



ORANGE VILLAGE FIRE DEPARTMENT

ANNUAL REPORT FOR THE YEAR 2010



PREPARED FOR MAYOR KATHY MULCAHY AND
MEMBERS OF VILLAGE COUNCIL



FROM THE DESK OF FIRE CHIEF BRUCE WHITE

After reviewing our Fire Department run statistics for the year 2010, I'm happy to provide you with the following information for your review.

Last year proved to be a very exciting year for the men and women of our Fire Department. Through aggressive grant writing we were able to purchase many improvements which directly benefit the residents we proudly serve. Most of these improvements came at little or no cost to the taxpayers of Orange Village. Our commitment to the safety of our residents and attention to fiscal responsibility will be highlighted throughout this report. As always, please feel free to stop in and see your Fire Department. I'm certain you will be proud of the way we dedicate ourselves to the safety of our wonderful residents.

Respectfully Submitted,

Chief Bruce White

RUN VOLUME:

Our run volume increased last year. Our Fire Department responded to 693 calls for service which represents an increase (approximately 4%) when compared to our numbers for 2009.

FIVE YEAR HISTORY

<u>YEAR</u>	<u>RUN VOLUME</u>
<i>2006</i>	<i>560</i>
<i>2007</i>	<i>664</i>
<i>2008</i>	<i>633</i>
<i>2009</i>	<i>663</i>
<i>2010</i>	<i>693</i>

Our Run Volume For 2010 Can Be Broken Down As Follows:

<u>Incident Type</u>	<u>2010 Count</u>	<u>2010 % of Total</u>
FIRE	48	6.92%
RESCUE / EMS	522	75.32%
HAZZARDOUS CONDITION NO FIRE	18	2.59%
SERVICE CALL	17	2.45%
GOOD INTENT CALL	23	3.31%
FALSE ALARM / FALSE CALL	64	9.23%
OVEREXPOSURE/RUPTURE/EXPLOSION	1	.14%
<i>TOTAL CALLS</i>	<i>693</i>	<i>100%</i>



RESPONSE TIME ANALYSIS



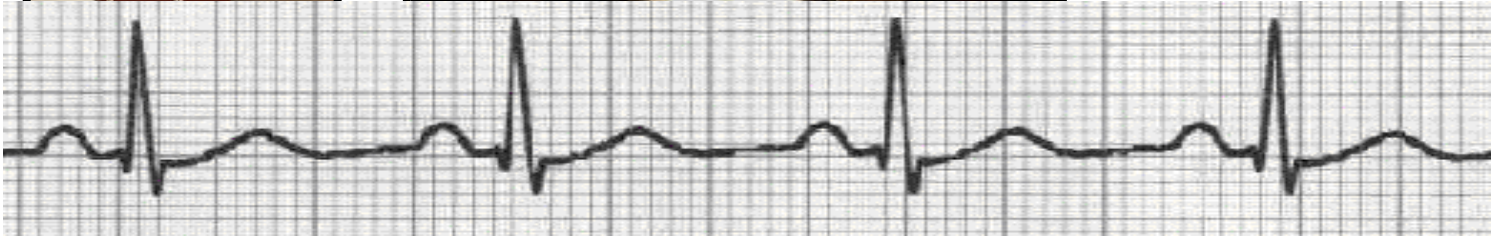
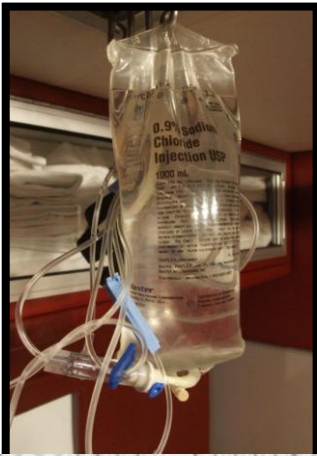
WE ALWAYS STRIVE TO REDUCE THE TIME IT TAKES FOR OUR DEPARTMENT TO RESPOND TO EMERGENCIES. IN 2010 OUR AVERAGE RESPONSE TIME REMAINED STABLE. IT MUST BE NOTED THAT MINOR INCREASES IN RESPONSE TIMES CORRELATE WITH INCREASED RUNS TO FACILITIES LOCATED ON ORANGE PLACE (UH URGENT CARE, BAHAMA BREEZE, SUPER 8 ETC.)

