

URBANA

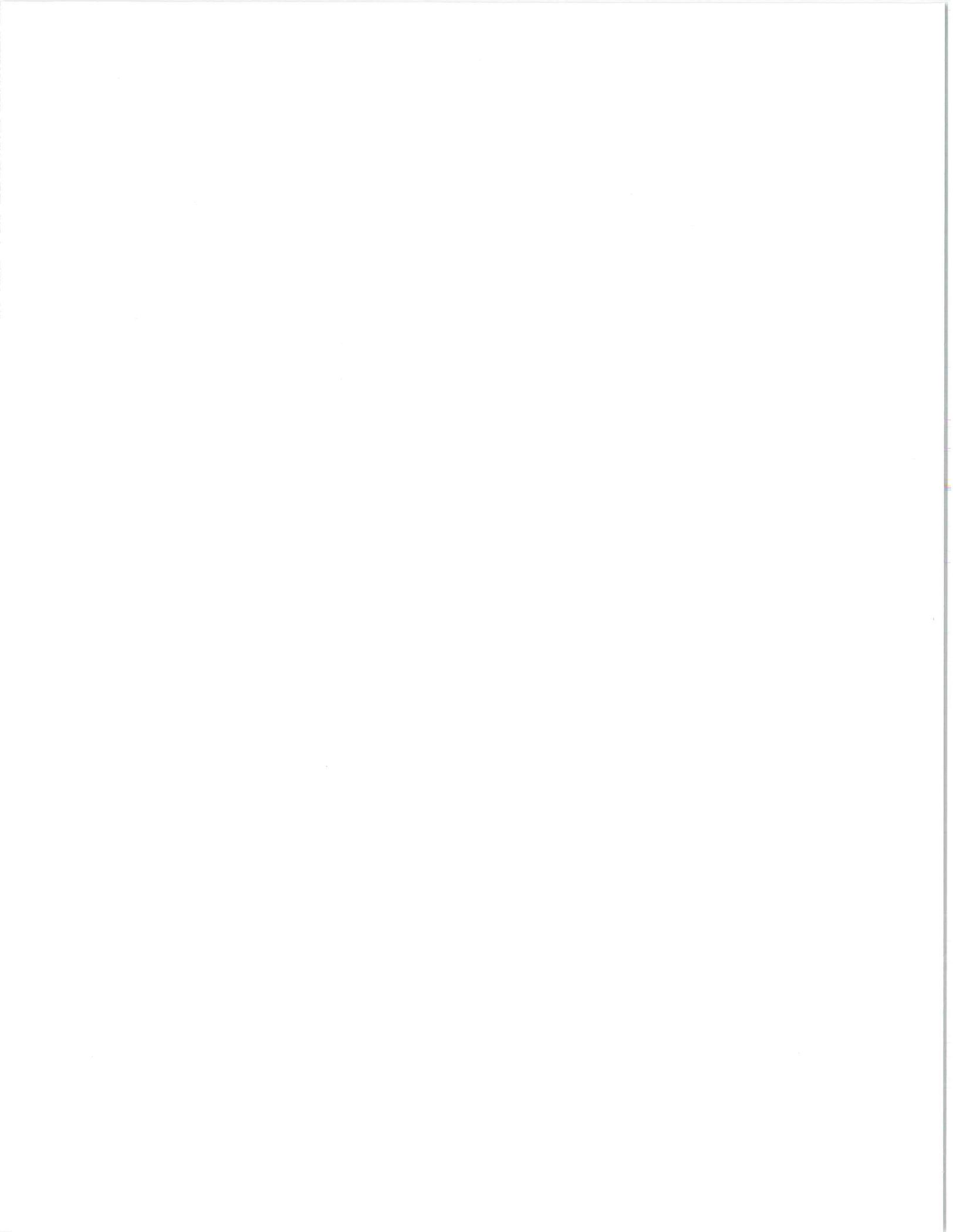


FIRE DIVISION



Annual Report

2015





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Mark E. Keller, Chief

Mayor Bill Bean
Director of Administration Kerry Brugger
Members of City Council
Citizens of Urbana

Ladies and Gentlemen,

Submitted herewith is the Annual Report of the Activities of the Urbana Fire Division for the year 2015.

Figures contained in this report have been gathered throughout the year from daily reports and are as factual as daily operations permit.

Overall 2015 was a good year and the members of the fire division continue to work diligently to be both cost effective and efficient. We continue to struggle with staffing issues this year with two positions that we are unable to fill due to budget deficiencies. We applied for a new Staffing for Adequate Fire and Emergency Response (SAFER) Grant from the United States Department of Homeland Security and we were awarded over \$305,000.00 to fill the two open positions. This will bring our staffing levels back to normal levels for at least two years. The requirement for the grant is that the City of Urbana agrees to maintain our staffing levels at our normal level for at least two years. Our last SAFER Grant was able to be slightly extended due to vacancies that occur throughout the two year period and the time in between that it takes to fill positions.

In 2015 we had one retirement and one resignation. In May of 2015 Firefighter/Paramedic Adam Puhl tendered his resignation to take employment with the Huber Heights Fire Division. Adam lives in Huber Heights and determined that making this transition would be better for him and his family. Adam had three and a half years with the Urbana Fire Division. Captain Phillip Kellenberger retired on October 24, 2015 with nearly 27 years of service to the Urbana Fire Division. Both of these gentlemen brought a great deal of experience and knowledge to the fire division that will be hard to overcome in the future. We hired Firefighter/Paramedic Thad Davis to replace Adam Puhl in May of 2015 and Firefighter/Paramedic Ralph Bowman to replace Captain Kellenberger. In late 2015 we hired Firefighter/Paramedic Adam

Nitchman to fill one of the SAFER positions and we will hire for the second SAFER position after the promotion of a new Captain to replace Captain Kellenberger.

