2019 Annual Report

Elburn & Countryside
Fire Protection District
2019 Annual Report

Special points of interest:

- Operations
- Yearly Incident Report
- Local 4749
- Division Reports
- Service Awards
- Closing Remarks

Letter From Chief Joe Cluchey



Greetings, on behalf of our members, officers, administration, and board of trustees I am proud to present this Annual Report for 2019.

Contained within this report are highlights on initiatives, actions, and accomplishments undertaken by our trustees, commissioners, administration, officers, and members to help ensure that our organization is prepared to meet the needs of our community. We work tirelessly to meet these needs through planning, preparation, prevention, training, and response while striving to remain fiscally responsible.

As you read through this report you will find many noteworthy activities and accomplishments, and we are very proud of these. What I am most proud of however, is how TOGETHER our members, administration, staff, commissioners, and trustees work collaboratively to serve the residents and visitors of our community.

Some of the major accomplishments in 2019 include:

The approval and implementation of fiscal management policies to assist with our long-term financial planning and health. Such policies are essential to helping us meet our current and future needs.

The adoption and implementation of service delivery objectives. More information on how we improved the efficient use of personnel to revise our response model with "standardized" staffing can be found in Assistant Chief Hanson's report on Page 4 and Lt. Hall's report on page 19.

Significant improvement of our ISO Property Protection Class ratings in our "city" and "rural" areas can help keep home and business owners insurance rates down. During 2019, under the direction of Asst. Chief Hanson our ISO rating improved to the top 3.5% in the United States. You can read more about this on Page 4.

In the last two years Asst. Chief Hanson has overseen many other critical programs. As examples, we have planned, designed, implemented, and measured an entirely new response model. We have completely redesigned our response packages, defined our Initial Arriving Response Force (IARF), MABAS box cards, CAD run cards, and adopted a Service Delivery Objective; we use as a measurable standard. Along with this, we have implemented our IARF Fire

Ground Operational Manual, with objective based expectations for arriving companies at emergencies.

Our Fire Prevention Bureau helped coordinate public education presentations, tours, and special program presentations that were conducted by our members. Through these efforts we had 10,085 Community Risk Reduction contacts. This is in addition to the 500+ annual fire inspections; dozens of plan reviews; 1,000 hydrant flushes/inspections; and 1,100 visits by our Fire Marshal. Fire Marshal Schopp and her assistants have undertaken a proactive approach to preventing emergency incidents from occurring and reducing the impact for those that do occur. You can learn more about their specific activities in her report on Page 10.

During this past year we enhanced our response readiness through the work of several different committees and individuals. Committee members are from across all ranks, part-time / full-time status, and tenures. A few examples of how these committees have helped move us forward during 2019 include:

Taking delivery of a new Emergency One custom built fire engine. ***Our New Engine Committee*** members helped to create the specifications, evaluated the bids, accepted the lowest responsible bid, conducted meetings and inspections with the manufacturers and supplier to make sure we received a safe, reliable, and functional vehicle. After delivery, committee members outfitted the engine and provided training to our membership before placing this unit in service on December 16th, 2019 following a traditional "push-in" ceremony. Learn more about our other vehicle acquisitions and fleet maintenance program on Page 22.

Our standardization committee was not only instrumental in the developing and implementation of our Assigned Part-Time (APT) staffing program, they were also busy in nearly every aspect of readiness. Through their establishment / revisions to standards in training; vehicle & equipment checks; policies; and procedures this group of very driven individuals worked together as a team to help us "institutionalize" the expectations of our members. More information can be found on Page 19.

Our Fitness Committee helps provide our most valuable asset (our members) with the guidance and equipment to serve as "occupational athletes". More information on the Fitness Committee is on Page 18.

The Safety Committee has also been very active in protecting our members. During 2019 they arranged for a "Mock" OSHA safety inspection. Members have begun working on areas needing improvement, with plans of completing these improvements in 2020. You can read about more on this committees activities on Page 19.

Under the joint coordination of the Training committee; quartermaster; and Chief we prepared and equipped our members to respond to violent events. Our members participated in Rescue Task Force training for active shooter events and have been outfitted with ballistic protection to wear during potential hostile incidents. This is another example of how we are

transitioning to an "All Hazards" preparedness and response approach.

There have been so many more activities completed by our Divisions and groups (listed below), that we hope you will take the time to read the reports from each of these areas.

Car Seat Installation	**Page 12**
EMS	**Page 13**
Explorers	**Page 16**
Fire Investigations	**Page 15**
Foreign Fire Insurance Board	**Page 16**
Hazardous Material Team	**Page 16**
International Association of Firefighters Union Local 4749	**Page 9 and 21**
Public Education and Fire Prevention Bureau	**Page 10**
Self-Contained Breathing Apparatus	**Page 17**
Training	**Page 20**
Technical Rescue Team	**Page 14**
Quartermaster and Personal Protective Equipment	**Page 19**

Late in 2019, Mike Huneke was appointed by the Board of Trustees to be our newest Assistant Fire Chief (filling the vacancy of A/C Tate Haley who tendered his retirement resignation in December). Since assuming this role, Asst. Chief Huneke has been very busy in working on the planning and potential construction of a new Station 3 facility; he has helped lead the implementation of a new Program Manager initiative which is instrumental in giving leadership roles to our membership to address issues "at the lowest level" while enhancing accountability for projects and areas. Lastly he has spearheaded an initiative in updating our fire sign address marker program to validate the addresses, and provide essential marking and data to assist in timely responses. You can learn more about these and other activities under his leadership, by reviewing his report starting on Page 7.

We hope this report illustrates how the leadership and members of the Elburn and Countryside Fire Protection District focused on laying the groundwork for the future direction and strategic planning to continue our tradition of exceptional service. If you have any specific questions or concerns, please do not hesitate to contact me.



