



CHANNAHON FIRE PROTECTION DISTRICT

2016

ANNUAL REPORT

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IN MEMORIAM



IN MEMORIAM Mark Swatek

February 8, 1968 ~ August 3, 2016



It is with heavy hearts we share the sudden loss of retired Firefighter/EMT Mark Swatek on August 3, 2016. Mark was a 10-year veteran of the CFPD. He retired from the Channahon Fire Protection District in April 2016. Mark also served the Dolton Fire Department for 8 years prior to making Channahon his home. He was employed as the Deputy Chief at Flint Hills Resources. He was a great man who always put the needs of others first. In addition to service to his community, he served our country in the United States Army as a Ranger Medic.

We will miss you, Mark.

MESSAGE FROM THE FIRE CHIEF



It is with great pride I present to you the Channahon Fire Protection District's 2016 Annual Report. The purpose of the annual report is to communicate the progress of our fire district, staff, and service to our community. It is of the highest priority to ensure our community receives efficient service with the allocated fiscal resources. All of our administrative and operations staff work diligently in their roles to provide the best capabilities possible to the community. The content of this report reflects those accomplishments and achievements.

On behalf of the Channahon Fire District Board of Trustees, Channahon Fire District Fire Administration and District staff, we will continue to place great emphasis on our commitment to serving the fire district. I am proud of all the men and women who serve with this organization and invite you to visit our facilities or allow us to visit you so we can share the pride we take in serving you! If you are a resident, local business, group, or organization served by the fire district and would like to hear more about us, we would be happy schedule an appointment to visit. Please visit our website at www.channahonfire.com. If you have questions, please email us at contact@channahonfire.com or call 815-467-6767. We also encourage you to follow us on Facebook for important notices and events.



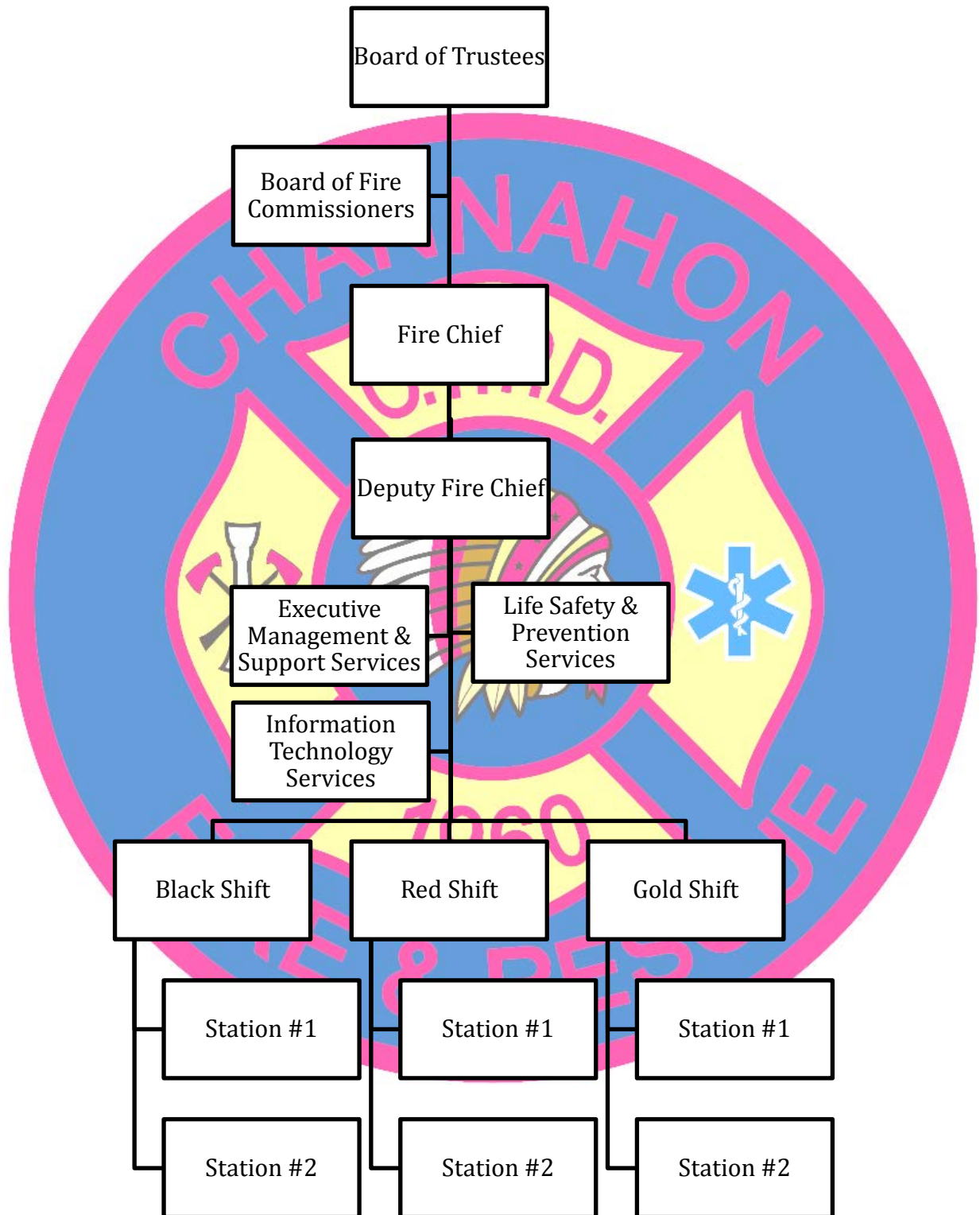
Thank you for allowing the distinct honor of calling us "your" fire district.

Respectively,

A handwritten signature in black ink, appearing to read "John Petrakis".

John Petrakis - Fire Chief
MSEFSL, CFO, MiFireE

ORGANIZATIONAL DIVISION OF LABOR



GOVERNANCE, EXECUTIVE, & OPERATIONAL LEADERSHIP

BOARD OF TRUSTEES



Bob Meyers
Trustee



Mike Rittorf
Secretary



Don Montgomery
President



Ron Smothers
Treasurer



Steve Rittorf
Trustee

BOARD OF FIRE COMMISSIONERS



JJ McClimon
Commissioner



Rick VanAsdlen
Chairman



Donna Gray
Secretary

ADMINISTRATION AND EXECUTIVE LEADERSHIP



Jacque McLaughlin
Executive Fire
Support Manager



John Petrakis
Fire Chief



Jeff Toepper
Deputy Fire Chief

OPERATIONAL LEADERSHIP



Andy Anderson
Lieutenant



Ryan Jandura
Lieutenant



Allen Koranda
Lieutenant



Brian McMillin
Lieutenant



Jake Randich
Lieutenant



Matt Skole
Lieutenant

SUPPORT SERVICES



Cindy Wilson
Life Safety Educator



Laron Sullivan
Fire Inspector



Bill McCluskey
Info Technology

CHANNAHON FIRE PROTECTION DISTRICT

MISSION STATEMENT

THE CHANNAHON FIRE PROTECTION DISTRICT AND ITS MEMBERS PROVIDE A UNIQUE SERVICE IN THE AREAS OF EMERGENCY RESPONSE, LIFE SAFETY EDUCATION, AND PUBLIC AWARENESS WITH PROFESSIONALISM, DEDICATION, AND PRIDE TO THE COMMUNITY AND THOSE IN NEED.