We continue to identify that our ambulance billing is dropping year after year. We have determined some of the causes: First our current billing company is not living up to their promises. This contract will end on February 1, 2016 when a new company will be contracted to collect our ambulance revenue. Secondly, the overall economic environment in this country is not what it used to be. More and more of our patients are covered by either Medicare or Medicaid health insurance. These two insurance providers only pay a very small portion of an ambulance bill and we are not authorized to collect any more than what they pay. This now accounts for over 50% of our patient health care insurance providers. Of course this is not a local issue but a national issue.

The I-pads that we began using in 2014 are becoming more useful for providing improved resources. The I-pads continue to be used to complete our patient care reports that are then uploaded to the State EMS Board as well as our billing company. We also, use the I-pads as a notification device. When a call comes in the information from dispatch is sent to the I-pad where we can see the address, cross streets and can map the response to the location of the call. When using the maps, we can see all of the fire hydrants locations and how much water we can get out of them. The maps also allow us to locate key lock boxes, fire department connections and have an attached pre-plan for the building. The I-pads also have an application that allows us to look up hazardous materials and several resources to use to determine our actions, safety precautions such as evacuation radius and in some cases provide us the chemical properties and vast amount of technical information on the chemicals.

Our township contracts were set to end on December 31, 2015 unless new contracts were signed. We came to agreement for successor contracts into the future. We signed a 3 year contract with Urbana Township and a 5 year contract with both Salem and Concord Townships. The Concord Township contract is simply for EMS protection only. We are proud to serve these residents and provide fire and EMS protection for them.

We continued to have luck with our grant applications in 2015. We received a United States Homeland Security Assistance to Firefighters Grant in the amount of \$60,500 to purchase new and retro fit our current rescue tools. We have set Engine 1 up as a rescue unit with the new tools. Engine 1 now carries new cutters, spreaders and multiple sized rams. The cutters and spreaders are attached to two 100 foot hose reels that allow us to deploy these tools very rapidly. We can begin cutting on a vehicle within 3-5 minutes after arrival. Our old set up caused us to carry an 80 pound power unit to the vehicle then attach the hoses to the power unit and the tools. This was very time consuming and delayed patient care. Along with the new tools we received a new style of cribbing that easily stored in Engine 1. Engine 4 is equipped with new and upgraded rescue tools as well. We also received an Ohio Bureau of Workers Compensation Grant for \$40,000 to purchase new cots and power load systems for two of our ambulances. These will help prevent injury to our employees and the public who may have to be on them. The power load system

has a G-Force rating of up to 15 Gs. Meaning that if the ambulance was involved in a crash the cot will not disconnect from the base until 15 Gs of force are applied to it.

These items are just a few examples of projects going on at the Urbana Fire Division. We constantly strive to make improvements when possible. We plan to continue to do so into the future.

I would like to thank Audra Bean from CRSI, Dwight Paul At-Large City Councilman and Brian Nicol from Peoples Saving s Bank and the Urbana Paramedic Board for attending the Feel the Heat Course at the Ohio Fire Academy this year. This course shows officials what firefighter's jobs are like and what they have to be able to do when placed in an emergency situation. Finally, I would also like to thank the Fire Officers and Firefighters of the Urbana Fire Division for their loyalty and cooperation during the past year.

Respectfully Submitted,

Mark E. Keller

Mark E. Keller, Chief

FEEL THE HEAT 2015



Audra Bean

Dwight Paul

Brian Nicol

FEEL THE HEAT 2015



Table of Contents

ADMINISTRATIVE

2015 Executive Summary
Look into the Future
Staff Profiles

FIRE PREVENTION BUREAU

Public Education
Fire Prevention Activities
Inspection Activities
Fire Investigations

FIRE DATA

NFIRS Program
NFIRS Data Collection Process
EMS Data Collection Process
Breakdown of Fires and Other Incidents 2015
Breakdown of False Alarms Responses 2015
Leading fire causes 1996-2015
Areas of Fire Origin Summary 1996-2015
Total Incidents 1996-2015
Alarm Time Analysis 1996-2015
Incidents by day of week 1996-2015

APPARATUS AND MAINTENANCE

Medic 1	Brush 1
Medic 2	Chief 1
Medic 3	Chief2
Engine 1	Utility 1
Engine 2	Squad 4
Truck 1	Haz Mat 1
Engine 4	Fire Safety Trailer
Tanker 1	

Administrative

Prepared by Chief Mark E. Keller

Urbana Fire Division 2015 Executive Summary

	2015	2014	2013	2012	2011	2010	1996
EMS Runs	1797	1849	1795	1799	1708	1731	1363
City	1447	1468	1424	1474	1388	1385	1008
Urbana Township	257	280	266	257	228	238	213
Salem Township	64	56	40	18	38	28	44
Concord Township	5	24	12	NA	NA	NA	NA
Union Township	NA	NA	41	29	41	43	33
Mad River Township	NA	NA	NA	NA	NA	16	35
Mutual Aid	24	21	12	21	13	21	11
Motor Vehicle Acc.	144	119	117	113	141	154	NA
City	64	60	60	55	81	76	NA
Urbana Township	57	39	32	40	40	52	NA
Salem Township	13	13	12	6	9	8	NA
Concord Township	1	1	1	NA	NA	NA	NA
Union Township	NA	NA	6	6	6	7	NA
Mad River Township	NA	NA	NA	NA	NA	5	NA
Mutual Aid	9	6	6	6	5	6	NA
Fire Runs	501	483	408	448	446	515	484
City	372	369	300	322	334	380	382
Urbana Township	71	63	75	76	62	71	66
Salem Township	22	16	10	9	8	7	18
Concord Township	NA	NA	NA	NA	NA	NA	NA
Union Township	NA	NA	10	14	10	16	8
Mad River Township	NA	NA	NA	NA	NA	13	5
Mutual Aid	36	35	13	27	32	28	12
Total Runs	2442	2451	2320	2360	2295	2400	1847
Fire Loss/Saved Est.							
City	\$123,575	\$229,547	\$136,870	\$398,826	\$476,800	\$928,341	\$101,100
Rural	\$116,350	\$70,295	\$51,951	\$58,320	\$55,600	\$183,000	\$131,605
City Property Saved	\$14,437,500	\$2,044,485	\$3,065,390	\$1,333,249	\$1,346,500	\$4,173,766	UNK
Rural Property Saved	\$101,700	\$3,456,420	\$761,000	\$160,530	\$60,400	\$452,345	UNK
Receipts							
EMS Receipts	\$354,620	\$383,110	\$390,508	\$424,870	\$405,620	\$432,204	\$91,160
Township Contracts	\$307,768	\$277,149	\$288,683	\$215,979	\$174,105	\$208,866	UNK
Grants	\$106,000	\$199,075	\$83,654	\$112,394	\$98,689		NA
Statistics							
Training Hours	6173	6498	5826	5618	6104	6023	7138
Vehicle Maintenance Hours	44	117	140	169	28	45.5	UNK
Initial Inspections	71	74	134	192	77	120	155
City Re-inspections	45	69	84	179	9	9	UNK
Consultations	81	73	40	85	15	24	UNK
Lectures/Tours	12	18	12	28		10	90
Number of Adults	162	226	90	172		75	553
Number of Children	1485	1327	1634	2623	1306	397	581
Vacation Hours Used	4111	3903	4218	3848	5018	4273	3767