Letter From Assistant Chief Matt Hanson



- Operations
- Incident Reporting
- ISO Update

This past year not only did we keep our forward momentum, I believe we picked up speed and pushed forward with internal developmental trends, and a continued increased focus on building each other and taking care of our members. We have been able to institute operational changes to empower decision making with our Company Officers and Firefighters. Transparency in operational and procedural decision making and fostering communication continues to strengthen our foundation.

A strong working relationship with L4749 and hard work from our Standardization Committee allowed us to launch our pilot, Assigned Part-Time program (APT), this past year! This program continues to provide stability and consistency to daily shifts and emergency responses. We have been very happy with the results of the APT Program and will continue to sharpen and polish the program as we move forward.

The changes we implemented last year with our incident reporting, focusing on accurate and clean data has proven beneficial in allowing us to use our statistics to help drive decision making. Additionally, we had the opportunity to showcase all of our efforts in June, when we underwent a Fire Suppression Rating Schedule (FSRS) evaluation to determine if we could positively impact our Public Protection Classification rating (PPC). This all-inclusive evaluation is completed by the Insurance Services Office (ISO), collecting data on: needed fire flow, emergency communications, water supply; fire department staffing, training, deployment response analysis, equipment, operations, and community risk reduction. Our efforts were validated when our PPC improved to a Class 2 for all hydranted areas, and a Class 4 for most of our rural areas. This rating places our proud organization in the top 3.5% of fire suppression ratings in the Nation! Our classification improvement is a direct result of hard work by our members!



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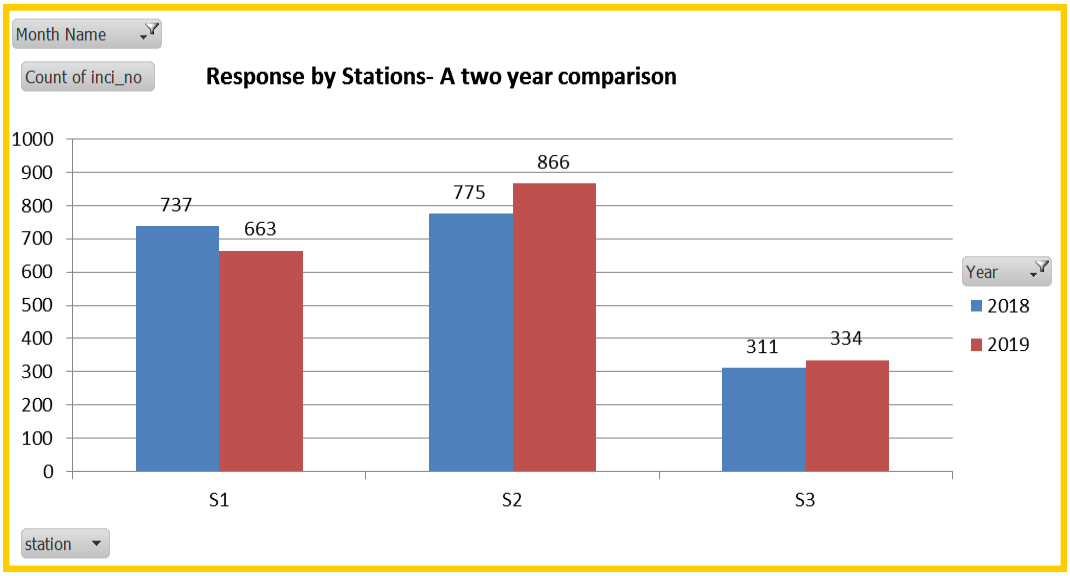
It is my pleasure to continue to represent the ECFPD as I serve on the Southern Fox Valley Paramedic Advisory Board, Kane County Fire Chiefs Board (Treasurer), and Tri-Com Central Dispatch Fire Operations Group, as well as the area Joint Operations Group (JOG).

This next year we will continue to invest in our members and build our team and each other. Empowering our members, and developing each other to be the best we can be, will continue to be our secret to success.

2019 Incident Response Report

2019			Station 1		Station 2		Station 3	
		Total		Total		Total		Total
Fire Incidents		74		36		24		14
Medical Incidents		1177		378		550		249
Service Incidents		612		249		292		71
Total Responses		1863		663		866		334

In the calendar year 2019, we completed 1863 emergency responses, broken out by the following charts by Station and District Zoning.



Zones	2018	2019
1.1 NORTH	329	328
3.1 CENTER	150	179
3.2 ELBURN	489	418
4.1 SOUTH	156	160
4.2 MICREK	407	482
5.1 Out	292	296
Grand Total	**1823**	1863



The Initial Arriving Response Force of the ECFPD measures itself against the adopted service delivery objective below. This is used as a "Target" response time for arriving units.

Service Delivery Objective: The ECFPD desires to have, an Initial Arriving Response Force, on scene in 6 minutes or less 80% of the time, to all areas of our district. The priority of the Initial Arriving Response Force will remain Life Safety, Incident Stabilization, Property Conservation and when needed, initiating ALS intervention.



The table below represents our end-of-year statistics, with each unit responding to their primary still district, as well as when our two Ambulances respond out of their primary district back to District one.

Unit	District	Responses	80th Percentile
Engine 301	District 1	473	05:37
Engine 302	District 2	529	07:12
Medic 352	District 2	500	06:45
Medic 352	District 1	142	08:16
Medic 353	District 3	266	06:09
Medic 353	District 1	248	07:02

Letter From Assistant Chief Mike Huneke



- Station 3
- Program Managers
- Fire Signs

Early in November I accepted the position of Acting Assistant Chief to help continue to move projects along for the district. I was excited to begin to help with the administrative team and help with the implementation of the long term projects for the district. In mid-December I was officially appointed and then sworn in as Assistant Chief, in Early January 2020. I am excited to accept this new position; I will do my best to continue to help make this an incredible organization, one that we are all proud to be a part of. We have a great team, we are an incredible organization, and together we will continue to make this organization great. I am excited to continue our succession planning and member development, from the newest recruits to the officer development program.

