

BEATRICE FIRE & RESCUE

ANNUAL REPORT  
2006



**BEATRICE**



**FIRE AND RESCUE**



## **A word from Chief Daake...**

*Dear Mayor, Council, and Citizens of Beatrice:*

It is with great honor that I am able to present to you the 2006 Annual Report for Beatrice Fire and Rescue. First, I would like to thank all of the Department members who contributed to the creation of this document and a special thanks to Inspector John Carrel for compiling the information and composing this report.

During the year 2006, the Department experienced significant changes in personnel, including the retirement of Chief Terry Burger. Terry started as a firefighter for the City of Beatrice in 1972, was promoted to Captain in 1976 and then Chief of the Department in 2001. Besides my recent promotion to Chief, firefighter/paramedic Jeff Van Winkle was promoted to Captain, and Nick Koch was hired as a firefighter/EMT to replace Jeff.

We continue to see an increase in the challenges that we face everyday in our community. Last year was our busiest year to date, in which we responded to 2298 calls for service. You will also notice that the number of medical calls was slightly down from last year, but it was still higher than the three previous years. We did experience an increase in the number of fires last year.

The future for your Fire and Rescue Department will continue to be challenging. It seems that each year we continue to have more and more training and certification requirements. Meeting and maintaining these standards allows us to continue to provide a professional level of service to our community. There is also the side benefit of having the opportunity to continue to apply for federal and state grant funds.

Another issue that we currently face, as you know, is the overcrowding concern in the station. There is the need for additional space for our apparatus and personnel. Plus, we face the ongoing challenges of an ageing fleet of fire apparatus and the high usage of our ambulances due to our call volume, which both create separate maintenance issues.

The largest issue that we are going to face is an anticipated increase in our call volume. Due to aging of our Baby Boomers, Medicare is predicting that we shall see an increase of 20% in just our inter-facility transfers in the next five years. If this prediction comes true then just for transfers we are looking at an increase of 130 additional runs. This does not count the predicted increase in emergency medical calls or fire calls. All in all we are in for some interesting times.

Feel free to contact me at any time if you have any questions or suggestions.

Sincerely,

Brian Daake

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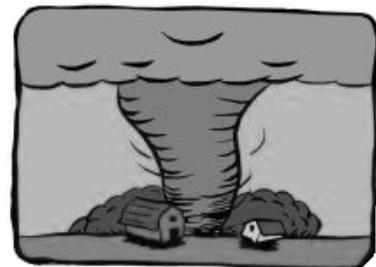
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# Mission Statement

The Beatrice Fire Department's mission is to provide the highest level of emergency and non-emergency public safety services possible and to protect life and property in an efficient and cost effective manner for the citizens of the Beatrice area.

*This is accomplished by providing services such as:*

- *Fire suppression*
- *Fire prevention & public education*
- *Rescue & emergency medical services*
- *Hazardous materials incident management*
- *Assisting during natural disasters*
- *Miscellaneous calls for service*



# Department Goals

## To:

Prevent the loss of life and injury from fire-related hazards, accidents, chemical releases and natural disasters.

## To:

Prevent loss of property from fire and fire related activities.

## To:

Provide injury prevention education aimed at recognizing and addressing risk factors in our community...create safer homes, schools and businesses, promote positive health choices and help decrease chances of severe injuries caused by traffic accidents, falls, firearm mishaps, accidental poisoning, burns, and other preventable accidents.

## To:

Prevent the loss of life and reduce injury through prompt professional delivery of emergency rescue and pre-hospital medical services.

## To:

Increase public safety awareness among citizens through the delivery of public fire and safety education programs and public service announcements through the media.

## To:

Continue to emphasize youth-directed public fire education programs in and out of our schools.

**Fire Chief**  
Brian Daake

**Administrative Secretary**  
Shirley Parde

**Fire Prevention Inspector**  
John Carrel

Training & Personnel

Health & Safety

**Administration**

**Emergency Services**

**Prevention**

**"A" Shift**

**Captain/EMT**  
Bob Miller

Reserve Coordinator/  
Safety Committee

**Apparatus Driver/EMT**  
Michael Arterburn

Records/Dept. Electrician/  
Historian/Safety Committee/  
Education-Training Team