Urbana Fire Division 2015 Executive Summary

Sick Hours Used	2262	1708	2238	*4191	*3641	2153	968.5
Comp Hours Used	1097	986	785	936	1017	1011	UNK
Personal Hours Used	1175	906	**1636	548	722	633	UNK
Duty Overtime Hours	498	558	503	603	1142	1926	1640
Minimum Staffing Overtime	1131	***1654	67	16	197	70	UNK
Training Overtime Hours	52	63	74	220	294	24	2166
Holiday Hours Earned	1200	1761	2115	1994	1699	1783	2155

*Several members had injuries, illnesses or family illnesses again this year that caused an increase in sick leave use.

**Personal Time use has increased due to a policy change that requires a 72 hour notice prior to using Vacation or Comp Time. Personal Time is the only allowable time off with less than 72 hours' notice.

***Minimum Staffing increase due to 4 retirements and several members on extended injury leave at the same time.

1996 was the first year we began electronic reporting and tracking our information. This shows a good comparison of where we were in the past and our current status. AS you can see we tracked

A Look into The Future

2016

During 2016 the fire division will be working on several projects for the year.

1. We plan to purchase a new ambulance in 2016. We are in desperate need of a new unit due to our aging fleet of ambulances and the mechanical problems we have faced with our newest unit, the 2007 International/Horton ambulance. We will also look at our options as far as replacing or mounting a new chassis under the box on this ambulance.
2. We will continue to look into and find grants to help supplement our budget for both operational needs as well as for capital purchases. WE were awarded the Staffing for Adequate Fire and Emergency Response Grant in 2015 and we will make every attempt to meet the requirements of maintaining our full staffing during the grant process which is at least 2 years.
3. We will be changing our Emergency Medical Services Billing Company in an attempt to maximize our revenue from insurance companies, Medicare and Medicaid. We have seen drastic decreases in our revenue for the past 4 years mainly due to the economy. We will also be watching as the EMS billing standards, set by the Center for Medicaid and Medicare Services, change from a fee for service system to a value based billing system currently used by other healthcare providers.
4. Emergency Medical Services will also begin to change over the next several years due to Ohio legislation this past July that allows trained paramedics and Emergency Medical Technicians to provide non-emergency care to patients. This new concept is called Community Paramedicine and will allow our medical personnel to make house calls on certain patients. The new system, still in development by the State of Ohio, would allow us to go to a patient's house after they were discharged from the hospital to do follow-up care and then give updates to their primary care physician. This care may involve ensuring the patient is taking their medications properly, doing an assessment at their homes to make sure they are safe (trip hazards, cooking hazards, accessibility, etc...). This care will be limited to patients who have difficulty following doctor's orders, congestive heart failure patients and cardiac patients and patients with major fractures of their hips. There will be more news to come on this issue in the future.

We will strive to improve our operating efficiency both in-house and how we can improve our working relationships with other city departments and other emergency responders, such as police, fire, EMS, Utility companies.

2017 and beyond

We will continue to look at new technology and make improvements when financially possible. Both the utility Truck and Chief 2 vehicle are starting to show a lot of wear and tear so we will look into replacing one of these vehicles in 2017 and the other in 2018. Between 2018 and 2019 we will begin to prepare specifications for a new engine to replace both our current Engine 2 which is 32 years old and Engine 4 that will be 21 years old. We will set the new engine up for primarily fire response and use current Engine 1 as primarily a rescue engine. They both will be interchangeable if the need arises. We hope to make this purchase using the 2018 or 2019 Assistance to Firefighters Grant Program. This grant will not pay the 95% like the other AFG Grants we have received but it should be at least half or a little more.

Staff Profiles

Chief Mark Keller

Appointed to Division March 1, 1992
 Promoted to Captain June 13, 2007
 Promoted to Chief September 15, 2011
 A.A American Intercontinental University

Staff Duties

Champaign County Fire Chiefs
 Champaign County Communications Center – Operations Board
 Champaign County EMA Executive Board
 Champaign County LEPC Executive Board - Chairman
 Champaign County Homeland Security Executive Board - Chairman
 Champaign County Coordinator-Ohio Fire Chiefs Emergency Response Plan
 Box 13 Liaison

Specialties

Ohio Firefighter Level II	Ohio Paramedic
Fire Service Instructor	Fire Investigator
Certified Fire Safety Inspector	Haz Mat Technician

Assistant Chief Jeff Apser

Appointed to Division March 1, 1992
 Promoted to Assistant Chief January 11, 2012
 BSN Chamberlain College
 A.A.S. Clark State Community College (EMS)
 A.A.S. Clark State Community College (RN)

Staff Duties

Fire Prevention Officer	Training Officer
EMS Officer	Lead Fire Investigator
Digital logistics	