SERVICE DELIVERY

The Channahon Fire Protection District serves about 8,500 residents within 40 square miles. Fire suppression and emergency medical services are delivered using one staffed engine and ambulance at Station #1 and jump company (3 firefighter/paramedics staff 2 vehicles based on incident type) at Station #2. Due to the complex hazards of water rescue and industry, specialty teams such as C.A.R.T. (Combined Area Response Team) and Water and Dive Rescue are maintained and active within our mutual aid agreements. The fire district also has certified fire investigators that provide post fire investigation within the fire district and are active with the Mutual Aid Box Alarm System (MABAS) Fire Investigations Unit Division 15. In addition, the fire district has entered into several automatic aid and mutual aid agreements within our MABAS group to broaden the available resources and establish rapid deployment to various emergencies. The Western Will County Communications Center (WESCOM) in Plainfield provides emergency communications and dispatching services.

Organizationally, staff is comprised of two paid-on-call firefighters, nine contract Firefighter/Paramedics, and fifteen District Firefighter/Paramedics, Fire Chief, Deputy Chief, Executive Fire Support Manager, part-time Administrative Assistant, Cooperative Community Life Safety Educator (shared with Minooka Fire Protection District), part-time Fire Inspector, and Cooperative Information Technology Specialist (shared with Channahon Park District).

The District has two staffed stations. Station #1 is located at 24929 S. Center Street, and Station #2 is located at 23341 W. McClintock Road. These stations are staffed 24/7 with Firefighter/Paramedics.



Channahon Fire Station #1



Channahon Fire Station #2

ADMINISTRATION REPORT

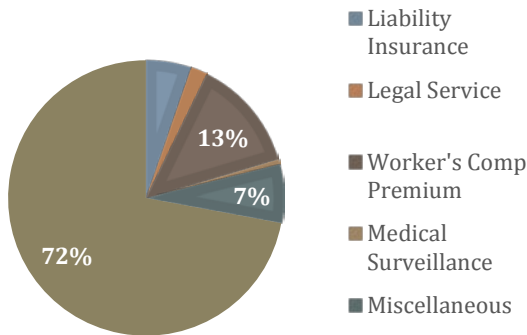
- Review land parcel locations suited for the potential location of new Fire Station #2
- Adoption of the 2015 International Fire Code with Village of Channahon Amendments
- Standard Operating Guideline Revisions
 - BLS & Non-Emergent Transports
 - Ambulance Transport – Closest Facility
 - Fire Alarm Procedures
 - Fire Chaplaincy
 - Standpipe Procedures
- Board of Fire Commissioner Rules Update
- Application for Assistance to Firefighter Grant Program; Communications Equipment
- Tax Abatement Agreements with Village of Channahon and Local Special Taxing Districts
- Fire Lieutenant Assessment and Examination Process
- Route 6 and S Center Street Traffic Softening Signal Design, Permitting, and Application to Illinois Department of Transportation
- Transition of Emergency Vehicle Technician Duties to Deputy Chief's Scope
- Performance Evaluation of Fire District Staff
- Revisions to the Board of Trustees Administrative Policy Manual
- Collective bargaining and contract negotiations with Channahon Professional Firefighters' Union Local #4681
- Health insurance renewal and new health plan integration
- Annual National Fire Protection Association Standard 1582 Medical Surveillance Physicals of Fire Suppression Staff
- Building Impact Fee Review with Village of Channahon
- Incident Action Plan Development
 - Fourth of July
 - Three Rivers Festival
 - Rotary Special Needs Day
 - Firefly 5K
- Starcom Digital Radio infrastructure planning
- Development of Starcom Digital Radio Intergovernmental purchasing agreements
- Insurance Services Office Public Protection Class Verification Process
- Illinois Fire Chief's Association Educational Scholarship Applications
- Illinois Public Risk Fund Insurance Bi-Annual Site Visits
- Quarterly Joint Safety Committee Meetings
- Establishment of Fire Chaplaincy and Volunteer Chaplain
- Fiscal Year 2017 Operational and Capital Budget Planning

OPERATIONAL AND CAPITAL EXPENSES

The Channahon Fire Protection District is described as healthy and continues to remain capable of sustaining service without fear of reductions in service or resources to our fire district. The Board of Trustees continued to review the future financial climate and investments in the 2016 fiscal year.

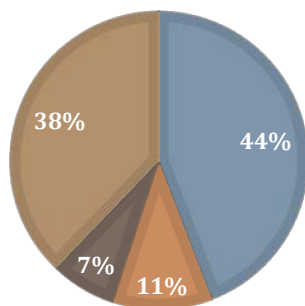
The fire district operates on a calendar year budget. The budget is adjusted each fiscal year to reflect the necessary allocations for that fiscal year. Careful monitoring of the allocations and their expenditures by the Board of Trustees, Fire Administration, and Program Managers assist the organization to capture responsible spending and data driven budgeting ultimately influencing where we invest our resources.

TORT AND LIABILITIES



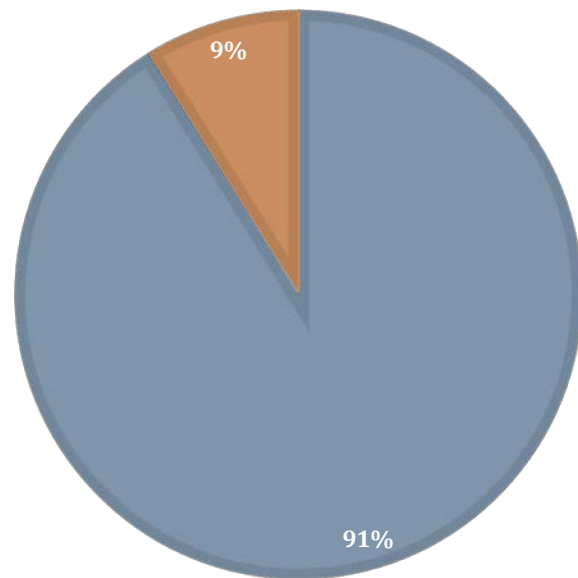
FIRE CORPORATE

- General and Administrative Expenses
- Operating Expenses
- Building Expenses
- Financial Service & Pension

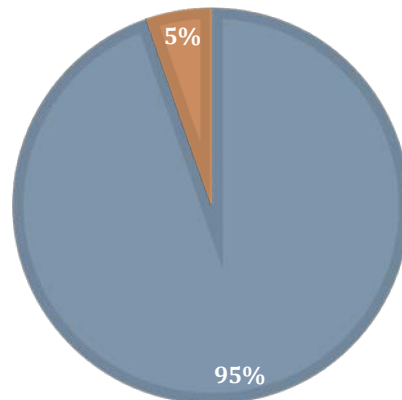


CAPITAL OUTLAY

- Fire Capital: Vehicles, Buildings, Equipment
- Ambulance Capital: Vehicles, Building, Equipment



- Payroll and Insurance
- General and Administrative Expenses



BUDGET GOALS AND ACHIEVEMENTS

Budget planning is an integral part of financial responsibility. Each year the executive leadership works with the operational component to plan for routine and replacement expenses. Items not categorized as routine operating expenses are reviewed for approval. If approved, the item is provided an objective and description to track the expenditure from start to finish.