I have been tasked with the construction of our new Fire Station 3, with plans to have it up and operational by late fall of 2020. We have started the implementation of our program manager systems. This creates more of a linear operating system for all of the programs within our organization. This system is designed to allow our people to operate outside of the rank structure and allow the program managers the opportunity to run their programs and report to one staff liaison, who oversees several programs. We have also began to tackle our fire sign update project. We have implemented an application program from Tri-com that allows us to quantify the fire sign program, but additionally allows us to validate address that Tri-com has in the CAD system. So far we have already found roughly nine issues over the 10% of fire signs that have been checked. These could have resulted in delayed responses in fire or medical emergencies. This will also be transitioned into our fire hydrant program, this spring with the Fire Marshal as we will use the same application to track and GPS locate all of the hydrants in the district.



Assistant Chief Huneke, supported by his children and parents as he is Sworn in by Board President Reynolds

I am excited to continue to be a part of this incredible organization, in closing ill share my thoughts and lessons from my swearing in ceremony:

Challenge the status quo, RESPECTFULLY, that's the lesson, have sound ideas, that support the entire organization, are not self-serving but better everyone.



Don't be afraid to be selfish, don't ever give up on yourself, and don't ever sell yourself short of what you can accomplish. Don't ever let someone discourage you, If you want it, go get it.

Follow your goals and dreams, but don't ever forget while you're accomplishing those goals in this job, that they are to be in service to others, that we are here for those who need us at their worst moments in life. Selfishly train and prepare yourself, so that you can selflessly serve when called upon.

Always follow your heart; it almost never points you in the wrong direction. Never settle, don't ever accept less than what you deserve.

Don't be afraid to ask for help when you need it, don't ever be afraid to not know the answer, if you wait, it will probably be too late.

Whenever you get where you are going, don't forget to turn around and help those around, we have all been helped and assisted to get where we are. Always return the favor.



Last, No matter what, don't stop, never settle, whatever it takes. I use these words to drive me through the toughest parts of life. I use these words to remind myself of what my objectives are, and that I will succeed at achieving them. They are my objectives, what I care about and love most in life and I intend on accomplishing each and every one of them. I remind myself every single day to never quit, never settle and I must do whatever it takes to achieve them.

Local 4749: President Mike Didenko



In 2019 Elburn Professional Firefighters Association Local 4749 had a great year. The relationship has continued to grow stronger with the District along with the working relationship with the POC staff and Trustees.

In 2019 the badge number project has been a great success with the culmination being the badge numbers placed on the new badges for the department along with Duty uniforms. We look forward to extending the project even further in 2020.

Additionally, the district granted Local 4749 permission to place our Local Union stickers on all the front line rigs. It was a great opportunity to show not only the department but the public the unification of the department.

In 2019 Local 4749 continued its yearly community service project by being a platinum donator to the Campton Hills PD to help with the purchase of their K9 dog Koda along with the K-9 command vehicle. On several calls this year the department has had the opportunity to work alongside the K 9 unit.

The beginning of the year in April 2019 Local 4749 was proud to bring on Brother Bryon Ferguson who has become a valued asset not only to the Department but the Local. The end of the year we were all excited to be a part of historic changes for the Elburn & Countryside FPD. With that we congratulated Brother Lt. Huneke being promoted to Asst Chief. Additionally Brother Hall was promoted to the position of Lieutenant and we were able to add Brother Joe Miller to our local in a full time capacity.



Local 4749 founding member Lt. Mike Huneke promoted to Asst Chief, L4749 VP Trevor Hall promoted to Lieutenant, and former ECFPD POC Joe Miller, hired as full-time FF/PM. Supported by Chief Cluchey and AC Hanson.

Fire Prevention: Fire Marshal Lisa Schopp





Duty crews flushed over 1,000 hydrants throughout our district!



In 2019, there were 57 permits issued for new construction, remodels/alterations, fire alarm systems, hood systems and sprinkler systems. The total amount of revenue generated from those 57 permits was $10,448.16. In December of 2019, Resolution No. 2019-R-03Adopting Plan Review fees was approved by the Board of Trustees. This Resolution increased the cost of permit fees. Projects included: two more three-story apartment buildings were built in Mill Creek; Shodeen began construction of row homes next to the Mill Creek Pool in South Mill Creek; McDonald's was remodeled; Schmidts added a new walk-in cooler; Lion's Park remodeled the public washrooms; Du-Call Plastics bought and remodeled 704 E. North Street, which was a long-standing vacant building; Creative Beginnings Day Care remodeled two units on 108 Valley Drive; Aerial Influence remodeled the barn next to Station 2, and opened up a drone training site; St. Charles Sportsmen's Club added a large addition to their clubhouse; Equestrian Events constructed another large arena; WOW K9 remodeled a building on Reader; a portion of 140 E. Route 38 was torn down so that a Taco Bell could be constructed; Obscurity Brewery & Restaurant began construction; Blackberry Township began a remodel on their building; Lighthouse Academy began construction on an addition which would triple the size of their building; and Marklund began construction of a two-story day school. Meetings were held with Shodeen, Kane County Government and the Village of Elburn for future construction projects in Elburn Station and unincorporated Kane County on Keslinger Road.



Approximately 90 Burn Permits were issued in 2019 for ecological management of prairies, wet land and/or woodland property.

Ordinance No. 2019-01 was approved by the Board of Trustees on February 11, 2019. This Ordinance Amended Fire Prevention Ordinance No. 2017-2 by updating requirements for solar panel installations. There were 35 Solar Panel Installation Permits issued in 2019. Early in 2019 most of these solar panel installations were in Mill Creek, but the number in the Village of Elburn increased in the fall of 2019.

The engine and ambulance crews performed over 520 annual fire and life safety inspections at businesses throughout our fire district. Many of those inspections required re-inspections. We have two businesses that are a work in progress with code compliance. Inspections and testing for the above-mentioned 57 permits equaled approximately 1,100 visits to the sites for the Fire Marshal.