Specialties

Ohio Firefighter Level II	Ohio Paramedic
Haz Mat Technician	CPR Instructor
EMS Instructor	Fire Investigator
Certified Fire Safety Inspector	Child Car Seat Inspector

Captain James Freeman

Appointed to Division June 3, 1985
 Promoted to Captain July 20, 1991
 B.S. University of Cincinnati
 A.A.S. Sinclair Community College

Staff Duties

NFIRS Program Manager	Network Administrator
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Specialties

Ohio Firefighter Level II	Ohio Paramedic
Certified Fire Safety Inspector	Fire Investigator

Captain Jerry Kirk

Appointed to Division March 1, 1992
 Promoted to Captain August 25, 2014
 Bachelor Mortuary Science
 A.A.S. Sinclair Community College

Staff Duties

Maintenance Officer

Specialties

Ohio Firefighter Level II

Ohio Paramedic

Certified Fire Safety Inspector

Captain Jason Croker

Appointed to Division July 8, 2004
 Promoted to Captain February 13, 2016
 A.A.B Clark State Community College

Staff Duties

Grant Writer

NFIRS/EMSIRS Data Management

Specialties

Ohio Firefighter Level II

Ohio Paramedic

Certified Fire Safety Inspector

Fire Officer 2

Fire Service Instructor

FF/PM Dean Edwards

Appointed to Division June 18, 1984
 Senior Firefighter, B Unit

Staff Duties

Haz Mat Program Instructor

Specialties

Ohio Firefighter Level II

Ohio Paramedic

Haz Mat Technician

River Rescue Specialist

Rope Rescue Specialist

Certified Fire Safety Inspector

Fire Service Instructor

SCUBA Diver

FF/PM Brett Evilsizor

Appointed to Division November 3, 1986
 Senior Firefighter, C Unit

Specialties

Ohio Firefighter Level II

Ohio Paramedic

Public Fire Educator

EMS Instructor

Fire Investigator

Certified Fire Safety Inspector

FF/PM John Dale

Appointed to Division June 1, 1991
 B.S. Urbana University
 A.A. Ohio State University
 Senior Firefighter, A Unit

Specialties

Ohio Firefighter Level II

Ohio Paramedic

Certified Fire Safety Inspector

Fire Service Instructor

FF/EMT Ron Lyons

Appointed to Division June 27, 1991

Specialties

Ohio Firefighter Level II

Ohio Emergency Medical Technician-Basic

Certified Fire Safety Inspector

Public Fire Educator

FF/PM Barry Wolf

Appointed to Division March 1, 1992

Staff Duties

EMS Logistics

Specialties

Ohio Firefighter Level II
EMS Instructor
PALS InstructorOhio Paramedic
Certified Fire Safety Inspector
Fire Investigator**FF/PM Chris Jones**

Appointed to Division June 1, 1992

Staff Duties

Hydrant Records

UFD Historian

Specialties

Ohio Firefighter Level II
Haz Mat TechnicianOhio Paramedic
City Water System**FF/PM Chris Logan**

Appointed to Division August 9, 1993

Staff Duties

Rescue Coordinator

Confined Space Coordinator

Specialties

Ohio Firefighter Level II
Haz Mat Technician
CPR Instructor
Certified Fire Safety InspectorOhio Paramedic
Rope Rescue Specialist
Child Car Seat Inspector
Fire Service Instructor**FF/PM Eric Beverly**

Appointed to Division September 25, 1999

Staff Duties

Key Box Coordinator

Vehicle and Equipment Maintenance

Specialties

Ohio Firefighter Level II
Certified Fire Safety Inspector
Fire Safety EducatorOhio Paramedic
Fire Investigator
Bagpiper**FF/PM Brian Joyce**

Appointed to Division May 7, 2002

Specialties

Ohio Firefighter Level II
Haz Mat Tech
Certified Fire Safety InspectorOhio Paramedic
Assistant Fire Instructor**FF/PM Chad Countryman**

Appointed to Division June 11, 2007

Staff Duties

SCBA Maintenance

Union President

Specialties

Ohio Firefighter Level II
Certified Fire Safety Inspector
Auto Extrication TechnicianOhio Paramedic
Haz Mat Technician**FF/PM Tyler Wolf**

Appointed to Division July 20, 2011

Specialties

Ohio Firefighter Level II
Certified Fire Safety Inspector

Ohio Paramedic

FF/PM Ryan Williams

Appointed to Division November 14, 2011
 A.A.S. Sinclair Community College

Specialties

Ohio Firefighter Level II
 Certified Fire Safety Inspector

Ohio Paramedic
 Haz Mat Technician

FF/PM Parker Robison

Appointed July 28, 2014

Specialties

Ohio Firefighter Level II
 Haz Mat Technician

Ohio Paramedic

FF/PM Jonathan De Cola

Appointed September 2, 2014

Specialties

Ohio Firefighter Level II
 Haz Mat Tech

Ohio Paramedic

FF/PM Thad Davis

Appointed to Division May 26, 2015

Specialties

Ohio Firefighter Level II
 CPR Instructor

Ohio Paramedic

FF/PM Ralph Bowman

Appointed to Division December 7, 2015

Specialties

Ohio Firefighter Level II
 Fire Service Instructor
 Rope Rescue Operations

Ohio Paramedic
 Certified Fire Safety Inspector
 CPR Instructor

FF/PM Adam Nitchman

Appointed to Division December 21, 2015

Specialties

Ohio Firefighter Level II
 Fire Service Instructor

Ohio Paramedic
 Advanced Fire Investigator

Chaplin Timothy West

Appointed to Division September 2, 2003
 D. Min. Fuller Theological Seminary
 M.A. University of San Francisco
 M. Div. Church Divinity School of the Pacific
 B.A. University of California at Santa Barbara