In 2016, the fire district executed the following objective based expenditures:

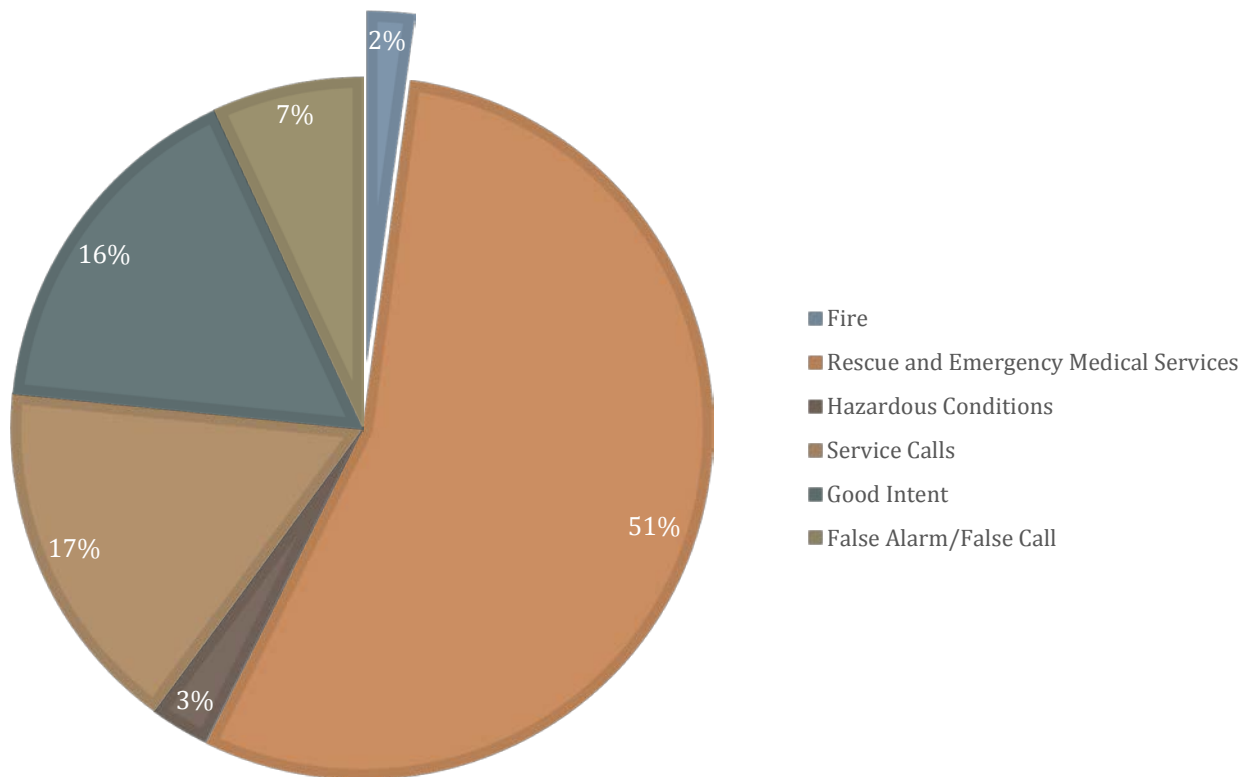
1. Structural Firefighting Ensemble Rotation
2. Tire Replacement on Squad 416
3. Parking Lot Seal Coating at Stations 1 and 2
4. Stryker Power Pro XT Ambulance Cot – Ambulance 424
5. Extrication tool quick connection retrofit
6. Stabilization airbag replacement on Squad 416
7. Engineering for Traffic Warning Devices at Route 6 and Center Street Intersection
8. Water Rescue Team Inflatable Boat
9. Mustang Ice Rescue Suits
10. 5" Supply Hose Replacement for Engine 421
11. Wired Communication Dive Masks



EMERGENCY RESPONSE DATA

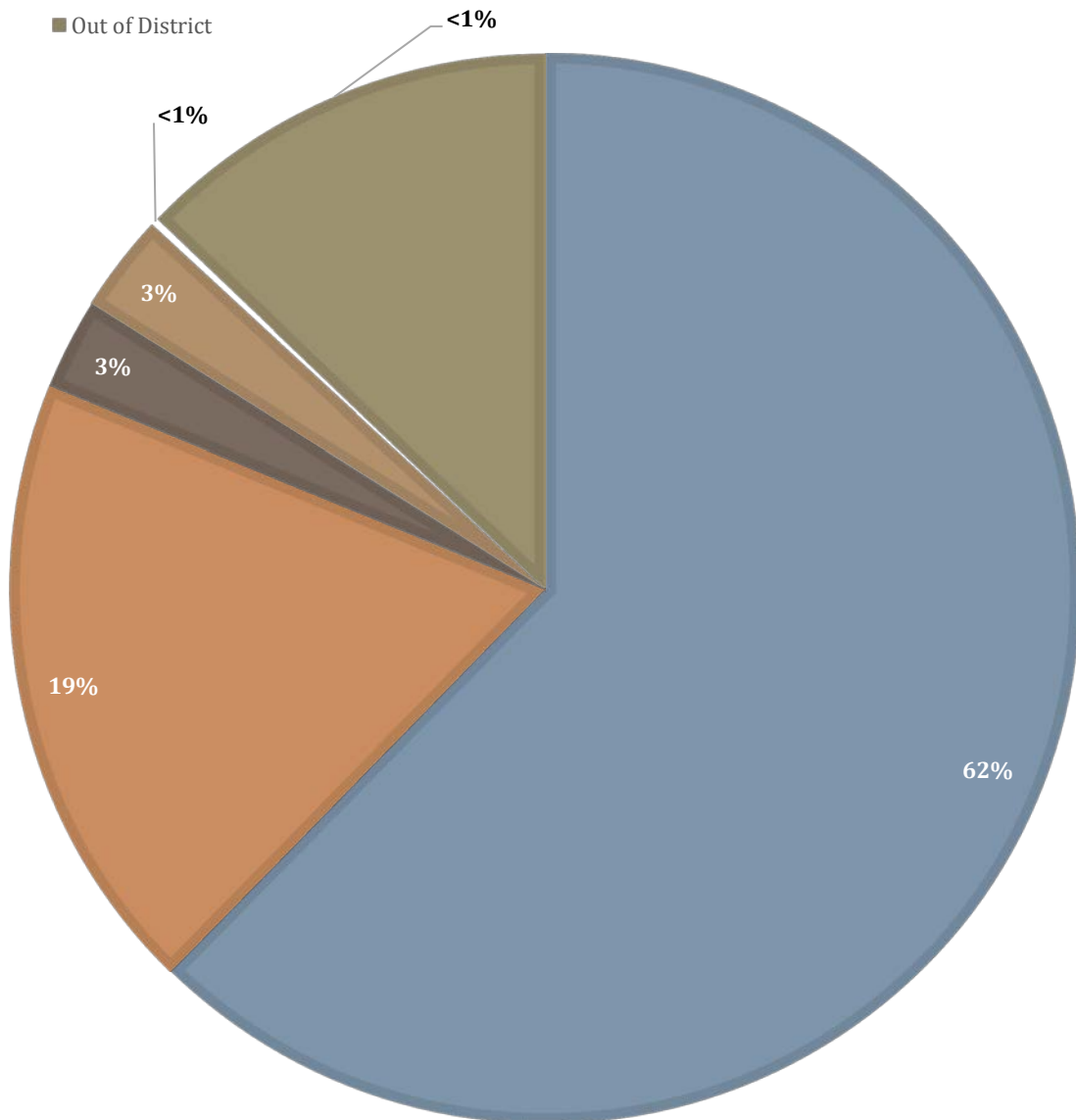
- 1,283 incidents
- Averaged 4 Incidents per day
- Averaged 1 incident every 7 hours
- Averaged “multiple calls in progress” 10% of the overall incident count
- Request for an ambulance every 14 hours
- Mutual aid was requested 121 times
- Mutual aid was provided 160 times
- Average “push-out” time was 1 minute and 10 seconds
- Average response time for the first unit to arrive was 4 minutes 16 seconds
- Average fire loss per incident was estimated at \$22,910.00
- Average structure fire loss was estimated at \$20,375.00
- Total fire loss was estimated at \$320,600.00
- The value of the property that was involved in the fires was estimated at \$4,157,600.00.
 - This equates to a “value saved” of 92.29%