Duty crews flushed over 1,000 hydrants throughout our fire district, including the Village of Elburn, Mill Creek and Wasco. Specific hydrants were also flow tested. Flow testing provides information on water supply and performing this yearly helps to determine any changes in our water supply. Additional hydrants were flow tested for ISO. All dry hydrants were tested,

Public Education: Fire Marshal Lisa Schopp

Multiple public education events were attended, including: Blackberry 5K Bolt; Block Parties (13); Bi-monthly Blood Pressure Checks at Greenfields of Geneva; CPR Classes (21); Elburn Christmas Stroll; Elburn Days; Elburn Fire Pancake Breakfast; First Aid Classes (2); Halloween Bags were passed out to all the schools; Home Depot Safety Day; Juvenile Fire setter Intervention Programs (3); Kane County Safety Days; Keep the Wreath Red; National Night Out in Campton Hills, and National Night Out for the Village of Elburn; Parades (5); Remembering When at Meadows Senior Apartments; Silver Games at Greenfields of Geneva; Wellness Fair at Greenfields of Geneva and multiple station tours were given. Approximately 3,326 adults and 5,018 children were reached during 2019.



Fire drills were performed at Greenfields of Geneva and Meadows Senior Apartments, Blackberry Creek Elementary School, Creative Beginnings Elementary School, Fabyan Elementary School, John Stewart Elementary School, Lily Lake Elementary School, Lighthouse Academy, MA Center Greenfriends Montessori School, Mill Creek Elementary School, Marklund Hyde Center and the six Marklund Group Homes.

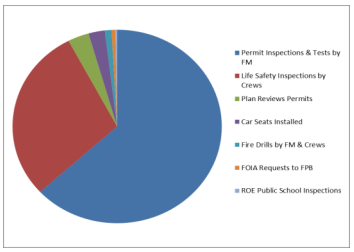


Fire Prevention Week safety demonstrations included Firefighter Dress-up; Stop, Drop & Roll; EDITH Drills in the Smoke House; Hazard House; and Touch a Truck. Fire Prevention demonstrations were held at Blackberry Creek Elementary School, Creative Beginnings Elementary School, Fabyan Elementary School, Hand in Hand Preschool, John Shields Elementary School, John Stewart Elementary School, Lighthouse Academy, Lily Lake Elementary School, MA Center's Green Friends Montessori School, McDole Elementary School, and Mill Creek Elementary School. We also started a fire safety training program with Mid-Valley for their 18-25 year old special need students.

This year we upgraded all of our frontline fire vehicles (E301, E302, K301, K302, E304) with extra 5" hose. All of our vehicles now have 1,000' of 5" hose (except E303 which does not support 5" discharge hose). FF/PM David Oliver, who is in charge of fire house, has proposed a plan which would update our oldest hose over the next few years. This would constitute replacing our aging 25-30 year old 1-3/4" hose; adding additional 2-1/2" hose; and taking out of service all of the 1988, 1989 and 1990 3" hose. Currently, he is in the process of creating color-coded hose loads: 1-3/4" would be blue, red and yellow; 2-1/2" would be orange, green and red; and 3" white.



Fire Prevention: Fire Marshal Lisa Schopp



FIRE PREVENTION BUREAU COMMUNITY RISK REDUCTION EFFORTS

EVENT	*COUNT*
Public reached through Pub Ed	8,344
Permit Inspections & Tests by FM	1,100
Life Safety Inspections by Crews	507
Plan Reviews Permits	57
Car Seats Installed	44
Fire Drills by FM & Crews	18
FOIA Requests to FPB	10
ROE Public School Inspections	5

Car Seat Installation: FF/PM Joe Homon



Unfortunately, vehicle collisions can happen to anyone at any time. We have approximately a 9% chance of being involved in a traffic accident every year. This equates to about five collisions in a lifetime (National Safety Council Injury Facts, 2012). Traffic crashes affect everyone at all ages, and is especially true for young children. Traffic accidents are the number one leading cause of deaths in children of the United States. What is also especially true is that in most cases children injuries and deaths can be prevented. As a result of misuse of car seats and seatbelts, many injuries and deaths occur. With the proper education, training, and facilities I utilize here at the ECFPD, I am proudly able to provide a free service that helps caregivers receive the tools and knowledge they need in order to successfully and safely install their car seats. Death and injuries in children is greatly reduced when car seats are used correctly.

Last year in 2019 I have competed 26 car seat checks. This involves meeting the caregivers and their children or grandchildren and evaluating their car seat needs. Rather than it being a car seat installation it is called a car seat check. I, as a car seat technician, educate caregivers on how to install car seats based on their vehicles and car seat type. I confirm the seat is compatible with the vehicle and fits the child based on manufacture's recommendations. I also check the car seat and vehicle itself for recalls. I educate them on the importance of airbags and the use of unapproved equipment. Not only is car seat installation discussed and practiced, I teach them how to harness the child safely and appropriately. Please so not hesitate to contact me or refer me to your friends and family for your car seat needs. Even if you have been installing car seats for years, I may be able to show you something new.



Emergency Medical Services: Lt. Sheri Nielsen



This past year 2019 we had quite a bit of change. We purchased our second LUCAS device, to add to our Initial Arriving Response Force, the LUCAS device allows us to be able to provide continuous uninterrupted CPR compressions. We now we have one at either end of our district.



We also purchased four I-Pads, for each of our ambulances to be utilized for our patient care software. This allows us to start the reporting of patient information as soon as we come in contact with the patient. The I-Pads have cellular service so that we can start entering information and be able to pick right up where we left off without having to start entering the patient information all over again. By being able to do this, it cuts down on the amount of time our crews are spending at the hospital. Since the crews are able to log on once they get to the hospital and finish the remainder of the report the crews can get back into service that much quicker. In this coming year we hope to purchase I-pads for our front line engines so in the event our ALS engines arrive on scene prior to our medics they can start entering patient information.