**Firefighter/Paramedic**  
Jeff Hays

EMS Protocols/QA-QI/  
Ambulance Specs/  
Education-Training Team

**Firefighter/Paramedic**  
Julie Compton

Juvenile Firesetter Program/  
Special Events Team Leader

**Firefighter/Paramedic**  
Jim Young

ERT/Honor Guard/  
Small Tools/Shop/Education-  
Training Team Leader

**Firefighter/EMT**  
Brian Jelinek

Honor Guard/Wellness Team

**Firefighter/EMT**  
Darren Allington

Facility Maintenance-Repair-  
Improvements/Education-  
Training Team

**"B" Shift**

**Captain/EMT**  
Arlyn Ullsperger

Maintenance Coordinator/  
Safety Committee

**Apparatus Driver/EMT**  
Aaron Burger

Jr. Firefighter/EMS Training  
Records/Special Events Team/  
Tier 2 Filing

**Firefighter/Paramedic**  
Dave Heckman

Wellness Team/SCBA's &  
Breathing Air Compressor Maint./  
Safety Committee

**Firefighter/EMT**  
Lonnie Litterick

R&D Team Leader/NIOSH Reports/  
Fire Extinguisher Maintenance

**Firefighter/Paramedic**  
Brett Wells

Inventory/Hose Records/  
Haz-Mat Monitor Maintenance/  
Honor Guard

**Firefighter/Paramedic**  
Jeremy Seggerman

Wellness Team Leader/Specialized  
Rescue/QA-QI/Honor Guard/ERT

**Firefighter/EMT**  
Nick Koch

Library-Media/Inspections &  
Pre-Plan Records

**"C" Shift**

**Captain/Para**  
Jeff Van Winkle

Paramedic Supervisor/  
Safety Committee/Scouting

**Apparatus Driver/EMT**  
Kevin Weakland

Supply Coordinator/  
Uniforms/PPE

**Firefighter/Paramedic**  
Craig Fisher

Specialized Rescue  
Commander/ERT/  
Honor Guard

**Firefighter/Paramedic**  
Mike Massey

Infectious Control/Hospice/  
ERT/Safety Comm./  
R&D Team/Wellness

**Firefighter/EMT**  
Jake Carrel

Maps/R&D Team/  
Computers & Software  
Tech Support

**Firefighter/EMT**  
Nate Koch

EMS Equipment-Supplies/  
Uniforms/Honor Guard

**Firefighter/Paramedic**  
Corey Lieneman

Vehicle Maintenance/  
Education-Training Team/  
QA-QI

# Retirements

## **SAYING FAREWELL TO A FAMILIAR FACE**

*Submitted by Aaron Burger*

Long time Beatrice Fire Department employee Chief Terry Burger retired in October 2006. When he started his career with the Department in May of 1972, the job was very different than it is today. For many years the Department's focus was on firefighting, vehicle extrication, and public safety only. In the early years of his career, 350 calls a year was considered a busy year. In recent years, the Department started offering additional services such as technical rescue, Haz-Mat response, emergency medical response, code enforcement, public education, as well as the original services mentioned above. The last year Terry was with the Department, we responded to 2298 calls, which was the busiest year to date.



Chief Burger attended school in Beatrice and graduated from high school in 1967. He then enlisted in the Navy where he served his country for four years. His primary duty was in intelligence, and he was stationed in Morocco, Africa. While in the service he was married to Lois Petty. He has two children: son Aaron and daughter Kelly. After he completed his Naval service, he returned to his home town of Beatrice to start his long career as a public servant. After being on the job three years, Terry was promoted to the rank of Captain in July 1975 and then to Chief of the Department in September 2001.

During his career, Chief Burger worked hard to improve his skills and further his education. He received his Associates of Applied Science degree in Fire Protection Technology from SCC in Lincoln, plus an additional Associates degree in Building Construction from SCC in Beatrice. He then went on to complete his Bachelor's degree in Fire Administration from Western Illinois University. He spent countless hours at conferences, schools and seminars and was instrumental in developing the current hazardous materials response plan. He spent many hours building and refining this program and acquiring funding to help support it.

Chief Burger worked on several large incidents during his career. He responded to both grain elevator explosions, Sieck's Paint Store fire, Fry's Furniture Store fire, Dole Floral fire and the tornado of 1996. He also worked his share of flood duty on the west side during the numerous floods that Beatrice experienced over the last 34 years. As you can imagine, Chief Burger responded to many house fires during his long career with the Fire Department. He worked two fires at 801 High Street while it was a converted apartment complex. Ironically, he purchased this property many years later and restored it back to its original Victorian splendor. This is where Terry and Lois now call home.

Terry is enjoying his retirement. He enjoys antiques, flea markets, and traveling. He also enjoys spending time with all four of his grandsons. If he is not working on the house you can find him enjoying his love of the great outdoors.

It was hard to see my dad retire after 34 years. He has always been a role model for me and inspired me to follow in his foot steps in the fire service. I did miss some time growing up with him because of the hours you put in as a firefighter, but I now understand his love for the job and helping people. He is missed, but I know the traditions and spirit he helped build will go on for many, many years.