2016 INCIDENT SUMMARY



INCIDENTS BY RESPONSE DISTRICT

- District 1 - West of I-55 and North of Des Plaines River
- District 2 - East of I-55 and North of Des Plaines River
- District 3 - South of Des Plaines River
- District 55 - Southbound I-55 MM249.5 to Blodgett Road & Northbound I-55 MM245 to MM249.5
- Des Plaines River
- Out of District



SIGNIFICANT INCIDENTS

The fire district is challenged each day with various types of emergency responses. The following are incidents that immediately overwhelmed internal resources, required large incident management, required the technical abilities of or responders, or possessed challenging circumstances. [10]

- **May 3, 2016 – Seneca; Combined Agency Response Team Technical Rescue**

- Various resources were dispatched to Seneca for an employee trapped approximately 160' feet from the ground surface. The worker was conducting repairs on large silos when the elevated boom tipped forward and colliding with the exterior walls of the silos. He became trapped in the cage of the boom arm. Technical rope rescuers used various lengths of rope and hauling systems to secure the worker and raise him to the surface of the silos. He was transported to the emergency room for minor injuries.



Channahon FPD responded with the technical rescue trailer and rescue technicians.

- **May 16, 2016 – Motor Vehicle Accident with Hazardous Spill**

- Fire crews were dispatched for an accident with injuries at Eames Street approximately 150' west of the West Frontage Road. A motorcycle had struck a saddle tank of diesel fuel. The saddle tank was at full capacity during the impact resulting in 100+ gallons of diesel leaking. The fuel also escaped into 2 storm catches before being mitigated by fire crews. A section of Eames Street had to be remediated by chemical clean up crews before the road could be opened.



- **May 30 through June 1, 2016 – Wilmington; Kankakee River Recovery**

- Various resources were dispatched to Wilmington to assist with two adolescents who were trapped in the State Park low head dam. The first victim was rescued but did not survive. Fire, EMS, and Water Rescue Crews, along with several law enforcement and emergency management agencies relentlessly searched the Kankakee River for the second victim over a three day period. The victim was recovered by water rescue team members on June 1. Channahon FPD supplied personnel and equipment each day to support the recovery efforts. [11]



SIGNIFICANT INCIDENTS -CONTINUED

- **June 10, 2016 – IOI Loaders Croklaan; Over-pressured Containment Vessel**

- Fire crews responded the large industrial campus for a reported “grease fire” inside a building. Upon arrival, firefighters found an overheated crude soybean oil causing over-pressurization of the storage container. Immediate hazards included the superheated containment system and very high operating temperature that needed to be regulated



before the scene could be deemed safe by facility officials. Fire crews remained on scene to assist facility personnel to secure the storage unit.

- **August 11, 2016 – Three Rivers Marina; Boat Fire**

- Fire crews responded to the marina for a large boat on fire in the harbor. Fire crews were challenged with a fully involved boat fire, limited access to the harbor, and poor visibility due to the night hours. Crews established a mobile water supply and several hundred feet of



fire attack hose to reach the fire. Class “A” foam concentrated along with 4,500 gallons of water eventually extinguished the fire.

COMMUNITY OUTREACH

Our mission to serve extends beyond our call to duty during someone's worst moment. The Channahon Fire Protection District is involved in initiatives and events to give back to or support local and surrounding area programs. Through our involvement, we strive to promote our organization's values and share those values by taking part in our community.

During 2016, the Channahon Fire Protection District was involved in several community outreach programs. The following are descriptions of some of the highlights:

Grundy County Fallen Officers Memorial



Each year the Channahon Fire Protection District participates in the Grundy County Fallen Officers Memorial to remember those local police and firefighters who have paid the ultimate sacrifice and honor their families. Specifically, our organization recognizes fallen Firefighter Kenneth Frayne who died in the line of duty on October 13, 2001. Chief Petrakis and Lt. Jandura spoke on behalf of Firefighter Frayne's memory.

Pink Heals Walk

We joined the Joliet Chapter of "Pink Heals" and Village of Channahon as they held the annual Pink Heals 5K Walk. Firefighters walked with many families and survivors to support those who face the hardest fight; however, through their perseverance and spirit, they remind us to never give up.



Back to School Awareness

Our Community Educator, Cindy Wilson, accompanied by our firefighters posted "Back to School" Awareness posters on fire apparatus at each Channahon School District 17 building during the first week of school to remind motorists that student and buses were active. The initiative is an ongoing program to raise situational awareness in school zones.

COMMUNITY OUTREACH - CONTINUED

Breast Cancer Awareness Month

Every October, the Channahon Fire Protection uniform is altered and duty crews don pink uniform shirts to commemorate those brave women who are currently battling the disease or remember those who lost their courageous fight. The firefighters wear the shirts to celebrate the bravery exhibited by these women and remind us all that the hardest fights do not always involve fire.



911 Hero Award

The Channahon Fire Protection District in conjunction with Pioneer Path School, Wescom, and Will County 911 honored Joaquim Montoya for his valor during a 911 call to Wescom on November 8, 2016. Joaquim's father suffered a medical emergency incapacitating him. Joaquim summoned an ambulance, rendered aid to his father, and kept his little sister calm. He was recognized for his bravery but also to celebrate the value of strong community education in our fire district.



Pioneer Path Elementary and Fire District Safety Calendar

Firefighter Cindy and Mrs. Verbic teamed up and provided 3rd and 4th grade art students the opportunity to exhibit their artistic perspective drawing ability but also meet with the firefighters and discuss what it is like performing the job of a firefighter. The students used firefighters' feedback as their "inspiration" to create very impressive renditions of Channahon Firefighters in action. The drawings were judged by Firefighter Cindy and Mrs. Verbic and the winners were placed in our annual spring calendar.

Halloween Trick or Treating

Firefighters took to the streets during the Village of Channahon's Trick or Treating hours to pass out candy and Halloween safety tips. Firefighters enjoyed stopping in local subdivisions and observing the kids' reactions to the presence of the fire engine and ambulance but the fact firefighters were out sharing candy was even more awesome!



COMMUNITY OUTREACH - CONTINUED



Channahon Park District Touch A Truck Event

The Channahon Fire Protection District's engine and ambulance are two of the "big rigs" featured at the annual event. Kids and adults get the opportunity to get close to the vehicles and the equipment. Kids of all ages, 5 to 65, get to ask lots of questions and learn all about how the vehicles and the firefighters are equipped to serve them in their greatest times of need.

Pink Heals Visits

Throughout the year, the Pink Heals Joliet Chapter conducts home visits in Channahon to those whose lives have been touched by cancer. Duty crews assist by following the Pink Heals volunteers and help exhibit the support and love needed to battle cancer. Firefighters have been known to provide the best hugs.