The Southern Fox Valley EMS System along with Northwestern Medicine recently rolled out their new platform for their web site and for continuing education. The new platform allows the system to better track everyone's CE hours as well as putting out more online CE offerings for the providers. Providers are able to see their progress and track their own CE hours something we could not do very easily in the past.

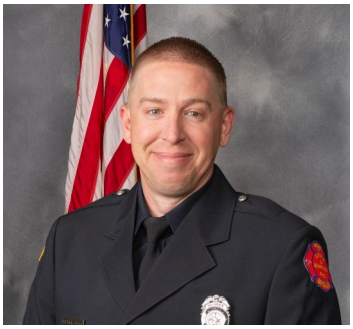


The state and our EMS system have also removed that state test for certification. Providers will no longer be taking a state test any longer they will be taking a National test for licensing. Our EMS system also removed our King LT's as an airway adjunct in patients in respiratory and or cardiac arrest. We now currently use the I-Gels for airway adjuncts. The i-gel O2 has been designed to facilitate ventilation as part of standard resuscitation protocols, such as those designated by the American Heart Association (AHA). However, the i-gel O2 incorporates a supplementary oxygen port, so that it can also be used for the delivery of passive oxygenation, or Passive Airway Management (PAMTM), as part of an appropriate Cardio Cerebral Resuscitation (CCR) protocol. Along with the ease of use this is a good addition to our resuscitation tools.

Along with the I-Gels our system put out our new system protocols this year. The system along with our PMD's changed how we recognize a stroke from using the Cincinnati stroke scale to the BEFAST stroke screen. By using this enhanced screening it will allow us to communicate our findings to the hospital and allowing the hospital to make in-house notifications based on our pre-hospital findings and be ready upon our arrival to get the patient the right care in the quickest time frame for better patient recovery and outcomes.

So, as we embark on another new year we hope to continue to move forward in not only providing quality patient care but also being able to use the most up to date equipment and tools to better serve our residents that reside in our district and those passing thru.

Technical Rescue Team: Lt. Trevor Hall



Elburn TRT Team: We continue to have nine members on our team. Our team consists of AC Hanson, AC Huneke, Lt. Algrim, Lt. Hall, D. Oliver, T. Lange, M. Linden, R. Seggebruch, and J. Rissman. Lt. Algrim, Lt. T. Hall, and AC Hanson are on the deployable team for MABAS Div 13 TRT. Lt. Algrim continues to be the MABAS Div 13 TRT Team Coordinator; he is doing an outstanding job for the division. Lt. Hall continues his duties as the Elburn Team coordinator. Lt. Algrim and Lt. Hall both are heavily involved the division team. They both frequently attend meetings for the coordinators and training committee for the MABAS Div 13 TRT team. M. Linden and R. Seggebruch have been working diligently on finishing up their classes for the Elburn TRT team. They should meet their class requirements for the team in early 2020. The Elburn team members had a total of 116.50 man hours of training. This does not include all the classes M. Linden and R. Seggebruch took. After nine years with the team FF/PM T. Lange is stepping down from the team do to his commitments elsewhere with the department. We would like to thank Travis for his nine years of dedication to the team. In 2020 the team will be going to the following drills: Trench, Grain Bin Rescue/Rope, Confined Space, and Collapse. The Elburn TRT team will be hosting the Grain Bin/Rope drill in May. It should be hosted at CHS on Meredith Road. We are hosting it for two days. The first day will be a combined drill with MABAS Div 6 (DeKalb and Sycamore). We are trying to get more opportunities to work with are neighboring teams for the just in case scenarios. Lt. Hall will be stepping down from his duties as Elburn TRT Team Coordinator after 2020 because of his changing responsibilities with the Department. Lt. Hall will be working on a replacement for his position during the first six months of 2020 then give a recommendation for his replacement to the Chiefs. We will also be adding a member to take T. Lange's spot on the team.

Hazardous Material Training: Lt. James Lloyd



This past year we have sent several team members to the Security and Emergency Response Training Center (SERTC) in Pueblo Colorado. They participated in a 24 hour Crude by Rail training. That was both classroom and practical training. They also attended a 40 hour Tank Car Specialist training program. This was also a classroom and practical training session. All of these classes were funded by the Department of Homeland Security, FEMA and the Union Pacific.

The team is also participating in MABAS Division 13 drills and they are holding Bi-monthly team drills at Elburn.

The team responded to one Hazardous Materials incident at Fermi Lab in July for an Acid leak with 5 members. The incident was mitigated with the help of MABAS Division 13 Hazardous Materials Team.

Three new team members have been added and will be attending formal training this year. The training costs will be covered by MABAS. They will attend class in May of 2019

Fire and Arson Investigations: FF/PM Rob Stevens



The Investigation Team consists of six members in Fire Marshal Lisa Schopp, Capt. Brian Schopp Team Lead Rob Stevens, Lt. Chris Mulvihill , Eric Daffron and Mike Didenko. The Investigation Team provides a Fire Investigator dedicated to each shift.

Of the six members of the Investigation Team, three members currently serve on the Kane County Fire & Arson Investigation team. Robert Stevens, Lt. Mulvihill, and Eric Daffron. This Team is a combination of Fire & Arson Investigators throughout the Kane County areas Fire Departments, who come together to determine and assist Kane County Fire Departments, with origin and cause to fires, and explosions. In March 2019 the ECFPD Investigation team attended the Will, Cook and Grundy County Fire Investigation Conference. This Conference is held annually and ECFPD has been represented at the conference for the past eight years with 2019 being our 9th consecutive year. The topics that were coved in 2019 were Firefighter Arsonist – Hero to Zero.

This year the Investigation team saw a trend around the Kane County and neighboring county's with dehumidifier fires. Our district also had a dehumidifier fire that caused significant damage. The case is currently in sublimation due to the possibility of a manufacturing default. Our Investigation is helping provide insight to this case so that a possible national recall can be made, and possibly save numerous homes from an unsafe product.