AVERAGE RESPONSE TIME IN 2006:	5 MINUTES 8 SECONDS
AVERAGE RESPONSE TIME IN 2007:	5 MINUTES 13 SECONDS
AVERAGE RESPONSE TIME IN 2008:	5 MINUTES 24 SECONDS
AVERAGE RESPONSE TIME IN 2009:	5 MINUTES 30 SECONDS
AVERAGE RESPONSE TIME IN 2010:	5 MINUTES 39 SECONDS

THE RESPONSE TIME ANALYSIS CAN BE BROKEN DOWN AS FOLLOWS:

<u>MINUTES</u>	<u>COUNT</u>	<u>% OT TOTAL</u>
0-1	31	4.5%
1+	9	1.3%
2	33	4.8 %
3	38	5.5 %
4	68	9.9 %
5	149	21.7%
6	146	21.3 %
7	92	13.4%
8	47	6.8 %
9	28	4.0 %
10	21 (UP FROM 18)	3.0 %
11	9 (UP FROM 4)	1.3 %
12 – 21*	13 (UP FROM 4)	1.8 %

*** THESE RESPONSES INCLUDE RUNS TO DISTANT LOCATIONS FOR MUTUAL AID. SEVERAL EXAMPLES INCLUDE A RESPONSE TO AUBURN TOWNSHIP FOR A WORKING FIRE AND A RESPONSE TO SR 44 AT PUNDERSON FOR A LEAKING GASOLINE TANKER.**



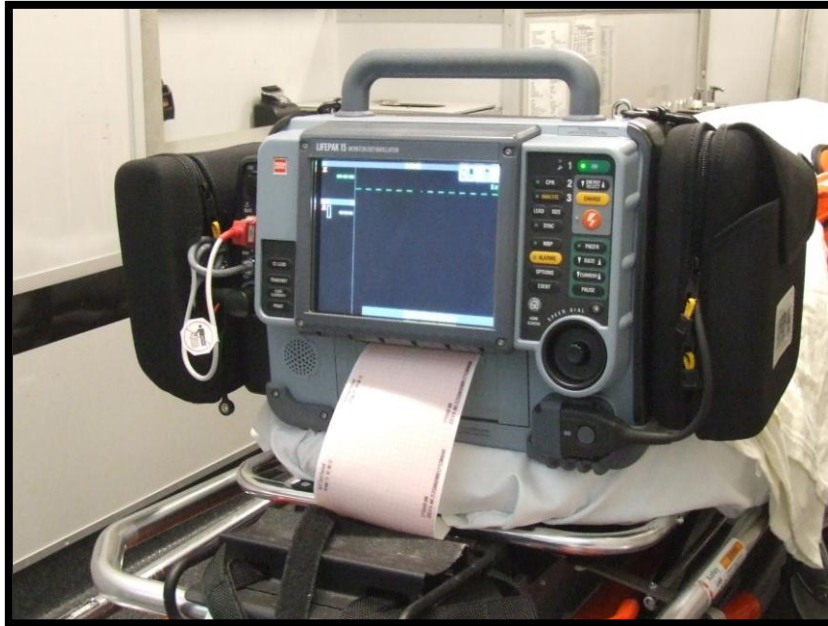
EMERGENCY MEDICAL SERVICES

As mentioned in an earlier section the Orange Village Fire Department responded to 522 EMS calls. The breakdown on these calls is as follows:

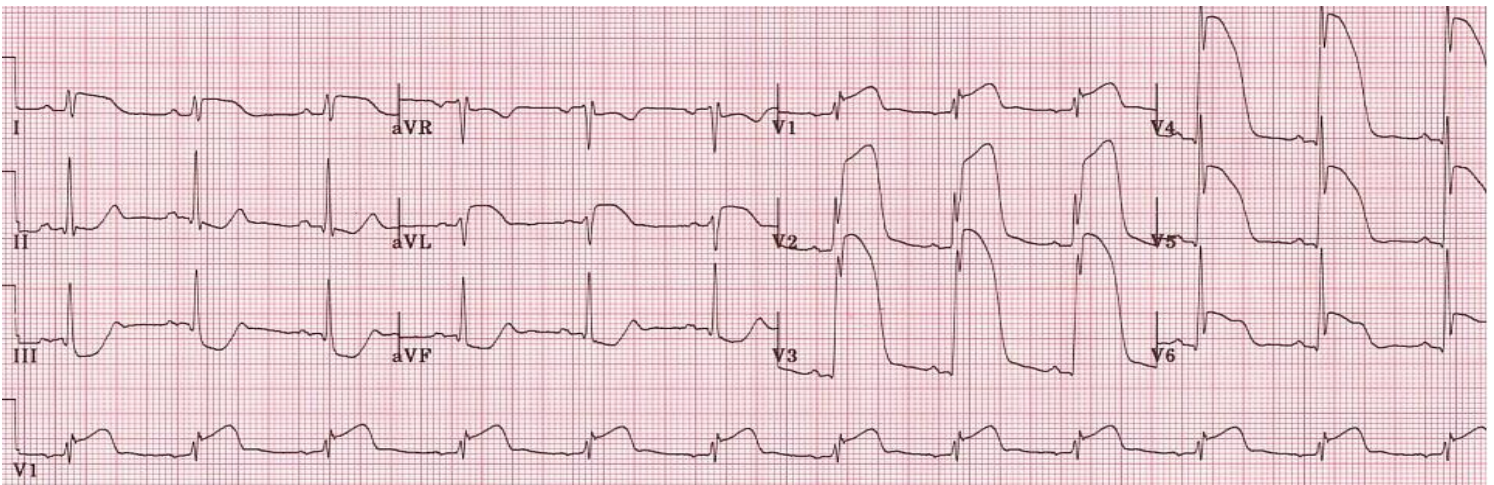
EMS calls excluding accidents with injuries:	472
Motor Vehicle Accidents (MVA's) with injuries:	33
Motor Vehicle Accidents without injuries:	10
Lock in /Lock out:	1
Extrication of occupants from vehicles:	2
Removal of victims from stalled elevator:	2
Rescue / EMS Standby:	1
Medical Assist:	1