***Thanks Dad!***



# Promotions

**Brian Daake** was appointed to Chief of the Department in November 2006. Brian has been with the Beatrice Fire Department since 1990 and was promoted to Captain in 2001. He is currently an Emergency Medical Technician-Intermediate and has been very active as the Hazardous Materials Coordinator. Brian has an Associates of Applied Science degree in Fire Protection Technology and a Bachelor of Arts degree in Fire Department Administration and Management. He is currently the Education Committee chairperson for the Nebraska Society of Fire Service Instructors and coordinates the Les Lukert Mid-Winter Fire Conference. Brian is also a charter member of the Nebraska Haz Mat Association and is currently a Member at Large representing the eastern half of Nebraska. Brian is also an adjutant instructor for the State Fire Marshal Training Division and Southeast Community College Fire Protection Technology Program. Brian and his wife Karmen have been married for fourteen years and have three children. They are Samantha 9, Lauren 8, and Colten 4.



**Jeff Van Winkle** was promoted to the rank of Captain to replace Brian Daake at that position.

Jeff's family moved to Beatrice when he was a young boy. He attended school in Beatrice and graduated from Beatrice High School in 1992. Shortly after graduation, he joined the reserve firefighter program and in 1993 was hired as a full time firefighter. Jeff graduated from Southeast Community College in 1995 with an Associates degree in Fire Protection Technology. In 1998, he received his Paramedic certification from Creighton University, becoming the Department's first Paramedic. Jeff and his wife Lorie have been married for 12 years and have two children. They are Kaylee 8 and Jacob 4.

In March 2006, Jeff was named "**Paramedic of the Year**" by the NE Emergency Medical Services Association.

# New Paramedics

**Corey Lieneman** received his National Certification as a Paramedic in April 2006.

Corey is a native of Beatrice and attended Beatrice High School, graduating in 2001. He has an Associates of Applied Science degree in Fire Protection Technology and is also a Hazmat Technician.

Corey was hired in June 2005 after spending two years as a firefighter/EMT at the Columbus Fire Department. His other duties include: Quality Control Supervisor of EMS reporting, assisting in the scheduling of regular maintenance of fire/EMS apparatus and being a member of the Department's Education & Training Team.



**Jim Young** received his Paramedic training at Creighton University in Omaha and was Nationally Certified in October 2006.

Jim started his career with the Beatrice Fire Department in 1995 when he joined the firefighter reserve program. He was hired full-time in 2000 and is currently a member of the ERT Team and Honor Guard. He is a Hazmat Technician and the Education & Training Team Leader.

Jim also serves his country in the Army National Guard as a Flight Medic, with the rank of Staff Sergeant.

**CONGRATULATIONS, COREY AND JIM!**

# New Faces

**We welcome the following to our Fire Department Family**



**Nick Koch** was hired in November 2006 to fill a vacancy created when Terry Burger retired. Nick was born in Beatrice and graduated from Beatrice High School in 1996. He then attended and graduated from Southeast Community College (Milford) with a degree in Manufacturing Engineering in 1998. After college, Nick moved to Fairbury and while there, was a member of the Fairbury Rural Fire Department. In 2004 he was certified as an EMT-B, and is Firefighter I and Haz-Mat Operations level certified.

Nick and his family moved to an acreage just West of Beatrice in 2005, and shortly after he became a member of the Beatrice Fire Department's Reserve Program.

Nick and his wife Rachele, have a four-year-old son, Jarrett and son, Kale who was born March 5, 2007. Nick enjoys the outdoors, hunting, fishing, racing, working on the acreage and spending time with his family.