The ECFPD Fire & Arson Investigation Team is a vital component of fire department operations. Accurate fire origin and cause determinations are essential to protect the lives and property of the citizens of Elburn & Countryside Fire Protection District from fire and explosions. As a result of thorough and accurate fire investigations, future incidents and crimes can be prevented, and responsible parties can be held accountable.

Members of the Investigation team will be attending the 14th annual Fire Investigation Conference in March of 2020 with these topics. Vehicle Fire Investigation, An in-depth analysis and understanding of the fire dynamics of vehicle fires, understanding and identification of the effects of ventilation, and analysis of fire patterns. Agricultural and Heavy Equipment, Agricultural and construction equipment, identifying and understanding the electrical and fuel systems, common failures causing fires, analysis of ventilation, identification of fire patterns. Investigating Juvenile Fire Setters, Dynamics of the Fire Investigation, Motives, Interviewing/Interrogation, Juvenile Laws, Philological Aspects of the Juvenile Fire Setter, Prosecution and or Treatment. In 2019 Fire Marshal Lisa Schopp and Capt. Brian Schopp attended the IAAI Fire Investigation Conference for Fire Investigation and Arson Investigators in Champaign Illinois. With topics from fire patterns, sources of information, planning the investigation, documentation of investigation, physical evidence and management of complex investigation along with several other topics. This conference provided our Investigators with valuable knowledge to bring back to the team to share. Fire Marshal Lisa Schopp and Capt. Brian Schopp continue to be vital assets to our Investigation Team, that provide a wealth of knowledge and experience.

Foreign Fire Insurance Board: Chairman FF/PM Eric Daffron



The Foreign Fire Insurance Board consists of seven trustees. The District Fire Chief, who holds office by virtue of rank; and six members who are elected at large by the members. It is the mission of the Foreign Fire Insurance Board to receive and account for revenues from the tax on fire insurance policies sold by foreign (out of state) insurance companies, and to use such funds for the maintenance, use, and benefit of the Elburn and Countryside Fire Protection District. In 2019 the board purchased items to benefit the district and its members. Purchases included fitness equipment, station furniture, TV service subscription, AV equipment and I am Responding Software subscription.

Explorers: FF/PM Kristy Suriano



2019 was another successful year for the Explorer Program. On average, we maintained an enrollment with approximately eighteen members. There were numerous of Firefighters that participated in advising our youth program and we accomplished multiple successful training evolutions. The Explorers learned new Fire and EMS skills and participated in hands on training. They trained at the department as well as the Fox Valley Career Center. This year we had twelve Explorers participate in the annual IFSI training in Champaign, where they joined post from all over the state and trained on their skills and knowledge.

The Explorers were very active within the community as well. They participated in Leo Safety Days, Mid Valley Public Education, National Night Out, Elburn Day festivities, Taste of Kaneland, and the annual Elburn Christmas Stroll. The Explorers gain a lot of life experience volunteering for community events. The Explorers planned and executed a very successful fundraiser at the Lions Park where they hosted a BBQ. They received multiple gift certificates and raffle items to assist with their fundraising. All funds that are raised during the fundraisers are to assist with training fees and to help an organization in need. This year, the Explorers chose Sneaker Heartz to sponsor for holiday donations. The explorers donated 100 pair of shoes to those in need.

Above all, we are most proud of two of our Explorers who have been hired to be part time Firefighters for the Elburn and Countryside Fire Protection District. They plan to start their academy in 2020. We are also ecstatic for an alumni of the post, Joe Miller, to be hired full time here at Elburn. We have plans to grow and prosper into 2020 as we continue to maintain a strong avenue for the youth to Explorer the career field of the Fire/EMS service.

Quartermaster: FF/PM Mike Didenko



2019 the quartermaster program started the year off with establishing an on line ordering program with Elite Uniform Inc. The program started off with great success.

The quartermaster program purchased bullet proof vest and helmets to go on all front line rigs. That program is running with established department guidelines on when and where they should be utilized.

The quartermaster program has also been able to implement tracking and establishing gear replacement programs with the addition of 8 new sets of gear ordered.

As we conclude the 2019 year the quartermaster program will be transiting to a new on line system as our current vendor will no longer be able to handle our department needs. This will give the department and quarter masters even more control going forward as the new vendor will have more capabilities for tracking and ordering along with expanded product lines.

We look forward to expanding the quarter master program to meet the growing demands of the district.

SCBA: FF/PM Matt Linden



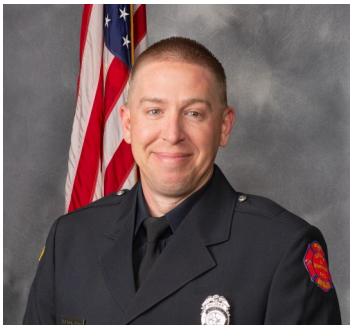
2019 was somewhat of an expensive year for SCBAs. The yearly testing and maintenance was close to $6,000 and I couldn't find any tickets from the last couple years that were anywhere close to that for the same process. I talked with Air One and they did say that the process was a little different and things were being checked and replaced at a more precise level.

We have begun the process for replacing our SCBAs, as they are due for replacement in 2023, but we're trying to do it before the hydro date of 2022. We are looking at MSA, Scott, and Interspiro as replacements. We have a plan to borrow the SCBA confidence trailer from FVCC to accomplish this, as well as using some of our props. Assistant Chief Huneke has been talking with Chief Cluchey about writing a grant to purchase, or help with the purchase of the SCBAs.

I have engraved the SCBA masks, in an effort to track repairs and who has which one. It seems to be working just fine and enables the quartermaster to now have an assigned number for each person's mask.

I have also made some improvements in the SCBA room in an effort to keep things organized and easier to access SCBAs when needed for training. I'm still working on streamlining some things and trying to decide what's best for us as a department when it comes to the organization/use of that room as we progress. It's still a work in progress, but is coming along.

