Xenia Township Fire Department

Date: **February 20, 2020**

To: **Xenia Township Board of Trustees, Alan Stock**

From: **Chief Gregory E. Beegle**

RE: **2019 Year in Review**

In 2019, Xenia Township Fire received a total of 1,162 calls for service. An increase of 20 calls from 2018. This summary will provide a breakdown of the manpower utilized throughout the year, calls for service, and an analysis of our times and locations for activity.

Full Time

2019 was the seventh year in which our 3 full-time employees provided a reliable base for our daily coverage. However, in January and February of 2019, two full-time vacancies existed, and the third full-timer was on medical leave. Our part-time staff provided the staffing that was necessary for all of January and partially through February. We returned to full staff on February 26, 2019, with the addition of FF/Paramedic Friesen. The combination of part-time and full-time staffing was beneficial in meeting our staffing needs. Of the 1,062 calls for service, our full- time employees responded as follows:
Kelly Hines – 298 calls, 25.65%
Hannah Conley – 279 calls, 24.01%
Aletha Friesen – 251 calls, 21.60%

Part Time

Our number of part-time employees ranged from 31 at the beginning of the year, to 32 at year's end. This work group consisted of our Captains and two of our Lieutenants. The total hours worked for our part-time staff totaled 22,334.

In 2019, The Board of Trustees approved an incentive program for part-time employees, based on the total number of hours worked for the year. The incentives consisted of $500 at 600 hours worked, $750 at 1,000 hours worked, and $1,000 at 1,400 hours worked. The incentive program offered an effective motivation for employees to maximize their participation, in turn, improving the fire department's ability to staff our stations. The employees receiving incentives in 2019 were: Tony Albertini, Katie Boyd, Jordan Brennaman, Justin Comer, Wade Davis, Logan Surls at 600 hours. Jason Evans, Tim Hines, Danny Schrand at 1,000 hours, and Hunter Bradford, Tyler Castle, Ed Harper, Brian Miller, Shawn Richter, Carl Schneider at 1,400 hours. The total incentive paid for 2019 was $27,250.

Paid on Call and Volunteer
Our Paid-on Call staff of six employees worked a total of 1,206 hours for the year.

Promotions
It was decided that in February 2019, due to department needs and recent vacancies, that three Officer positions would be filled. Chief Dean Fox, Deputy Chief Beegle, and Captain Surls conducted interviews with three employees. Ed Harper was promoted to Captain, Jason Evans and Shawn Richter were promoted to Lieutenant. Each existing Officer and newly appointed Officer were given specific parameters and job responsibilities, to manage for the department. In September 2019, Lieutenant Tim Hines stepped down as Lieutenant, creating a vacancy that as yet to be filled.

Chief's Retirement
Chief Dean Fox announced his intention to retire in early 2019. He set a retirement date of May 2019, which signified over 30 years of service to Xenia Township and the fire department. Chief Fox retired in early May and Deputy Chief Greg Beegle was named as interim Chief.

Chief Appointment
On September 19, 2019 Interim Chief Greg Beegle was appointed as the permanent Chief. Chief Beegle was sworn in on November 7, 2019, having his badge pinned on by his uncle, retired Chief Cliff Beegle.

Fire Responses
In 2019, Xenia Township Fire responded to 1,162 calls for service. Of those calls, 574 were of a nature that was considered "Non-EMS." A report of all of our call types is attached in the appendix. Our top three categories were: Good intent calls and cancelled en route – 194, Fires – 70, and Motor Vehicle Crashes – 153.

Dollar Loss
In 2019, Xenia Township Fire experienced a low to moderate dollar loss throughout the year, compared to 2018, 2017, 2016, 2015, 2014, and 2013. In 2019, there were 16 incidents that resulted in dollar loss in Xenia and Caesarscreek Townships. The total losses were $190,450 compared to$469,834 in 2018, $787,170 in 2017, $22,650 in 2016, $109,950 in 2015, $353,550 in 2014, and $1,497,300 in 2013. A detailed report by incident is attached in the appendix.