Specialties

Licensed Professional Clinical Counselor – Supervisor Counselor
 Licensed Independent Chemical Dependency Counselor – Clinical Supervisor
 National Certified Counselor
 Clinical Incident Stress Management Training
 Training in Mediation, general and divorce mediation
 Member of American Counseling Association
 Ohio Federation of Fire Chaplains

2015 RETIREES

Captain Phillip Kellenberger Appointed to Division January 3, 1988
Promoted to Captain June 5, 1995
Retired October 24, 2015
A.A.S. Sinclair Community College



Specialties

Ohio Firefighter Level II
Certified Fire Safety Inspector
Fire Service Instructor

Ohio Paramedic
Fire Investigator

2015 RESIGNATIONS

FF/PM Adam Puhl

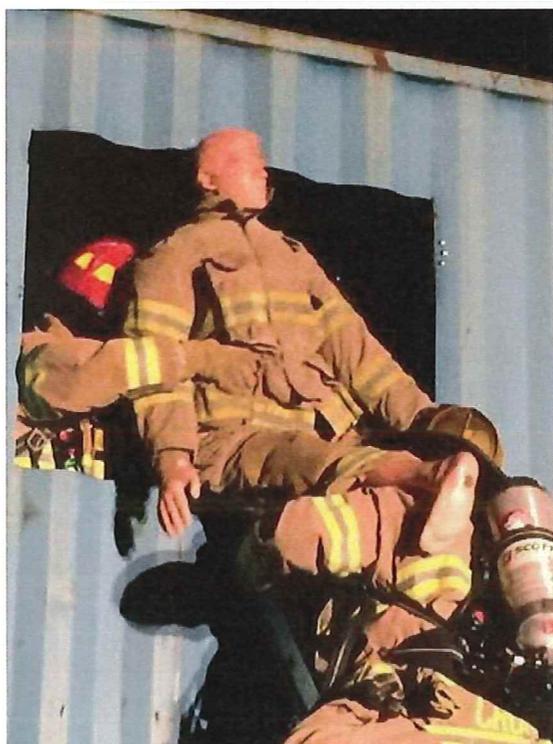
Appointed to Division July 2, 2011
Resigned May 11, 2015 to go to Huber Heights Fire Division
B.S. The Ohio State University

Specialties

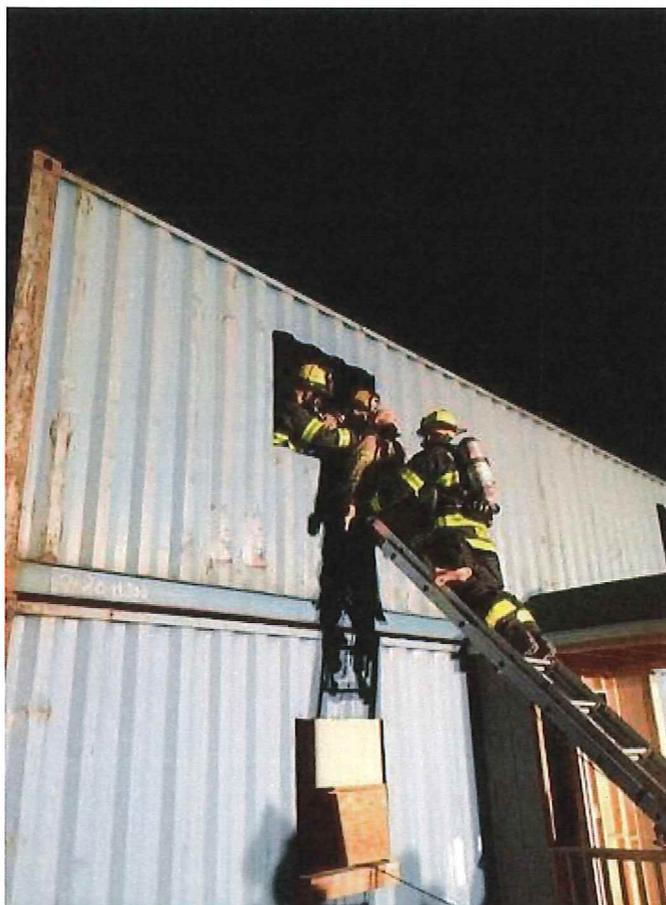
Ohio Firefighter Level II
Certified Fire Safety Inspector
EMS Instructor

Ohio Paramedic
Fire Service Instructor
Ohio Region 3 Rescue Strike Team

TRAINING 2015



TRAINING 2015



TRAINING 2015



Fire Prevention Bureau

Prepared by Assistant Chief Jeff Asper

Fire Prevention Bureau

The focus of the Urbana Fire Prevention Bureau is to prevent loss of life and personal property from the effects of unfriendly fire. This goal is accomplished through effective public education, administering fire codes and standards, and conducting regular building inspections. With these specific activities, the fire division will decrease the number of fires and the severity of those that occur.

The Urbana Fire Prevention Bureau consists of the Assistant Fire Chief and three shift Fire Safety Inspectors. The three shift inspectors work 24 hour shifts, function as firefighters/medics, and have the additional duty as Fire Safety Inspectors. The following duties and responsibilities are assigned to the Urbana Fire Prevention Bureau:

- Assistant Chief is responsible for administering and supervising the duties and operations of the Bureau of Fire Prevention.
- Assistant Chief is the “fill in” for the Fire Chief during his absence.
- Conducts Pre-plan building reviews.
- Plans and conducts public safety education.
- Conducts fire origin and cause investigations.
- Enforces Ohio Fire Codes in accordance with Urbana Ordinance 1505.01.
- Conducts regular building inspections.
- Conducts building and business consultations for alarm, sprinkler and fire safety features.
- Division’s Safety Officer.
- Division’s Training Officer.

Public Education

The Urbana Fire Division had another very successful year educating the public. In addition to the Fire Prevention weeks in October, we provided fire safety education to church groups, junior life guards, and extended care health facilities.