New Cardiac Monitor for Squad 3



With the addition of the new LifePack 15 by Physio Control our main line rescue squad now has advanced features such as capnography, Carbon Monoxide monitoring and Blue Tooth capabilities. The addition of this monitor keeps our department on the cutting edge under University Hospitals advanced protocols.





MUTUAL AID

THE FOLLOWING IS A BREAKDOWN OF MUTUAL AID AS IT WAS PROVIDED AND RECEIVED TO ORANGE FIRE IN 2010:

<u>DEPARTMENT</u>	<u>MUTUAL AID GIVEN</u>	<u>MUTUAL AID RECEIVED</u>
BEDFORD	3	0
BEACHWOOD	4	3
CHAGRIN FALLS	12	20
OAKWOOD	1	0
PEPPER PIKE	12	4
SOLON	3	2
WARRENSVILLE HEIGHTS	7	2
WOODMERE	4	1

GRANTS

We are very proud of our grant writing success. Since 2005 we have received **\$290,620.00 from our FEMA AFG Grant efforts alone! A recent inquiry on the status of our 2010 FEMA AFG Grant shows that we advanced out of the peer review stage and were graded high enough for a potential award. While no official notification has taken place on the \$70,375.00 Grant Request, we are optimistic about this endeavor.**

In 2005 we focused our efforts on essential equipment needed in our profession that would have been funded directly from our residents. Successive grants focused on firefighter Health and Wellness and compliance with diesel particulate removal through the use of a purchased PlymoVent exhaust system.

As in the past, all purchases made with our awarded grant funds were paid for with 95% of Federal Funds (FEMA) and 5% of Orange Village money. This past year, we administered our \$48,500.00 award in the following manner:



The Orange Village Fire Department purchased this light tower with awarded FEMA AFG Grant funds. The light tower can be utilized in mass casualty incidents that might take place on a highway. It was also recently used to illuminate a one acre pond during an ice rescue training session.



With over 80 ponds of various sizes and depths, Orange Village needed to address the potential for ice rescue operations. Through the FEMA AFG Grant program we purchased this ice sled and trained our members on its use. While all residents should encourage their children to stay clear of ice in the winter, we are now better prepared to handle an ice rescue should one need to be effected.



This newly acquired 4 gas meter is an updated version of the meters we bring into homes when checking for Carbon Monoxide levels as well as potentially life threatening lower explosive limits (LEL) caused by natural gas and propane leaks. An additional benefit provided by this meter is that it was 95% funded with FEMA Grant money.

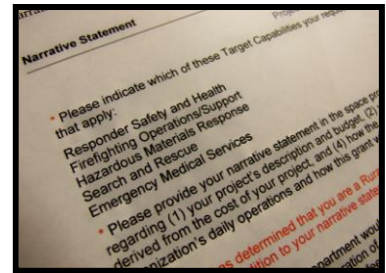
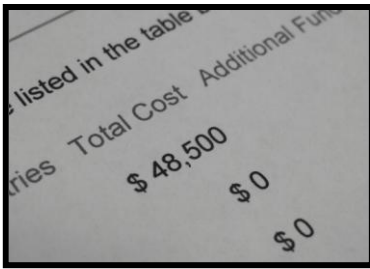


The Orange Fire Department encounters many motor vehicle accidents (MVA's) each year. Some are severe and require stabilization and extrication. Using our allotted FEMA funds, we purchased a set of high pressure airbags and rescue struts. These kits are used to stabilize a heavily damaged and precariously positioned motor vehicle allowing for the safe extrication and care of wounded victims.