APT Program: Lt. Trevor Hall



July 27, 2019 we implemented the APT program. This program stemmed from two basic things, AC Hanson's SDO and the Standardization committee seeing the need for personnel scheduling to be more consistent. We started off with an application process. D. Czaruk, Keith Callaghan and Lt. Hall held interviews for those that were eligible and wanted to be in the APT Program. After the interviews were completed Dan, Keith, and Trevor gave their recommendations to the Chiefs'. After the nine APTs were selected they then went to an orientation. The Chiefs then assigned the nine to shifts. Black Shift – K. Nessling, S. Darlak, M. Horner; Red Shift – R. Cantu, C. Meyers, S. Ferris; Gold Shift – J. Miller, C. Hathaway, C. Groom. J. Miller has since been hired fulltime by our department; A. Oliver has taken his APT position. C. Groom is taking a leave of absence to chase one of her passions in Hawaii, R. Capes has stepped up to take C. Groom's APT position. We have exhausted our list of APTs at this point. We anticipate holding annual APT interviews in March or April so that we can have backups as needed. The fire service as a whole does have members come and go but we have set a standard staffing model and we want a current list of members who can transition up into this role.

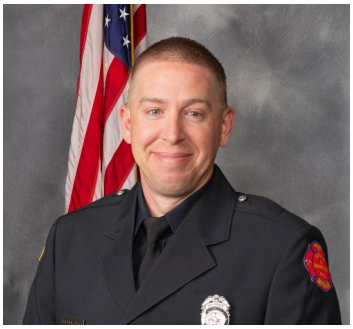
Fitness Committee: Lt. Steve Fuller & FF/PM Rachel Cantu





This year we have continued to create a healthier, safer, and higher performing department through our continued training with Zac Schrieber of KineticZ. As a department we have continued to decrease resting heart rate and body weight and increase cardiovascular strength, as well as muscular strength and flexibility. Several department members represented Elburn and participated in the "Fight For Air Climb" once again. We purchased two rowing machines and two assault bikes which have gotten much use in the weekly workouts as well as in individual use. In the upcoming year we intend to increase member participation in scheduled workouts and continue our functional fitness training in order to stay healthy and prepared. We will continue to assess the need for new and upgraded workout equipment as well as upkeep and maintenance of current equipment.

Standardization Committee: Lt. Trevor Hall



Standardization Committee: The committee is made up of fulltime and part-time members. They are AC Huneke, Lt. Fuller, Lt. Hall, D. Czaruk, K. Suriano, R. Seggebruch, J. Miller, and R. Cantu. The committee's responsibility is to help standardize what we do in the department. The committee brainstorms what areas need to be looked at and improved on for the year. The membership also sends ideas to the committee to look at. Anything that may need to be improved on is to run through this committee and then brought to the membership with the improvements and implementation. Some of the things the Standardization Committee worked on during 2019; Readiness which included – Staffing, PPE, Rig Checks and PSTRAX; Training which included - Recruits, Training, Workouts, and Target Solutions; Public Relations which included – Inspections, Public Education, Fire House, Outlook, and Aladtec. Other Areas of Concern which included - Lt. Phone calls- ISO Scores, FA System OOS, TriCom, Pub ED Events, and Burn Permits; Staffing – Parameters and Consistency. The committee was able to implement the proposals to the Chief from late 2018 that included mounting the SCBAs on the medics, turned E302 into a "Squengine" which was carrying the larger extrication equipment on it, preparing for the future of E-Draulic tools. For 2020 the committee is already working on Hose Loads, Computer Programs (more of a one-stop location instead of so many different programs), and Nozzles.

Safety Committee: Lt. James Lloyd



The Safety Committee is meeting monthly and working on numerous Items. They have reviewed NFPA 1500 and have made local additions and subtractions to fit the current operations of Elburn. They will be working with the individuals in the areas listed to ensure compliance with 1500 and any other NFPA standards that apply to that area.

A Mock OSHA inspection of the stations was completed with the help of a representative from Corkhill insurance. They identified several areas of concern. The Safety Committee is working with members to correct any areas of concern. Some of the areas identified have been corrected and others are still in the process of being addressed and corrected. These will hopefully be completed by the middle of Summer 2020.

Post fire decontamination is being added to the rehab policy. We are currently using decontamination wipes after fires. We are currently working on a post fire decontamination policy. This new policy will allow the department to address the rising Cancer diagnosis in firefighters. Numerous studies are currently being conducted to see what type of solution works best for post fire decontamination of gear, equipment and personal. After researching the use of saunas for post fire decontamination it was determined that this is more harmful and is not recommended. New departmental policies will be added by the middle of Spring 2020.

OSHA/IDOL/ECFPD Compliance

These are being worked through with the Safety Committee. Persons assigned to this will then be trained and work on making sure we stay in compliance at the outlying stations that they are assigned to.

Meters and Monitors

We have been accomplishing monthly calibrations of the 4-Gas, CO and Senseit monitors that are on all of the department vehicles. The 4-Gas and CO monitors are being replaced approximately every three years when they reach their end of life.

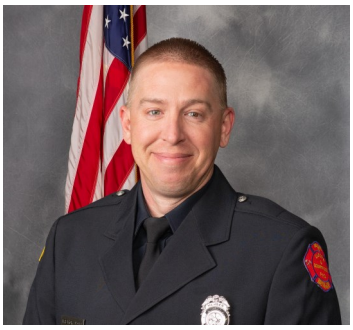
MSDS and SDS Sheets

All three stations have a current MSDS/SDS compliance book. We are updating them when we receive new products that require them.

Tier II

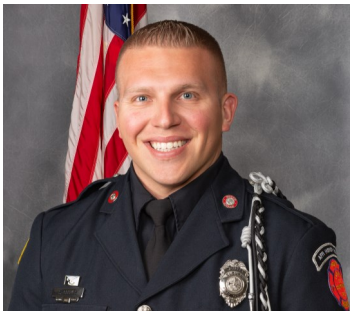
No new Tier II sheets to report on. We will start receiving the 2019 information from the businesses in the next few months. This is accomplished on an annual basis by the business and is an EPA requirement for them. Training on Tier II report will be coming for the Hazardous Materials team in the future.