Inspection Activities

The Fire Prevention Bureau, as required in the Urbana ordinance 1501.01, has the responsibility to enforce the Ohio Fire Code. The fire code has been developed and revised over the last 175 years and exists to protect citizens lives and property against major fires. The fire code establishes basic and fundamental fire safety features, procedures and guidelines. The Ohio Fire Code states:

“provisions of this code are intended to safeguard life and property from fire and explosion and shall apply to all aspects of fire safety at any structures, building, premises, vehicles or other locations within the territorial jurisdiction of the State of Ohio.(OFC 1301:7-7-01 Sec. 101.2.2)”

The fire division, with a coordinated effort from the Champaign County Building Regulations and State Inspectors , have performed hundred of inspections, re-inspections and consultations for our local businesses. We have also provided foster home, day care and fire safety home inspections. Our goal is to inspect every business, in our jurisdiction, at least yearly. The Fire Prevention Bureau wishes to partner with each local business in order to efficiently and economically correct fire code violations, and accomplish the goal of preventing fires.

Inspection Activities:

Year:	2015	2014	2013	2012	2011	2010	2009	2008
# of Inspection Activity	219	216	304	507	246	228	395	397

Fire Investigations

In the unfortunate event that a significant fire loss does occur, the chief of a fire division, according to ORC 3737.14, has the duty to investigate the cause. The Fire Prevention Bureau has the delegated authority to determine the origin and cause of all major fire losses.

Property Values Saved vs. Fire Loss 2015

Description	2015	2014	2013	2012
City Property Saved	\$14,561,075	\$2,044,485	\$3,065,390	\$1,333,249
City Property Loss	\$123,575	\$229,547	\$136,870	\$398,826
County Property Saved	\$228,050	\$3,456,420	\$761,000	\$160,530
County Property Loss	\$116,350	\$70,295	\$51,951	\$58,320

Fire Prevention Weeks

October 6-16, 2015

October 6th – Lawnview Preschool at Local Elementary- 79 children

October 7th – Gingerbread House 50 children, YMCA 55 children

October 8th – Center for Creative Child Care 100 children

October 9th – East Elementary School 4th Graders 156

October 12th – Urbana South Elementary School 2nd Grade 164 children

October 13th – Urbana South Elementary School 3rd Grade 180 children

October 14th – Lawn View and Head Start at East Elementary School 80 Children

October 15th – Urbana North Elementary School K-1 315 Children

October 29th – Victory Christian School 33 Children

Total 1,162 Children

2015 PICTURES



Fire Data

Prepared by Captain James Freeman

Breakdown of Fires and Other Incidents 2015

A. FIRES IN STRUCTURES BY FIXED PROPERTY USE	Number of Fires	Civilian Deaths	Civilian Injuries	Property Damage
1. Private Dwellings	18	0	0	\$144,575
2. Apartments	2	0	0	50
3. Hotels and Motels	0	0	0	0
4. All Other Residential	1	0	0	0
5. TOTAL RESIDENTIAL FIRES	20	0	0	\$144,625
6. Public Assembly	1	0	0	\$100
7. Schools and Colleges	0	0	0	0
8. Health Care/Penal	1	0	0	0
9. Stores and Offices	1	0	0	250
10. Industry/Utility	5	0	0	55,650
11. Storage in Structures	5	0	0	17,000
12. Other Structures	0	0	0	0
13. TOTAL STRUCTURE FIRES	32	0	0	\$217,625
B. OTHER FIRES AND INCIDENTS				
14a. Highway Vehicles	4	0	0	\$20,500
14b. Other Vehicles	0	0	0	0
15. Non-Structure/Non-Vehicle	10	0	0	1,800
16. Brush/Grass/Wildland	1	0	0	
17. Rubbish/Dumpsters	27	0	0	
18. All Other Fires	0	0	0	0
19. TOTAL FOR FIRES	78	0	0	\$239,925
20. Rescue/Emergency Medical	1,914			
21. False Alarms	94			
22. Mutual Aid	65			
23a. Hazmat Responses	27			
23b. Other Hazardous Responses	40			
24. All Other Responses	235			
25. TOTAL FOR ALL INCIDENTS	2,449			

Note: Property loss totals include contents loss

Breakdown of False Alarm Responses 2015

TYPE OF RESPONSE	Number of Incidents
Malicious, Mischievous False Call	0
System Malfunction	51
Unintentional	43
Other False Alarms	0
TOTAL	94

Leading Fire Causes 1996-2015

The fire cause is the condition or situation that allows a heat source and fuel source to combine and start a fire. This table lists the reported fire causes for the past 20 years.

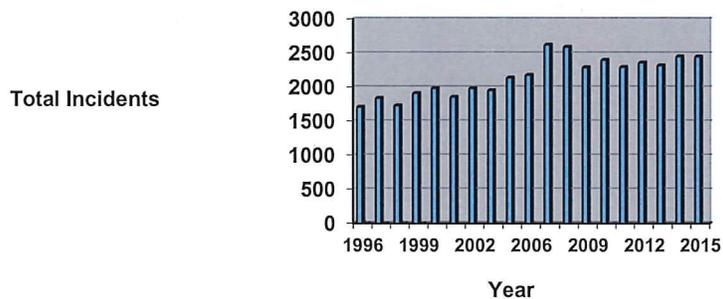
CODE	DESCRIPTION	Percent of All Fires	Total Loss	Percent of Losses
0	Cause, Other	3.87%	\$172,858	1.60%
1	Intentional	7.23%	\$697,294	6.46%
2	Unintentional	43.20%	\$3,427,250	31.75%
3	Failure of Equipment or Heat Source	24.04%	\$1,412,751	13.09%
4	Act of Nature	2.26%	\$56,951	0.53%
5	Active Investigation	6.57%	\$3,498,028	31.40%
U	Undetermined After Investigation	12.79%	\$1,530,392	14.1%