EMS Responses
In 2019, Xenia Township Fire received 1,162 calls for service. Of those calls, 588 were EMS in nature. We encountered 589 total patients, transporting 456 of them. A report of the transport destinations for all our patients is attached in the appendix. Our top four hospital destinations were: Greene Memorial Hospital – 368, Miami Valley Hospital – 16, Soin – 40, Miami Valley South – 13.

Fire Inspections
In 2019, Xenia Township Fire conducted 120 fire inspections within Xenia and Caesarscreek Townships. In 2018 we completed 112, in 2017 we completed 138, in 2016 we completed 155, in 2015 we completed 189, and in 2014 we completed 167. Lieutenant Brian Miller assumed management of the inspection program for Xenia Township Fire. The inspections were completed through the efforts of Justin Kelly, Josh Smith, Lieutenants Brian Miller, Kelly Hines, Jason Evans, Captains Logan Surls, and Ed Harper. Highlights for the year included seventh

round inspections of all buildings on the Central State University campus and inspections at Wilberforce University. All our staff are to be commended for the improved accomplishments in Fire Inspections, which lead directly to a reduction in the hazards that may be of threat to life safety.

Training

Xenia Township Fire provides monthly fire and EMS training, provided through a combination of in-house instructors and guest instructors from outside agencies. Guest instructors for 2019 came from Kettering Health Network and Premier Health. The total number of training hours recorded for Xenia Township Fire Department employees was 924.50 hours. Captain Logan Surls and FF/Paramedic Hannah Conley have organized many of the training activities and should be commended for their service in improving the skills and abilities of our employees.

Vehicle Maintenance

Both Xenia Township Fire and Road Departments continued to develop an internal process for addressing vehicle maintenance and repair needs in-house. Captain Ed Harper was tapped as the fleet manager and began a process of evaluating the department's needs and addressing issues within his skill set. Superintendent Jim Pile and the other Road Department employees completed significant upgrades to existing apparatus and implemented an effective computer-based maintenance program so that accurate records could be maintained for all Xenia Township equipment. One of the Road Department's accomplishments in 2019 was the upgrade and replacement of several lights for Engine 51. The timing of these repairs could not have been better, as this Engine was used extensively during the tornado that occurred on May 27, 2019. The results of these improvements and many others throughout the year, completed in-house, equate to cost savings for Xenia Township in the tens of thousands of dollars.

New Apparatus

Xenia Township received a new Rescue/Engine to replace Engine 52. Sutphen Fire Apparatus completed the build and Rescue/Engine 52 was placed in service April 2019. The new apparatus can carry 1,000 gallons of water, 20 gallons of Class A foam, resources for performing technical rescues, as well as a full complement of hydraulic rescue tools. The purchase of the new Engine allows the elimination for at least two pieces of apparatus currently maintained by Xenia Township. Rescue 52 and at least one reserve Engine was designated as obsolete.

As part of improving Xenia Township Fire Department's ability to respond effectively to various calls for service, a new paradigm has come into fruition. The Department is best served by having two Rescue capable Engines available to service our community. Engine 51 was modified to carry battery-powered rescue tools and has improved functionality on the scene of motor vehicle accidents. Rescue/Engine 52 stands ready with on-board hydraulic rescue tools and a compliment of additional rescue resources such as rope and a stokes basket.



Apparatus Use

Below is a breakdown of apparatus use over the last three years, 2017-2019. As you can appreciate, our Medics are called upon by far more than any other pieces of apparatus in our fleet.

	2019	2018	2017	Total
ATV 51	10	9	3	**22**
Brush 51	31	31	26	**88**
Brush 52	29	25	24	**78**
Battalion 50	47	61	83	**191**
Boat 51	4	3	3	**10**
Chief 50	177	177	151	**505**
Chief 51	35	103	46	**184**
Engine 51	213	150	162	**525**
Engine 52	112	131	149	**392**
Engine 52R	9	0	0	**9**
Engine 53	17	43	5	**65**
Medic 51	562	558	415	**1535**
Medic 52	337	376	359	**1072**
Medic 53	11	29	158	**198**
Rescue 52	6	25	21	**52**
Squad 51	2	5	3	**10**
Tanker 51	22	26	17	**65**
Tanker 52	34	27	20	**81**

Mutual Aid

Xenia Township Fire responded to 258 calls for Mutual Aid from other jurisdictions. A breakdown by department reveals the following call volume. A detailed report is attached in the appendix.

