEBRATING 20 YEARS

Daniel D. Brown
Robert L. Morse III
Chad E. Jordan
Jennifer M. Hunt
James S. Pfender
Laura R. Brown
Eric N. Eifert
John A. Hogg
John D. Chapman
Gary A. Barr
Marcus W. Woolsey
Kirk V. Kuhnel
Stephen A. Zenthoefer

CELEBRATING 30 YEARS

Kenneth C. Zuber Douglas E. Tenison Mic E. Bradford John R. Boutcher Richard M. Scheller

CELEBRATING 40 YEARS

Ronald C. Campbell



PROMOTED TO CAPTAIN

Ben Ward Gary L. Barr Anthony Turi David Riley James Cohen II

PROMOTED TO LIEUTENANT

Gatlin Nofsinger
Brian Richardt
Patrick Moore
John Alexander
Gregg Siebenkittel
Ryan Wininger
Adam Stocker
Joseph West
Mathew Mastison
Michael Kleeman
Adison Crawford
Matthew Witherspoon

PROMOTED TO INSPECTOR

Larry Wildt

PROMOTED TO INSTRUCTOR

Daniel Brown



2020 NEW RECRUITS







SAMUEL BASSEMIER



DEREK COX



DALTON GRAY



COREY HAURY



DANIEL ICE



TYLER JEPSON



PAIGE JONES



LUCAS MORROW



ANDREW NALIN



RYAN OTZMANN



JESSE RIDDLE



ADAM ULRICH



JACOB ZOCH

RETIREES / RESIGNATIONS / DEATHS



CAPTAIN

Captain Emmett Tramill 35.5 Years

Captain Chris LeDuc 23 Years

LIEUTENANT

Lieutenant Jeff Austin 40 Years

Lieutenant Douglas Wilcox, Sr. 32 Years

PRIVATE

Pvt. Laura Brown 20 Years

PRIVATE Continued

Pvt. Willie Ellis, Sr. 31.5 Years

Pvt. Danny Gatewood 31 Years

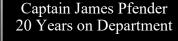
Pvt. Edward Haury 24.5 Years

Pvt. Jeff Hoffman 26 Years

Pvt. Don Lieberknecht 26.5 Years

Pvt. James Price 31.5 Years

DEATHS









COMMONLY ASKED QUESTIONS

How do I get a fire report?

You may request a fire report in person at the Fire Department Administration Building located at 550 SE Eighth Street in Evansville, Indiana or contact the EFD Administration Building at (812) 435-6235. There is a nominal fee for a Fire report.

How do I report a fire code violation?

You may report a fire code violation by contacting the Chief Fire Marshal at EFD Administration building by calling (812) 435-6235 or on the City's website under Citizens complaint Fire Hazards/Fire Code violations.

How do I schedule a Fire Station tour?

You may submit a request for a tour by completing the request on the Evansville Fire Department's webpage located on the City's website at www.evansvillegov.org.

How do I request a Fire Safety Class?

You may request a Fire Safety Class by completing the request form located on the Evansville Fire Department's webpage located on the City's website at www.evansvillegov.org.

Why are there names on the fire trucks?

All new apparatus are dedicated in honor of a fallen firefighter.

How do I register my daycare with the Fire Department.?

To register your daycare, please call the EFD Receptionist at (812) 435-6235.

Do you have to have a permit to have a recreational fire?

You must have approval from the City of Evansville Fire Department (EFD). If the fire department responds to a reported fire and you do not have the proper permit on file, you may be fined. You may apply for a fire permit by completing a Fire Permit Application at the Evansville Fire Department, 550 SE Eighth Street, Evansville, IN or by calling the Evansville Fire Department Administration at (812) 435-6235, Monday through Friday between 7 a.m. and 4 p.m. daily.

What should I do if my Carbon Monoxide detector activates?

If your alarm goes off, it is recommended that you exit the home and call 911. Carbon Monoxide is a color less and odorless gas created by incomplete combustion of carbon-based fuels. This is commonly called the silent killer because it is not noticeable by smell or sight. A Dangerous gas that connects to blood cells at a rate of 200 times faster than oxygen. It is recommended that all homes have a working carbon monoxide detector.

Are you on Facebook or can you be followed on Twitter?

Yes, you may find us on Facebook/Evansville Fire Department and Twitter @EvansvilleFD



BE SURE TO CHANGE THE BATTERY IN YOUR SMOKE DETECTOR!

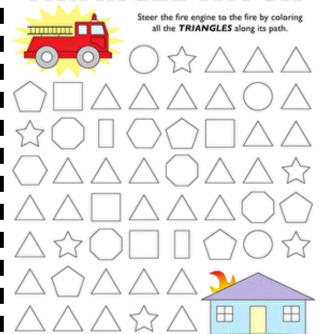
KIDS CORNER

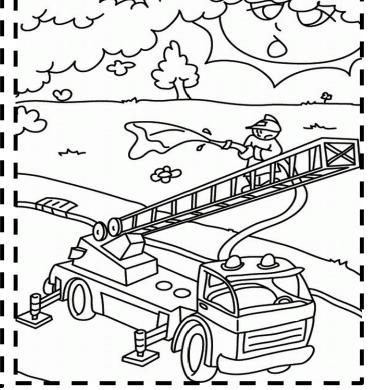


STOP FIRES
Firefighters stop fires and save people from them. Help the firefighters stop the fires and find their way back to the firehouse.

PRACTICE SAFETY!

TRIANGLE TRUCK







EVANSVILLE FIRE DEPARTMENT

We are dedicated to preserving life, property, and the environment, utilizing effective principles and practices of modern fire science technology, technical rescue, emergency medical service and preventing fires through fire safety education, code enforcement, preplanning and fire investigation.



Cathleen Tamez, Editor/Publisher

2020 EXECUTIVE SUMMARY



- Author Unknown

When I am called to duty, God, wherever flames may rage, give me strength to save a life, whatever be its age.

Help me embrace a little child before it is too late, or save an older person from the horror of that fate.

Enable me to be alert, and hear the weakest shout, quickly and efficiently to put the fire out.

I want to fill my calling, to give the best in me, to guard my friend and neighbor, and protect his property.

And if according to Your will I must answer death's call, bless with your protecting hand, my family one and all.