Channahon Police Department National Night Out Event

The Channahon Fire Protection District is one of many partners who assist the Channahon Police Department with the annual community-building campaign that promotes neighborhood partnerships and camaraderie to make our neighborhoods safer and better places to live. The fire district apparatus are on display for children and parents to see. The Fire Safety Trailer is featured as well and provides approximately 200 children each year the opportunity to practice about 10 minutes of safety which might save their lives.



Annual Open House

Each year we turn the firehouse into a family fun event where children and adults get to visit and see firsthand the people, apparatus, and facilities that stand ready to serve them every day. The apparatus bay floor and parking lot are turned into activities and displays which reinforce many aspects of safety. We partner with the Channahon Police Department, Wescom/Will County 911, Morris Hospital Paramedic Academy, and private utility companies to share many messages of safety.

COMMUNITY OUTREACH - CONTINUED

Galloway Elementary "SCBA Throwdown"

As part of an outreach to 1st and 2nd graders at Galloway, Firefighter Cindy and Chief Petrakis ask the students to submit questions for the "Why do they do that?" section of the bi-annual newsletter. One of the questions submitted by an entire class inquired who could put their SCBA on the fastest? Firefighter Cindy turned a question into an educational event and ultimately a competition. Firefighters and their student designees were challenged to see who could dress the fastest to race to a call!



Three Rivers Festival Operation Hydration

The Three Rivers Festival event attracts thousands of adults and children each year. In a proactive attempt to reduce heat related stress medical issues at the event, the Channahon Fire Protection District works with the festival committee and carnival staff to place signage for "Operation Hydration." The signs are strategically placed around the festival site to remind people of the signs and symptoms associated with heat related injuries. In addition, firefighters are standing by each year at the festival ready respond to heat or any other types of emergencies which may occur. [15]

Shabbonna Fire Academy Graduation Keynote

Chief Petrakis provided the keynote speech at the 2016 Shabbonna Fire Academy graduation in Morris. The opportunity to address newly graduated firefighter candidates and their families during one of the most prestigious days of their fire service career is heartfelt and an honor. The keynote focused on a candidate's journey through their career and not necessarily the route taken but what experience along that journey to achieve success.



COMMUNITY OUTREACH - CONTINUED



Dr. Seuss Reading Night at Galloway Elementary

Firefighters were invited to commemorate Dr. Seuss authored books by attending a reading night at the school. Several firefighters were on hand to read classics like “Cat in the Hat”, “One Fish, Two Fish”, and “Oh, The Places You Will Go!”

Channahon Park District Lifeguard Lifesaving Awards

The community often associates “heroes” being firefighters or police officers. Lifeguards protect pool sides across the nation each summer and receive training to be “First Responders” as well. Firefighter Cindy is a part of their training each year as she conducts CPR/AED/First Aid training for these young men and women. Particularly, Arrowhead Aquatic Staff received life saving awards for several life saving efforts throughout the summer.



COMMUNITY OUTREACH - CONTINUED

Kenneth Frayne Memorial Service

On October 13, 2001, the Channahon Fire Protection District lost an outstanding individual as a result of a diving accident. Ken Frayne, was a devoted volunteer firefighter who faithfully served his community. The loss of Firefighter Frayne is challenging time in our fire district history and left a lasting impression on those men and women who were part of our organization on October 13, 2001.

October 13, 2016 marked the 15th anniversary of Firefighter Frayne's passing. As a celebration of his life and the influence he had on the community, the Channahon Fire Protection District held a memorial luncheon to celebrate the life and service of Ken Frayne.

Many people shared the impact Firefighter Frayne had on them as they stood before men and women who knew him professionally, personally, and as family. Members of Firefighter Frayne's family, Chief David Riddle (Retired), Captain Ed Wrobel (Retired), Lt. Ryan Jandura, and Mayor Moorman-Schumacher all shared their love and lasting impact through heartfelt speeches. Friends, retirees, and current members of Firefighter Frayne attended and showed their alliance to their fallen brother.

The Board of Fire Trustees honored Firefighter Frayne by passing a resolution commemorating every October 13 being "Firefighter Ken Frayne Memorial Day".

Lt. Jandura, a friend of Firefighter Frayne, worked with Village of Channahon to honor him by renaming a local residential street. The Village of Channahon passed a resolution renaming a section of South Center Street from IL State Route 6 to Bluff Street as "Honorary Kenneth J. Frayne Way."

The Channahon Fire Protection District issued a special challenge coin commemorating the event.



PERSONNEL AND ORGANIZATION ACHIEVEMENTS

Service Awards

<i>First Year</i>	<i>J.J. McClimon Rick VanAsdlen Jeremy Wilson</i>
<i>Five Years</i>	<i>Jeff Toepper</i>
<i>Fifteen Years</i>	<i>Terrence O'Hern Jacob Randich Matt Skole</i>
<i>Forty Years</i>	<i>Glenda Kreimeier</i>
<i>Forty-Five Years</i>	<i>Steve Rittorf Ron Smothers</i>



Company Citations

Awarded for the following companies' actions at an emergency incident that demonstrated a high standard of performance.

- February 3, 2016 / 16-0113 – CODE STEMI
 - Lt. Al Koranda, FF/Medic Rich Arnold, FF/Medic Kevin Kubacki
- August 11, 2016 / 16-0668 – 23841 Eames Street/Full Arrest
 - Lt. Brian McMillin, FF/Medic Lt. Al Koranda, FF/Medic Rich Arnold, FF/Medic Seth Baxter, FF/Medic Stephanie Hiemer, FF/Medic Kurt Liebermann, FF/Medic Mike Hammerstein, FF/Medic Kevin Kubacki

Chief's Cross Commendation

- Reserved for the Chief of the district to recognize a member for some outstanding achievement, within or outside the fire district that causes a positive and dramatic change in the fire district or local fire service.
 - Jacque McLaughlin – President ~ 2015-2017 Illinois Fire Administrative Professionals

PERSONNEL AND ORGANIZATION ACHIEVEMENTS - CONTINUED

Retirements

Chief Engineer Rick Kruger retired following 35 years of service to the Fire District. He began as a cadet with the fire department in August 1981 and certified as a firefighter in December 1983. He held the rank of Fire Captain and eventually Chief Engineer in 1984. He was hired in 2009 to serve as the Emergency Vehicle Technician and maintained the fire district vehicle fleet. He attained many ASE certifications as well as achieving Level II Fire Apparatus Technician certification.

New Fire District Hires

The following staff members were hired as contractual Firefighter/Paramedics under the Kurtz Ambulance Staffing Contract:

- Tyler Yost January 2016
- Kevin Kubacki January 2016
- Jeremy Wilson January 2016
- Ethan Simmons January 2016
- Ryan Biernat September 2016
- Brandon Chiak November 2016



Senatorial Award

Jacque McLaughlin, Executive Fire Support Manager was recognized by Senator Pat McGuire for her achievement as the Illinois Fire Service Administrative Professionals (IFSAP) Administrative Professional of the Year. Ms. McLaughlin was recognized by the award for her commitment, dedication, and passion to serve the fire service in her role as an administrative professional.

Illinois Fire Chief's Association Educational and Research Foundation Scholarships

Jacque McLaughlin and Adam Hughes were awarded advanced education scholarships to assist with tuition costs associated with the pursuance of their advanced degrees. The scholarships were presented in Peoria at the annual Illinois Fire Chief's Association conference during October.