Mutual Aid Given By Xenia Township Fire				
January - December 2019				
Department Name	Fire Calls	EMS Calls	Cancelled	Total
Beavercreek Township	3	2	2	7
Bellbrook	0	0	1	1
Cedarville Township	3	0	1	4
Chester Township	0	1	0	1
Clearcreek Township	1	0	0	1
Miami Township	9	17	17	43
New Jasper Township	1	5	2	8
Silvercreek Township	0	0	2	2
Spring Valley Township	4	24	10	38
Sugarcreek Township	0	1	2	3
Wayne Township	1	0	0	1
Xenia City	21	57	118	196
Total	43	107	155	305

Xenia Township Fire received mutual aid from our neighboring departments on 140 calls of our own. 71 mutual aid calls were in District 51 Xenia Township North, 56 in District 52 Xenia Township South, and 11 in District 53 Caesarscreek Township. A detailed listing is attached in the appendix. The information is not broken down by department or call type. We receive assistance in the form of Automatic Aid whenever calls for service are received that are significant and require considerable resources from the beginning, such as structure fires. Mutual aid is assistance that is requested after arrival on the scene, and the determination is made that more help is needed. If there are any questions regarding a specific response, please contact the Fire Chief for further explanation.

Calls by District and Time Analysis

Xenia Township Fire records its responses based on day of week and hourly parameters. The jurisdiction is also broken down into districts that include Station 51 Xenia Township North, Station 52 Xenia Township South, Caesarscreek Township, and Mutual Aid. Below is a summary of the District Analysis in 12-hour increments, and weekday verses weekend parameters. According to these results, 72% of our call volume occurs Monday through Friday. A detailed listing is attached in the appendix.

Time, Day, and District Analysis for Fire and EMS Responses					
January - December 2019					
District	M - F 0700-1900	M - F 1900-0700	Sat -Sun 0700-1900	Sat -Sun 0700-1900	Total
Station 51	244	152	91	64	551
Station 52	92	62	37	25	216
Caesarscreek Township	44	22	17	6	89
Mutual Aid	166	55	56	29	306
Total	546	291	201	124	1162

Financial Investment

Capital Purchases & Employee Development Expenses for Xenia Township Fire Department	
2019	
New Rescue Kits	$650
Engine 52 Modifications	$19,000
New Protective Clothing	$8,500
New Hose Rack Station 52	$500
Engine 52 Intake Upgrade	$1,790
Officer Development – (Fire Officer Academy)	$1,225
Station Alerting Upgrade	$10,588
Engine 53 Repairs to Keep in Service	$13,565
Fire Training – (FF 2, Fire Inspector)	$4,000
Fire Pump Tanker 51	$5,000
Portable Generator	$950
Total Investment	$65,768
Grants Received for Xenia Township Fire Department	
2019	
Xenia Township FF & Community Association – New Kubota	$22,880
Ohio Fire Training Grant	$1,070
Ohio Division of EMS Electronic Tablet Grant	$500
EMS Training and Equipment Grant	$3,144
Grant Total	$27,594

It is with great pride that the accomplishments of the men and women of the Xenia Township Fire Department are summarized in the previous pages. Although these statistics are the measurable components of our productivity, what is not documented are the hours spent by the paid and on call staff for the time they have spent on station, waiting, completely prepared for a response with their training, equipment, and experience. There are countless individual accomplishments regarding department projects including hose testing, vehicle transportation, asset inspection, and other tasks that are just as valuable to our organization's success as meeting the calls for service that we respond to.

We greatly appreciate the support that the Board of Trustees has shown in our leadership and look forward to progressing on future endeavors through the combined contributions of the Xenia Township Administrator, Fiscal Officer, Road Superintendent, and all employees of Xenia Township.