# Administrative Personnel



Brian Daake, Fire Chief  
16 Years of Service



John Carrel, Fire Inspector  
28 Years of Service



Shirley Parde, Secretary  
5 Years of Service

# Shift Personnel

## “A” Shift



Bob Miller, Captain/EMT  
33 Years of Service



Michael Arterburn, Driver/EMT  
32 Years of Service



Jeff Hays, FF/Paramedic  
12 Years of Service



Julie Compton, FF/Paramedic  
8 Years of Service



Jim Young, FF/Paramedic  
6 Years of Service



Bryan Jelinek, FF/EMT  
2 Years of Service



Darren Allington, FF/EMT  
1 Year of Service

# Shift Personnel

## “B” Shift



Arlyn Ullsperger, Captain/EMT  
30 Years of Service



Aaron Burger, Driver/EMT  
15 Years of Service



Lonnie Litterick, FF/EMT  
13 Years of Service



Dave Heckman, FF/Paramedic  
12 Years of Service



Brett Wells, FF/Paramedic  
5 Years of Service



Jeremy Seggerman,  
FF/Paramedic  
2 Years of Service



Nick Koch, FF/EMT  
< 1 Year of Service

# Shift Personnel

## “C” Shift



Jeff Van Winkle,  
Captain/Paramedic  
13 Years of Service



Kevin Weakland, Driver/EMT  
15 Years of Service



Craig Fisher, FF/Paramedic  
13 Years of Service



Mike Massey, FF/Paramedic  
12 Years of Service



Jake Carrel, FF/EMT  
6 Years of Service



Nathan Koch, FF/EMT  
4 Years of Service



Corey Lieneman,  
FF/Paramedic  
1 Year of Service

# Apparatus



1994 Smeal/Spartan



1975 Mack



1978 Pierce/LTI



1997 GMC C6500  
Rescue Truck



2002 International Navistar  
Hazmat Van



2006 Ford E-450 Type-III  
19,000 miles



2002 Ford E-450 Type-III  
82,000 miles



2002 Ford E-450 Type-III  
114,900 miles



1996 Ford E-350 Type-III  
121,400 miles



2004 Ford Expedition  
51,500 miles



1999 Chevy Suburban  
91,200 miles

We also house and help maintain Beatrice Rural Fire Department's apparatus including: A tanker, pumper and two grass trucks.

# Significant Events



# Public Education

Fire Department personnel are trained and continue to train in their firefighting skills so they can safely and effectively extinguish fires as they happen. They also spend a lot of time and energy on educating the public, especially our children, on ways of preventing fires and what to do if they do experience a fire.

It is difficult to track your success in this endeavour because you don't hear about the fire that "**DIDN'T**" happen...you only hear about the ones that "**DID**". You don't hear about the child that was "**SAVED**" because of something they learned about fire safety or fire prevention in school or at the Fire Station...you only hear about the ones that were "**NOT SAVED**". We feel confident that our efforts in educating the public on fire prevention and fire safety practices have made a positive impact.



The Fire Department offers free home fire safety inspections and in cooperation with local Service Clubs or organizations, we offer the free use of chimney cleaning equipment to all citizens and free Smoke Detectors for eligible citizens. In partnership with the Board of Public Works, we also offer the "Emergency Light Beacon" program, which provides a free pulsating emergency light for eligible citizens.

# Training

Training continues to be an important part of a firefighter's job. When firefighters are first hired, they will most likely have already participated in extensive training in the basics of firefighting, EMS, hazmat and rescue. Once they are hired, probationary firefighters spend a large percentage of their time during the first six months on the job training in the many specialty services that Beatrice Fire & Rescue provide. All firefighters continue to train throughout their career to stay proficient in all those areas of responsibility.



# Comparison Summary of Activity

## 2002-2006

### Fire / Explosion

Type of Situation Found	2002	2003	2004	2005	2006
Commercial Fire	7	6	5	6	8
Residential Fire	20	25	17	24	25
Fire Outside Structure	5	1	1	3	2
Vehicle Fire	17	13	20	8	15
Tree, Brush, Grass Fire	9	7	19	4	31
Refuse Fire	12	3	8	5	12
Aircraft Fire	0	0	1	0	0
Outside Spill w/Fire	0	1	0	0	0
Fire/Explosion, Unclassified	5	12	3	0	3
<b>TOTAL</b>	<b>75</b>	<b>68</b>	<b>74</b>	<b>50</b>	<b>96</b>

### Emergency Medical

Rescue (incl. 1045 w/o extricat.)	31	18	45	41	52
Emergency Medical Call	228	192	341	392	447
Water/Ice Rescue	0	0	1	0	0
Extrication	25	13	19	10	17
Rescue Call, Unclassified	7	16	11	2	0
<b>TOTAL</b>	<b>291</b>	<b>239</b>	<b>417</b>	<b>445</b>	<b>516</b>

### Hazardous Condition

Over-pressure/Rupture	2	1	1	0	0
Gas Leak (Natural/LPG)	5	2	5	2	14
Hazardous Condition, Other	2	5	3	2	1
Spill/Leak, No Fire	10	13	19	11	21
Electrical Wiring/Equip. Problem	0	0	3	6	7
Excessive Heat	0	0	7	2	4
Power Line Down	3	0	1	2	3
Arcing/Electrical Short	5	0	5	4	2
Carbon Monoxide Incident	0	0	9	2	2
Hazardous Condition, Unclass.	2	8	1	1	1
<b>TOTAL</b>	<b>29</b>	<b>29</b>	<b>54</b>	<b>32</b>	<b>55</b>