P25 Digital Communications Infrastructure Planning and Preparation

- The fire district in collaboration with other police and fire agencies served by the Western Will County Communication Center (WESCOM) worked to negotiate pricing and terms with several radio communications vendors. After several months of research, WESCOM and its constituents developed purchasing plans, radio specifications, talk groups, and interoperability patches that will significantly improve the overall communication network in the WESCOM footprint. Many work group sessions and technology specific meetings were attended to help develop the required pathway for specification and programming. In addition, fire district leadership worked internally to pass an intergovernmental agreement with WESCOM specifying the purchasing terms in order to execute payment for the new equipment. Specifically, the fire district purchased fourteen portable radios to be available for shift personnel and command staff, thirteen mobile radios to be installed in various vehicles, and necessary accessories including batteries, charging banks, and speaker mics. The new inventory will replace the VHF radios used currently. The integration of the new system is expected to be functional in the third quarter 2017.

Insurance Services Office Fire Protection Classification Verification

- In November, the fire district underwent an extensive Insurance Services Office Fire Protection Classification Grading Verification. The last grading was completed in 2009. The fire protection classification is a rating used by insurance firms in their underwriting process. The lower the number; the better the rating. The current ISO ratings for the fire district are 4/10 in the Village of Channahon Fire Protection Area; 3/10 in the Village of Minooka Fire Protection Area, and 9/10 in the rural fire protection district. The grading reviewed various components including:
 - Water supply capabilities and infrastructure
 - Fire suppression components including response times, apparatus inventories and capabilities, staffing, personnel professional qualifications, risk reduction, and response deployment
 - Emergency communications capabilities including communications infrastructure, call handling times, redundancies, and telecommunicator staff professional qualifications and training
- Results of the grading take approximately six months to calculate to output the fire protection classification; verification results are anticipated to be made available in third quarter 2107.

EMERGENCY MEDICAL SERVICES – LT. RYAN JANDURA

The Channahon Fire Protection District EMS division responded to 737 calls for service in 2016, where a patient was transported to an Emergency Department, or was treated and released at the scene. This number does not account for “lift assist” and “no patient found” incidents or Mutual Aid responses to neighboring departments.

The EMS Division replaced the first line ambulance for Station 2 with a 2016 Ford F550 chassis equipped with a Horton ambulance package. This unit is similar in design to our Station 1 ambulance that was purchased in 2014, including four-wheel drive capabilities. The new unit replaced a vehicle that was over 12 years old. The unit was placed in service in September 2016.



Silver Cross Emergency
Medical Services System



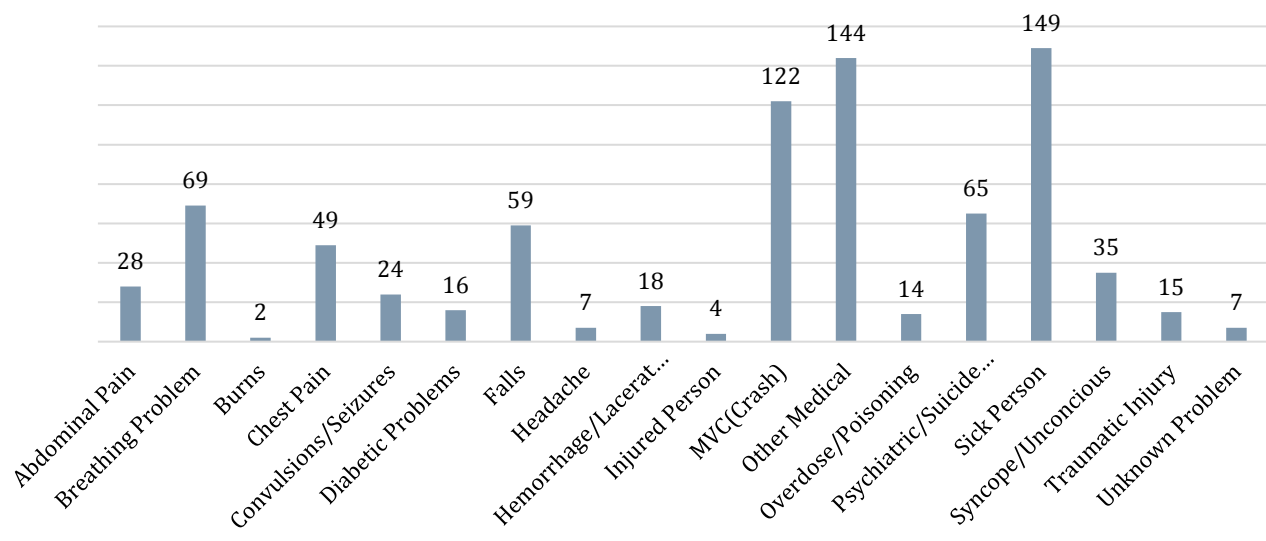
Our paramedics were selected by Silver Cross Emergency Medical Services System for an outstanding EMS response during 2016. Our EMS providers, along with collaboration from assisting law enforcement and fire companies, resuscitated a worker who suffered from cardiac arrest while working in an excavated pit area. The following individuals were commended for their efforts:

Deputy Chief Jeff Toepper, Lt. Allen Koranda, Lt. Brian McMillin, FF/PM Kevin Kubacki, FF/PM Kurt Liebermann, FF/PM Mike Hammerstein, FF/PM Richard Arnold, FF/PM Seth Baxter, FF/PM Stephanie Hiemer, and Channahon Police Officer Ed Bischoff, who successfully converted the individual's heart arrhythmia using his patrol car's AED.



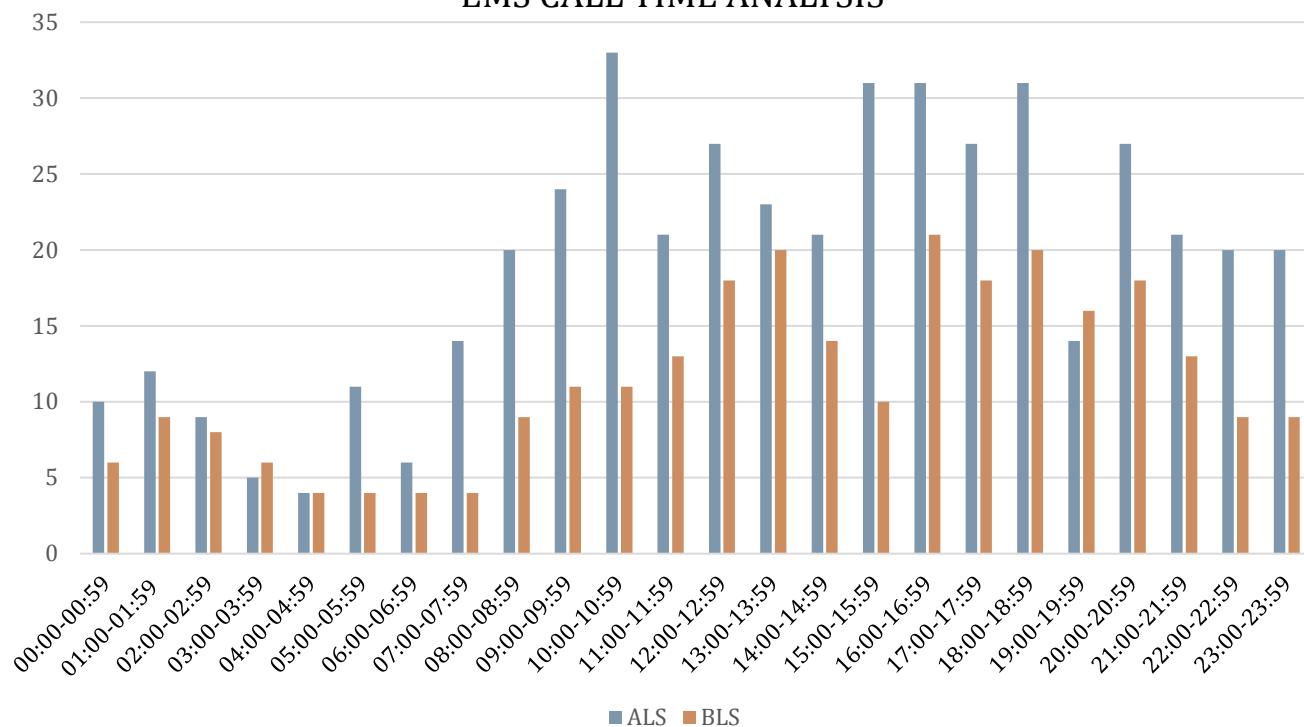
Presence St. Joseph's Medical Center recognized our EMS providers for their treatment and transfer times for a patient who sustained a ST-Elevation Myocardial Infarction (STEMI). According to national standards, there is a 90 minute timeframe from the discovery of the STEMI event is recognized to arrival at a hospital catheter laboratory to increase the survivability of the patient. With the swift response of the CFPD and St. Joseph's Cardiac Cath Lab Team, the patient was in the care of the hospital's Code STEMI Team within 28 minutes.