Training: Lt. Trevor Hall



A new training committee was formed during the last quarter of 2019. This committee moving forward will have much more defined training and will be holding our members accountable for their training. This appears to be a very aggressive and assertive committee. Good changes coming in 2020. I would also like to state that we had a very good training/demo/evaluation of E-Draulic extrication equipment. Lt. Algrim and Lt. Hall set up a three day training/demo/evaluation. This was a challenging thing top setup. With the help of Caliber Towing and the business owner to the west we were able to set up three days of nine cars to set up and train with on the E-Draulic tools we were looking at purchasing. We had all 3 manufactures (Hurst, TNT, and Genesis) out on the same days for three days in a row. So we had 27 cars to cut apart and try these tools out so our members could have input on the tools. All manufactures commented after the three day training what a great thing it was to put the three manufactures up at the same time. We did accomplish our goal of trying the different tools from the different manufactures all in a row instead of spacing it out over two or three months.

Honor Guard: Co-Commander Stephen Coomes





Honor Guard members Coomes and Spitzock, at The Annual Fallen Firefighters Memorial, in Colorado



The year of 2019 was a very good and active year for our department's honor guard. Our members completed many hours of training through the AFFI and the department. We were able to participate in many events such as standing casket guard for a retired firefighter from our department in November, posting the colors for the Elburn BOF academy recruit graduation in May, the Kaneland High School Senior Night football game in October, the swearing in ceremony of FF/PM Bryon Ferguson in April, two Kane County Cougars Baseball games in June and July, and Leading the Elburn Fire Apparatus in the Elburn Days Parade in August. Our Honor Guard also traveled to Alton, IL to participate in the Honor Guard detail for a Firefighter Line of Duty Death funeral in March. We had one new addition to the Honor Guard in 2019 with Brother Bryon Ferguson. He used his knowledge from the military to help change the way that the AFFI Honor Guard folds the flag for fallen members, and our Honor Guard has been working on what is soon to be known as the "Elburn fold" to present to the state Honor Guard commanders at the Convention in February 2020.



The Honor Guard participating in our recent round of promotions and appointments

Our goals for 2020 are to continue to be active in the department and community with multiple events already scheduled such as the swearing in and promotional ceremonies of new Full-Time members and officers, the 2020 Elburn BOF recruit academy graduation, the Elburn Days Parade, our annual ECFPD 9/11 memorial ceremony, and any other events that we are called upon to help. This year at the annual AFFI Honor Guard convention, we will have Lt. Greg Algrim and Brother Matt Linden inducted into the guard, and Brother Stephen Coomes will be getting inducted into the AFFI Honor Guard Pipes and Drums as a bagpiper. We are very grateful to have the ability to bring a professional Honor Guard to our Fire District and community and look forward to continuing to improve our skills and provide the most honorable service whenever we are requested.

Buildings and Grounds: Assistant Chief Mike Huneke



As 2019 came to a close, we began the groundwork for replacing fire station 3, using the existing property to build a new facility. Studio 222 Architecture has developed a concept plan and all of the necessary site surveys were completed to get the project rolling. The village of Lily Lake approve our permanent use application late in 2019 in order for us to start the project. We have a very aggressive building schedule in order to make sure we are in the new building before the end of 2020. Prior to winter coming, a temporary garage was built in order to keep Engine 303 inside and warm for the winter months. This will allow us to still respond to structure fires in accordance with our response plans and our service delivery objectives.

As we get closer to station two becoming twenty years old we will continue to monitor and budget to replace and upgrade aging parts of the building including the bathrooms on the east end of the building.

Vehicle Maintenance: Assistant Chief Mike Huneke

In 2019 we added two new ambulances and a Fire engine to our fleet. We were able to replace both oldest ambulances in our fleet. We have moved back to the E series van style ambulance. Both new ambulances were purchased form foster coach and include new safety features such as video cameras for backing assistance and restraint systems for the attendant in the back of the vehicle. We also took delivery of our new E-One typhoon pumper. The vehicle was designed by the engine committee and also brings our first engine with airbags to the fleet and also backup cameras for the operator.



We continue to use outside vendors for inspections to provide the highest level of safety to our equipment for our personnel and the citizens we serve.

As we move forward we will continue to develop and adopt a fleet replacement schedule to allow us to better repair and anticipate cost and save funds in our capital budget for when we need to make purchases. As we look to the immediate future we will continue to evaluate the use of our Squad and make recommendations on the best use for this piece of equipment. In 2020 we will also look to replace the Fire Marshal's vehicle.

Service Awards

At our Annual Employee Appreciation Dinner we were proud to recognize the following service awards:

Employee	Years of Service Award
Keith Callaghan	35
Sheri Nielsen	30
Assistant Chief Haley	25+
Steve Hall	25+
Trish Modaff	25+
Robert Lennon	20
Travis Lange	15
Trevor Hall	10
Stephen Fuller	10
Christopher Mulvihill	10
Joel Rissman	10
Robert Stevens	10
Stephen Coomes	5
Christopher Elliott	5
Jameson Horn	5
Gregory Johnson	5
Mathew Linden	5
Christopher Meyers	5
Joseph Miller	5
Andrew Oliver	5
Austin Shingledecker	1
Christopher Spitzock	1



Closing Remarks: Assistant Chief Matt Hanson



2019, was another pivotal year for our organization! We are seeing our hard work beginning to pay off as we continue to build our organization, allowing division heads to take ownership of their areas of responsibility, and building succession planning into each area of responsibility. Taking care of our personnel and giving them tools to thrive remains a focus of this administrative team!

As you can see from 2019 Annual Report, we have much to be proud of, and look forward to 2020!

From "*The Elburn Way-Clear Leader Intent*" Chief Joe Cluchey

SERVICE to Others. It is what we do and why we exist. We need to continue serving the community through readiness (prevention), response, and recovery. Maintain a very visible presence in the community.