### Public Service Assist / Good Intent Calls

Type of Situation Found	2002	2003	2004	2005	2006
Severe Weather/Nat. Disaster	0	0	1	0	1
Service Call	31	9	3	4	2
Smoke/Odor Removal	9	8	3	1	3
Assist Law Enf./Public Serv.	1	2	8	2	5
Unauthorized Burning	0	1	1	1	0
Cover Assignment	0	1	0	1	0
Service Call, Unclassified	11	23	1	1	1
Good Intent Call	21	12	4	2	2
Smoke Scare	8	5	12	8	17
Animal Rescue	0	0	2	0	0
Vicinity Alarm	0	0	0	0	0
Controlled Burning	1	0	1	1	4
Mistaken For Smoke	3	5	1	1	4
Water Problem			1	0	0
Carbon Monoxide Inv. Only			7	7	6
Haz-Mat Investigation Only			17	4	14
<b>TOTAL</b>	<b>85</b>	<b>66</b>	<b>62</b>	<b>33</b>	<b>59</b>

### False Calls or Cancelled Enroute

False Call/No Incident Found	71	38	11	10	5
Malicious/Mischievous Alarm	2	6	4	5	9
Bomb Scare, No Bomb	0	0	0	0	0
System Malfunction	6	16	15	27	15
Unintentional Alarm	8	51	87	67	63
Cancelled Enroute			22	45	68
<b>TOTAL</b>	<b>87</b>	<b>111</b>	<b>139</b>	<b>154</b>	<b>160</b>

### Mutual-Aid or Unclassified

<b>Included in Grand Total</b>	<b>67</b>	<b>41</b>	<b>49</b>	<b>62</b>	<b>56</b>
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<b>GRAND TOTALS</b>	<b>634</b>	<b>554</b>	<b>795</b>	<b>776</b>	<b>886</b>
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# Fire Response Summary

## 2002-2006



STATISTIC	2002	2003	2004	2005	2006
Total Fires	75	68	70	50	96
Total Fire Loss	\$150,350	\$421,535	\$111,450	\$510,700	\$186,890
Before Fire Property Value	\$450,450	\$2,248,815	\$1,606,000	\$44,848,268	\$1,482,090
Property Value Saved	\$300,100	\$1,827,280	\$1,494,550	\$44,336,585	\$1,295,200
Total Percent Saved	66.66%	81.26%	93.06%	98.86%	87.39%
Number of Fire Deaths	0	0	0	0	0
Firefighter Injuries	1	1	0	6	6
Civilian Injuries	1	5	2	3	0
Busiest Month	January	March	Oct.	Oct.	Jan.
Busiest Day	Thurs.	Wed.	Sat.	Tues.	Fri.
Busiest Time	1-1:59 PM	2-2:59 PM	11-11:59 AM	4-4:59 PM	3-3:59 PM
Avg. Response Time	3.38 min.	3.27 min.	3.22 min.	3.13 min.	3.35 min.
Mutual-Aid Calls	66	41	49	62	56





# Ambulance Service

## 2002 - 2006



TYPE OF CALL	NUMBER OF EMS RESPONSES				
	2002	2003	2004	2005	2006
Medical	465	435	545	649	632
Trauma	328	135	181	218	206
Vehicular	69	109	72	94	82
In-Town Transfers	63	189	148	72	75
Out-Of-Town Transfers	416	551	577	593	576
No Transport-Vehicular	64	73	82	97	98
No Transport-Medical/Trauma	113	117	167	205	237
Standby	28	23	31	32	22
Mutual-Aid	28	55	*	*	*
Other	16	0	0	0	0
<b>TOTAL EMS RESPONSES</b>	<b>1590</b>	<b>1687</b>	<b>1803</b>	<b>1960</b>	<b>1928</b>
EMERGENCY RESPONSES	825	915	982	1095	1074
NON-EMERGENCY RESPONSES	723	745	789	833	578
MISC/OTHER EMS RESPONSES	42	27	32	32	276

\* Most Common Age of Patient ..... 80-89 years of age

\* Busiest Hour of the Day .....6:00-6:59 PM

\* Busiest Day of the Week .....Friday

- \* Most Common Reasons for Call .....
1. Transfers
  2. Falls
  3. Vehicular Accident
  4. Respiratory Distress
  5. Cardiac/Chest Pain

<b>Ambulance Financial Report</b>					
January 1, 2006 - December 31, 2006					
	2002	2003	2004	2005	2006
Actual Dollar Amount Collected .....	\$331,368	\$389,586	\$432,758	\$534,299	\$573,122