Areas of Fire Origin Summary 1996-2015

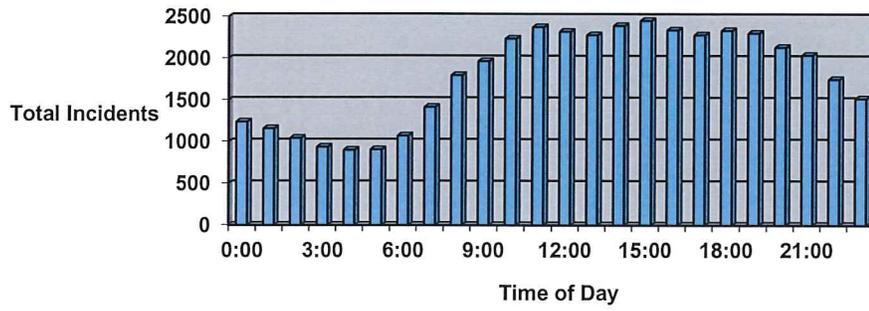
The area of origin describes the primary use of the area where a fire originated in a property. This table indicates the trends over the last 20 years. The top 10 dollar losses are included.

Code	Description	Percent of responses	Dollar Loss
UU	Undetermined	4.30%	\$1,618,398
21	Bedroom <5 persons; included are jails	3.79%	1,609,873
41	Storage room, area, tank or bin	1.17%	1,287,800
24	Cooking area, kitchen	9.41%	1,056,770
61	Machinery room or area; elevator	0.36%	604,600
14	Common room, den, family room, living room, lounge	1.68%	496,526
74	Attic: vacant, crawl space above top story, cupola	2.19%	449,537
71	Substructure area or space, crawl space	2.04%	397,910
83	Vehicle engine area, running gear, wheel area	15.54%	389,746
47	Vehicle storage area, garage, carport	1.39%	386,600

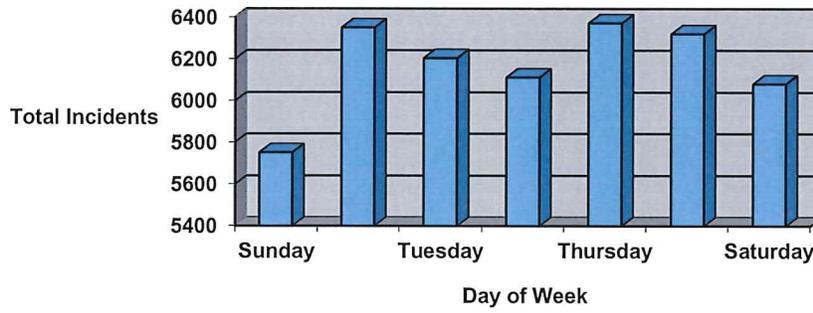
Total Incidents 1996-2015



Alarm Time Analysis 1996-2015



Incidents by Day of Week 1996-2015



2015 PICTURES



Apparatus and Maintenance

Prepared by Chief Mark E. Keller and Captain James Freeman

MEDIC 1



Owned by: City Of Urbana

Make: Horton International

Year: 2007 **Age:** 8 Years

Type: Ambulance

Mileage: 83,244

Condition: Fair

Maintenance: Cost - \$7,376 **Lifetime Cost:** Over \$39,368 (\$8,080 more in 2016 so far)

Primary Use:

Primary vehicle that responds on Emergency Medical Incident including motor vehicle crashes.

Comments:

This vehicle still experiences an unusual amount of mechanical problems in 2015 which include total brake system repair and fuel injectors replaced twice. Over this vehicles lifetime it has cost over \$40,000 in maintenance cost. Ninety percent of the cost is in the International Chassis.

MEDIC 2



Owned by: City Of Urbana

Make: Horton International

Year: 2001 **Age:** 14 Years

Type: Ambulance

Mileage: 83,464

Condition: Good

Maintenance: Cost - \$8,514 Lifetime Cost - \$16,430

Primary Use:

Secondary vehicle that responds on Emergency Medical Incident including motor vehicle crashes.

Comments:

This vehicle was purchased used in 2009 to update our ambulance fleet. The previous ambulance was purchased in 1998. The only difficulty with this unit is the fact that it has air brakes which grab very quickly when applied. This can be difficult on the patient and personnel in the back when transporting.

MEDIC 3



Owned by: City Of Urbana

Make: Horton International

Year: 1998 **Age:** 17 Years

Type: Ambulance

Mileage: 97,956

Condition: Fair

Maintenance: Cost - \$494 Lifetime Cost - \$18,134

Primary Use:

Third vehicle that responds on Emergency Medical Incident including motor vehicle crashes

Comments:

This vehicle has had some mechanical issues over the past several years and is showing signs of deteriorating. The vehicle has been very dependable but should only be used as a reserve unit or third out the door.

ENGINE 1



Owned by: City Of Urbana

Make: Pierce

Year: 2004 **Age:** 11 Years

Type: Engine with A 1500 GPM pump; Carries 750 Gallons of water

Mileage: 40,604 **Engine Hours:** 3,928.6

Condition: Excellent

Maintenance: Cost - \$3,024

Primary Use:

Primary pumping fire apparatus that responds to all fires in the City of Urbana and is the primary apparatus responding on all motor vehicle crashes.

Comments:

Engine 1 continues to be a very good vehicle with very few minor mechanical issues. Recently equipped with state of the art rescue and extrication equipment that has the ability to be rapidly deployed.

ENGINE 2



Owned by: City Of Urbana

Make: Grumman/International

Year: 1984 **Age:** 31 Years

Type: Engine with A 1000 GPM pump; Carries 600 Gallons of water

Mileage: 43,627

Condition: Poor

Maintenance: Cost - \$0

Primary Use:

Reserve fire apparatus and defensive firefighting only

Comments:

Engine 2 has never been used as a primary fire apparatus. This vehicle has barely passed pump testing for the past several years. Finley Fire, which completes pump testing, has recommended that this vehicle only be used for exterior firefighting operations. The vehicle is not reliable for life safety of citizens or firefighting personnel and is at the end of its life span.