NATURE OF CALL

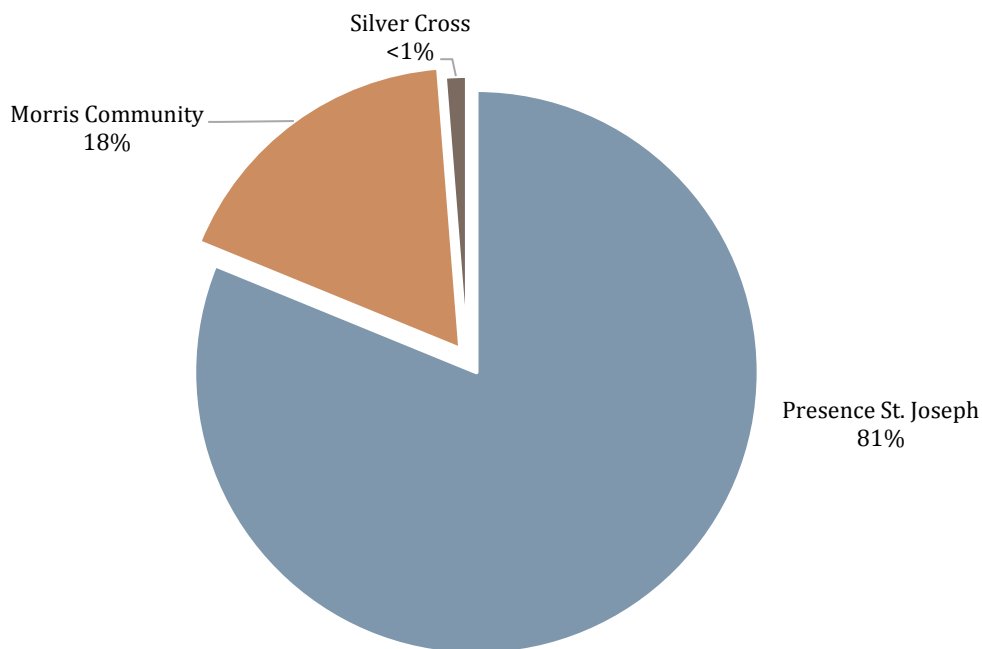


EMERGENCY MEDICAL SERVICES – LT. RYAN JANDURA - CONTINUED

EMS CALL TIME ANALYSIS



TRANSPORT FACILITY



TRAINING – LT. BRIAN MCMILLIN

In 2016, the Training Division assisted various members with achieving certifications including but not limited to Advanced Technician Firefighter, Fire Service Vehicle Operator, Fire Officer I, Vehicle and Machinery Technician, Trench Operations, and Water Operations.

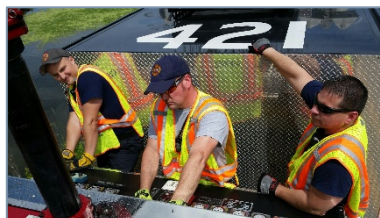
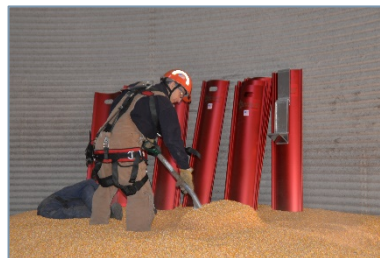
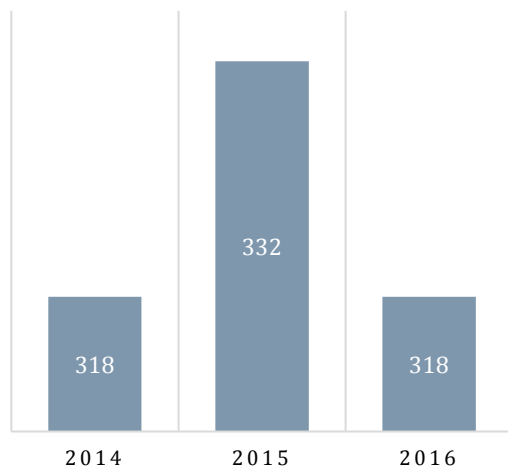
The Channahon Fire Protection District collaborated with the Foreign Fire Tax Insurance Board to purchase materials to conduct on-site driver's certification training. The materials purchased provided each apparatus operator the opportunity to complete the required annual driver's obstacle course. The course is also used in initial driver's training certification skills evaluation.



Among the many internal training opportunities offered by the fire district, our members also participated in outside training opportunities.

- Insurance Standards Office Water Supply
- Blue Card Incident Management Certification Training
- Industrial Fire Training at Oil Tanking with Elwood Fire Protection District
- Orland Fire Protection District Incident Command Simulations
- Combined Agency Live Fire Training with Minooka Fire Protection District
- Combined Agency Response Team Technical Rescue Drills
- MABAS Division 15 Water Rescue Drills
- MABAS Division 15 Incident Management Drills

ANNUAL AVAILABLE TRAINING HOURS COMPARISON

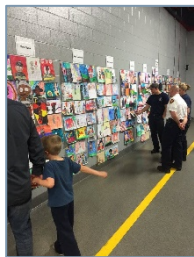


LIFE SAFETY EDUCATION – CINDY WILSON, COMMUNITY EDUCATOR

Fire and Life Safety Education is important to ensure our community remains informed of proactive behaviors to reduce injuries and fire loss. We provide quality educational programs for all ages within the fire district, school district, and at community events. We coordinate our programming to meet the needs of diverse demographic within the fire district. All programs meet National Fire Protection Association objectives.