While primarily residential, our village still has a significant number of commercial structures constructed of masonry. In the event of a partial collapse secondary to fire or explosion we need to be prepared to breach walls in an attempt to affect the rescue of trapped occupants and firefighters. This gas powered concrete cutting chainsaw brings new efficiency to our village when it comes to rescue operations. And yes...you guessed it. This item was paid for by FEMA AFG Grant funds!





THE BOTTOM LINE ON GRANT FUNDING

Our Fire Department strives to provide quality services at a reduced cost. The preceding items were all purchased with our 2009 Grant Award. The Grant has a 95 / 5 share requirement. In dollars and cents that means we were awarded \$48,500.00 worth of funding at a local cost to Orange Village taxpayers of \$2,425.00. We still have a balance of funds to utilize before our June deadline and these funds will be allocated for new turnout gear and fire prevention materials.

In examining our overall FEMA AFG grant writing efforts since 2005, we have been awarded \$290,620.00 worth of services and equipment at a cost to our taxpayers of \$14,531.00.

As mentioned earlier we are also optimistic that our 2010 grant writing efforts have kept us in the running for an additional award of \$70,375.00.





FIRE PREVENTION

Our fire prevention efforts continued under the leadership of Assistant Chief Robert Wilson. In 2010 the Orange Village Fire Department completed 90 inspections including commercial hood inspections and annual fire prevention inspections.

The numbers listed above include 38 point of sale home inspections. As part of our village's requirement to ensure each home has adequate protection, these inspections help guarantee compliance. A point of sale inspection requires that each home be adequately covered with the proper amount of smoke detectors. The home is also required to have a working carbon monoxide detector. In addition to the proper number of these devices, each home is also checked to ensure these devices are located in the proper area so that activation is coordinated with occupant safety. The overall result is increased safety for our residents.

Assistant Chief Robert Wilson also reviewed new building plans such as the new learning center to be located at 27500 Chagrin Boulevard. These inspections are comprehensive and require many trips to the business so that compliance with the proper fire code is documented.

WATER MAIN EXTENSION

The fire department assisted efforts to secure funding in 2009 for a new watermain extension that would ensure every home in the village would be supported by an appropriate water supply. In 2010 we worked closely with crews to ensure compliance and functionality relating to all newly installed hydrants. Water mains and the new hydrants provide a more efficient and dependable way to fight fires as they provide a continuous supply of water (when compared to costly water tankers).

Water mains were extended along the following roads; Jackson Road (Lander Road to Orangedale), West Woodcrest & Woodcrest (Miles to Fairview Drive) and on Pike Drive (Lander Road to address 29499 Pike).

Once these projects are complete (Brainard Road still needs to be completed) all the parcels of property in the Village will be within 2000 feet of a hydrant. This will allow the Fire Department to have a continuous supply of water to fight fires and eliminate the need of replacing the aging tanker truck.

TRAINING

Our Fire Department, as a whole, also continued its ongoing training efforts. In 2010 we held 34 training sessions. The department has set a 40% minimum attendance rate that is expected of all firefighters. This training is divided into two sections:

Fire training: Special topics in 2010 included pump operations, forcible entry, tanker shuttle operations, ventilation and live burn training. Many of these drills were conducted in a vacated home on Miles Road. This home was then used for live burn training which provides our firefighters with valuable experience.

EMS: Our department continued their working relationship with our medical control at University Hospitals. We welcomed many guest lecturers who spoke on issues such as heart attack, trauma, patient care of the elderly, pediatrics and much more. Additionally, our internal EMS officer (Lt. Eric Strauss) coordinated in house training sessions on our new protocols. Our paramedics now are capable of administering nearly 40 medications for respiratory management, cardiac arrest and pain relief from major trauma just to name a few.

PUBLIC RELATIONS

BIRTHDAY PARTIES

The Fire Department continued to host birthday parties at its station. This year we hosted 10 birthday parties which

included:

- Presentations on fire safety.
- Equipment demonstrations.
- Firefighter gear demonstrations.
- Truck tours.



SALUTE TO ORANGE VILLAGE

The Fire Department coordinated several events at this past year's Salute. Many firefighters participated to make this event fun for everyone in attendance. The Orange Fire Department presence included:



FIRE SAFETY TRAILER

In coordination with the Chagrin Falls Fire Department, Orange firefighters provided tours of Chagrin's newly acquired fire educational trailer. Children learned about kitchen safety, home escape plans and general fire safety. Approximately 150 children toured the trailer on this date.



2010 BLOSSOM TIME PARADE

Members of the Fire Department volunteered their time to proudly represent our Village in this Chagrin Valley tradition. OVFD

Rescue 6 participated and was adorned with the American Flag as firefighters handed out candy to the children.