TRUCK 1



Owned by: City Of Urbana

Make: Pierce

Year: 1997 **Age:** 17 Years

Type: Engine with A 1750 GPM pump; Carries 200 Gallons of water
100 foot aerial ladder and standpipe

Mileage: 24,878 **Engine Hours:** 3,028

Condition: Excellent **Aerial Hours:** 1,572

Maintenance: Cost - \$39

Primary Use:

Responds with Engine 1 on possible commercial and some residential fires

Comments:

Truck 1 has been very beneficial on several downtown, residential and commercial fires and has been used for silo rescues and recoveries. We will begin using this vehicle more in the future in an effort to boost our capabilities and our Insurance Services Office Rating. Mechanically the vehicle is very sound and has had only minor issues to repair.

ENGINE 4



Owned by: Urbana Township

Make: Pierce/International

Year: 1997 **Age:** 17 Years

Type: Engine with A 1250 GPM pump; Carries 1000 Gallons of water

Mileage: 62,002 **Engine Hours:** 4,306

Condition: Good

Maintenance: Cost - \$0

Primary Use:

Primary pumping fire apparatus that responds to all fires and auto accidents in Urbana Township, Salem Township and mutual aid fires in rural areas.

Comments:

Engine 4 has been a good vehicle for rural firefighting capabilities. This vehicle is close to reaching its 20 year active service life. Typically, fire apparatus are good for 20 years of active service and can then be put into reserve status for the next 10 years. This vehicle has the possibility of being refurbished which could extend its active life for another 5 years.

TANKER 1



Owned by: Urbana Township

Make: Pierce/International

Year: 2010 **Age:** 5 Years

Type: Engine with A 1250 GPM pump; Carries 2100 Gallons of water

Mileage: 5,179 **Engine Hours:** 612

Condition: Excellent

Maintenance: Cost - \$772

Primary Use:

Tanker 1 responds primarily into rural areas and hauls water to the scene of fires

Comments:

Tanker 1 has been a very good addition to the fleet. The previous tanker had a small 250 GPM pump and was not set up to also function as an engine. This vehicle has hose loaded on it to allow it to be used as a pumping apparatus.

BRUSH 1



Owned by: Urbana Township

Make: Ford F-550 Super Duty 4x4

Year: 2004 **Age:** 11 Years

Type: Brush Truck with 250 GPM pump; Carries 400 Gallons of water

Mileage: 6,920

Condition: Excellent

Maintenance: Cost - \$10

Primary Use:

Brush 1 responds on all grass fires, brush fires, field fires or any small fire wither off road or areas with very limited access.

Comments:

Brush 1 is designed to go off road to fight fires. Once the 400 Gallons of water is used, a tanker or engine is used to re-supply water for extended use. This vehicle was used on several field fires in 2015 and proved very beneficial in it's capabilities.

CHIEF 1 VEHICLE (C1)



Owned by: City of Urbana

Make: Ford Police Interceptor Utility

Year: 2013 **Age:** 3 Year

Type: Staff Vehicle

Mileage: 20,244

Condition: Excellent

Maintenance: Cost - \$128

Primary Use:

Command vehicle is for all major incidents such as fires, rescues and motor vehicle accidents.

Comments:

This vehicle is equipped as a command vehicle and has the capability to be a command post for large fires. All future staff vehicles will have the same exterior set-up.

CHIEF 2 VEHICLE (C2)



Owned by: City of Urbana

Make: Ford Explorer

Year: 2005 **Age:** 9 Years

Type: Staff Vehicle

Mileage: 109,543

Condition: Fair

Maintenance: Cost - \$25 In-house Hours –

Primary Use:

Command vehicle is for all major incidents such as fires, rescues and motor vehicle accidents. This vehicle is also used for fire investigations and inspections.

Comments:

This vehicle is equipped to conduct fire investigations with special tools.

Utility 1



Owned by: City of Urbana

Make: Ford F-350

Year: 2001 **Age:** 14 Years

Type: Utility Vehicle

Mileage: 94,537

Condition: Fair

Maintenance: Cost - \$7

Primary Use:

This vehicle is used to haul equipment and personnel to and from incident scenes. The Utility is used as an EMS chase vehicle to send more personnel to an EMS scene during a medical assist call where the vehicle will be left on scene during transporting of the patient.

Comments:

This is a very handy vehicle to have to save wear and tear on the fire apparatus. This vehicle is also used by the Police Division on occasion to retrieve bikes or other evidence.

REHAB 1



Owned by: Box 13

Make: Horton International

Year: 1991 **Age:** 24 Years

Type: Rehab/Air Vehicle

Mileage: 70,639

Condition: Poor

Maintenance: Cost - \$0

Primary Use:

Used as a rehab vehicle and to re-supply the breathing air cylinders.

Comments:

This vehicle responds to major incidents and usually is staffed by Box 13 members to provide a place for firefighters to catch their breath. Rehab 1 is also equipped with a breathing air cascade system and a fill station to fill air cylinders when firefighters come out of a building that is on fire.

HAZ MAT 1



Owned by: City of Urbana

Make: International

Year: 1981 **Age:** 34 Years

Type: Haz Mat Response Vehicle

Mileage: 151,315

Condition: Poor

Maintenance: Cost - \$0

Primary Use:

Haz Mat Response for county haz mat team

Comments:

In 2012, the county fire chiefs took control of the county haz mat team. One of the goals is to acquire trailers to put the haz mat equipment and supplies into for response. This vehicle continues to age and is used very little.

FIRE SAFETY TRAILER



Owned by: City of Urbana

Make: Surrey

Year: 1998 **Age:** 17 Years

Type: Safety Education Trailer

Mileage: N/A

Condition: Good

Maintenance: Cost - \$0

Primary Use:

Fire and storm weather education

Comments:

The Fire Safety Trailer has been an excellent tool to teach both children and adults about fire safety. Over its lifetime so far there have 10s of thousands of participants go through programs. The trailer was updated with new graphics and capabilities for an improved learning environment inside with the assistance of a grant by a local organization, late in 2014.



Thank you and have a safe 2016