Educational Program	Children	Adults
Adopt-a-Firefighter Program	110	8
CPR/AED & First Aid Certification	32	192
Bus Evacuation Training	1,035	13
Monthly Fire Safety School Programs	220	15
Risk Watch	150	10
FEMA Sesame Street Pre-K	110	14
Public Education Event	786	274
Public Education - Other	22	31
Fire Extinguisher Training	None Requested	None Requested
Totals	2,735	557

Safety Activity	Total
Child Seat Inspection/Installs	31
Smoke Detector Installations	None Requested



FIRE PREVENTION AND INSPECTIONS – LARON SULLIVAN, FIRE INSPECTOR

The Life Safety Inspection Program aims to reduce the frequency and severity of fires and other life safety incidents. This is accomplished through a multi-dimensional approach that includes enforcement and plan review, which is completed in conjunction with the Village of Channahon Building Code Official. Both entities use a collaborative approach to achieve life safety planning, inspection, and application.



Noteworthy Life Safety and Inspection activities included:



- Adopted 2015 International Fire Code in conjunction with the Village of Channahon and Minooka Fire Protection District
- Continued with fire safety oversight of:
 - St. Elizabeth Residences
 - IDI Commercial Development

Total General Occupancy Inspections 171

<i>Total Re-Inspections</i>	<i>17</i>
<i>New Buildings</i>	<i>6</i>
<i>New Businesses</i>	<i>9</i>
<i>Remodels/Additions</i>	<i>2</i>
<i>Plan Reviews</i>	<i>2</i>
<i>Knox Box Applications</i>	<i>2</i>
<i>New Fire Alarm Tests</i>	<i>2</i>
<i>New Sprinkler Acceptance Tests</i>	<i>3</i>
<i>Existing Fire Alarm Tests</i>	<i>24</i>
<i>Existing Sprinkler Tests</i>	<i>11</i>
<i>Cooking Hood Reports</i>	<i>3</i>
<i>Fire Door Drop Tests</i>	<i>0</i>
<i>Fire Pump Tests</i>	<i>3</i>

PRE-INCIDENT FIRE PLANNING – LT. ALLEN KORANDA

The 2016 calendar year was used to re-evaluate the pre-incident planning process. While working alongside the Fire Prevention and Inspections Division the fire district orchestrated a more efficient use of time by combining our visits. Collaborating visits reduced the frequency fire district personnel had to visit a site to complete the pre-plan or prevention activity.

The form to gather the pre-planning data was reviewed and simplified to collect critical pre-response data. Condensing the form designed rapid accessibility to the information a suppression company would need in the event of emergency at the facility. The versatility of the form gives our command staff a good overview in anticipation for extended operations. A summary of the information that was obtained in the revised pre-incident planning process can be seen below.

By streamlining this process, the department will have completed 80% of the businesses by the fourth quarter of 2017. We will also have converted previously completed pre-plans to the new form with all forms uploaded to our CAD system.

Pre-Incident Planning Information

Construction Related	Fire Related	Utilities	Special	Access	Rescue Related
Construction Type	Fire Mutual Aid Cards	Electric	On-Site Hazardous Materials	Knox Box	EMS Mutual Aid Cards
Roof/Ceiling Type	Hydrant 1/2	Natural Gas		Entrance Points	Employee Counts
Business Type	Fire Alarm	Special Power Supplies			Contact Information
Dimensions	Standpipe/FD C				
Stories	Sprinklers				

SPECIAL OPERATIONS

Water Rescue

The Water Rescue team was dispatched for emergencies within the fire district as well as mutual aid requests in the region. They provided several pieces of water rescue apparatus and rescue technicians during the two-and-half day search and recovery in Wilmington following the Memorial Day Weekend. Replacement equipment was purchased which included two dive communication masks and mustang cold water rescue suits. A new inflatable boat was commissioned to replace an 18-year-old inflatable vessel.



Combined Agency Response Team (CART)

The Combined Agency Response Team members continued their regimented training requirements and credentialing. The team's focus has been response to agricultural rescue responses including farm implement disentanglement, grain bin rescue, and heavy machinery rescue. Much focus was given to farm rescue hazards as well as "man versus machine" entrapment.





Radio Communications

- Prepared for the 2017 P25 digital radio platform move within the WESCOM area.
 - Radio trials
 - Zone list and Talk group configuration
 - Portable and mobile radio counts



Respiratory Protection

- Mask and SCBA batteries were changed in February and August.
- All MSA SCBAs and masks were flow tested per NFPA guidelines.
- Annual Fit testing was completed in August.



Structural Firefighting Personal Protective Ensembles

- Purchased four new ensembles to rotate and maintain serviceable life.
- Completed quarterly inspections of coats, pants, gloves, and hoods.

SUPPORT SERVICES (CONTINUED)

Information Technology

Many fire district administrative and operational components are supported by various technologies and computer based infrastructures that are vast in their functionality and require constant oversight. Programs such as QuickBooks, Firehouse Software, Premier ONE Mobile, Fire Manager, and Rescue Net, TabletPCR are used daily. In addition, equipment such as work stations, servers, mobile data terminals, email functions, and networking interconnects the capability of our information technology performances.

Completed Upgrades, Efficiencies, & Maintenance

- *Continued hardware improvements (workstations & server)*
- *Addition of "Fleet Maintenance Pro" software program for vehicle maintenance record keeping and cost tracking*
- *Addition of "Firehouse Inspector" software program for field inspection record capture and reduction of paper form inspections*
- *Email server migration and upgrade*
- *Web server migration*

Fleet Maintenance Services

Channahon Fire Protection District maintains a robust maintenance program which meets standards set forth by the National Fire Protection Association. Preventative maintenance begins with the firefighters as they conduct daily and weekly inspections of the apparatus. The Deputy Fire Chief oversees the preventative maintenance schedules, repairs, and other miscellaneous upkeep that results from normal use. Maintenance record keeping is completed and retained in-house using software program to help track service needs and completions.

Fleet Maintenance Highlights

- *Integrated "Fleet Maintenance Pro" software program to improve preventative maintenance and repairs; data collection for more accurate budget projections*
- *Decommissioned 1992/1962 Pierce Arrow Snorkel from active service*
- *Commissioned 2016 Horton/Ford Type I ambulance to service at Fire Station #2*
- *Compartment fabrication on Squad 416 for water rescue equipment configuration*
- *Transitioned fleet maintenance management from designated Emergency Vehicle Technician position to general oversight by Deputy Fire Chief*

Building and Facilities Maintenance

Channahon Fire Protection District maintains two fire stations and their internal infrastructures. Each station has their own unique designs and features which require continual maintenance and upkeep. The Deputy Fire Chief oversees building maintenance projects and see they are completed in timely and quality fashions.

Building Maintenance Highlights

- *Tuck-pointed brick at Station #1 Hose Tower*
- *Replaced apparatus floor epoxy finish at Station #1*
- *Seal coated parking and out lots at both fire stations*
- *Compartment fabrication on Squad 416 for water rescue equipment configuration*

CLOSING

The Channahon Fire Protection District will continue to strive towards innovative and unique service delivery. Our organization will maintain a proactive approach to the challenges and trends that currently and have the potential to influence our service ability. Our staff and community remain the priority in our mission of premier service.

Regardless of what lies in the future, our approach is to embrace the challenges and harness the opportunities that may be presented. Our progression is goal driven and performance based. We will expound on our visions and commit ourselves to steady improvements resulting in a constant refinement of methods to best serve our community.

On behalf of the Channahon Fire Protection District Board of Trustees, Executive Fire Leadership, Administrative Support, and Operations Staff, thank you for allowing us the privilege to serve you, the Channahon Community.

