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DELTONA FIRE DEPARTMENT

2014 ANNUAL REPORT

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MESSAGE FROM FIRE CHIEF MARK RHAME

2014 was a busy and productive year for the Deltona Fire Department.

The organization celebrated its 50th year of service providing Fire, EMS, technical rescue and Public Education to the residents and visitors of Deltona.

The Deltona Fire Department is dedicated to providing the highest level of care and service with a focus on Life Safety, Preservation of Property and Hazard Mitigation with an emphasis on fiscal responsibility.

Mark Rhame

DELTONA FIRE ADMINISTRATION



**DEPUTY CHIEF
ROBERT ROGERS**



**DEPUTY CHIEF
RUSSELL RAFFERTY**



**ASSISTANT CHIEF
DEAN DEBOSE**

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INTRODUCTION

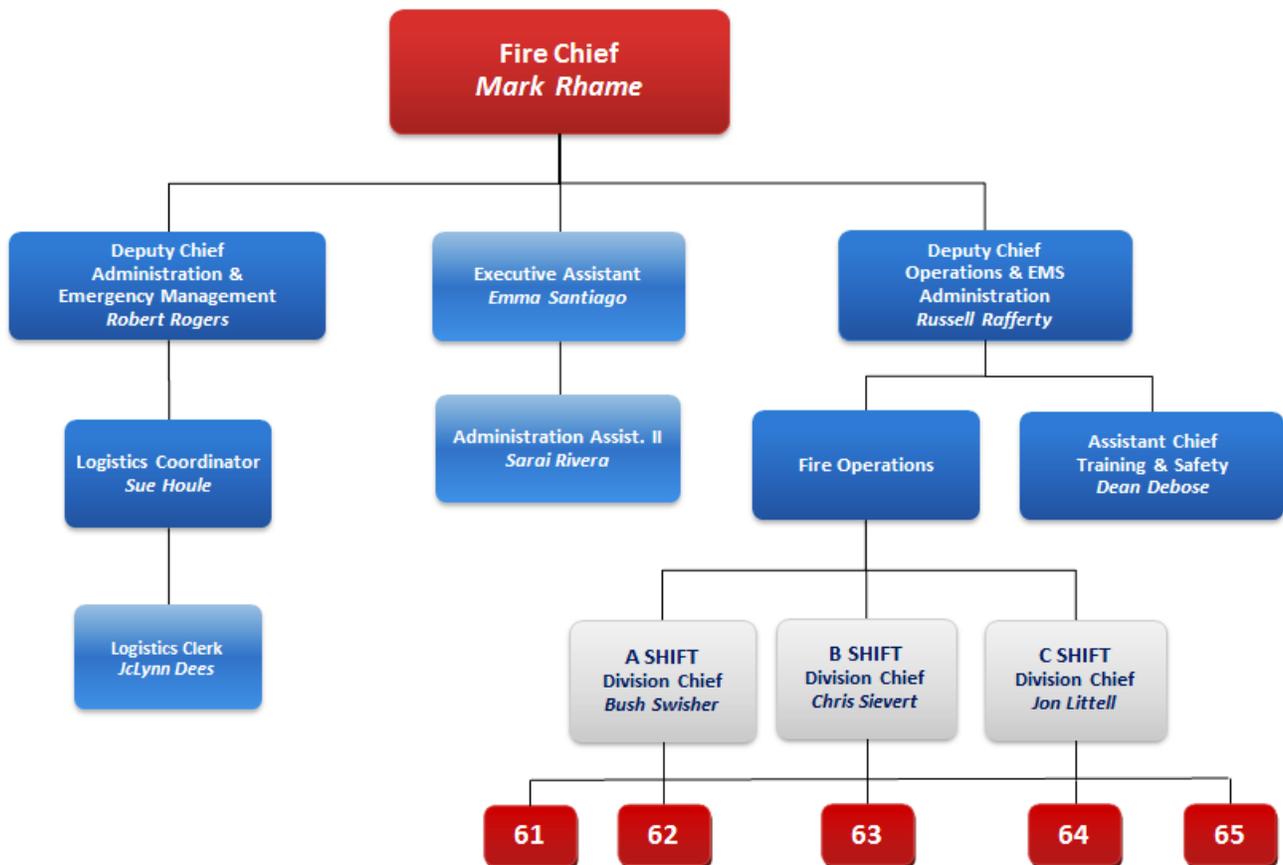
The **City of Deltona Fire Department** is committed to providing its citizens with the highest quality service response possible. The Deltona Fire Department provides statistical reports for purposes of sharing information and long range planning. This annual report is a compilation of data derived from alarm response and activities conducted during the calendar year 2014.

The City of Deltona Fire Department responds to various service requests: emergent and non-emergent situations including fire suppression, pre-hospital emergency medical care, hazardous material events, water rescue, and severe weather events.

The department also holds numerous community support and outreach events to educate and assist the general public.

DEPARTMENT ORGANIZATION

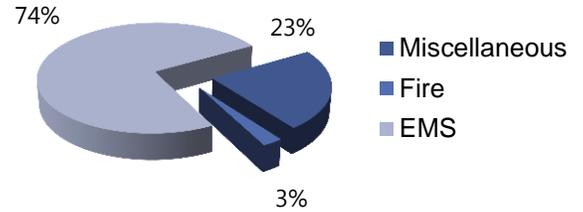
The Deltona Fire Department is structured into two main divisions: Administration/Logistics & Emergency Management and Operations/Emergency Medical Services & Training.



OPERATIONS

ALARMS

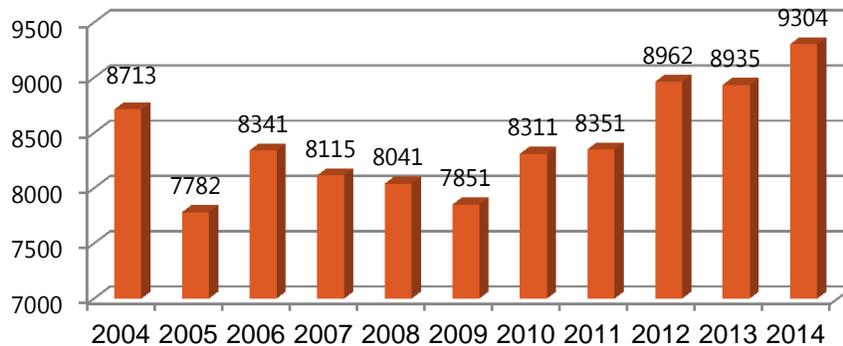
Alarm types vary depending on the call for service. Deltona Fire Department categorizes alarms into three types: EMS, Fire, and Miscellaneous. Medical calls for service make up most of our alarms (74%), followed by Fire (23%) and Miscellaneous calls (3%).



REQUESTS FOR SERVICE

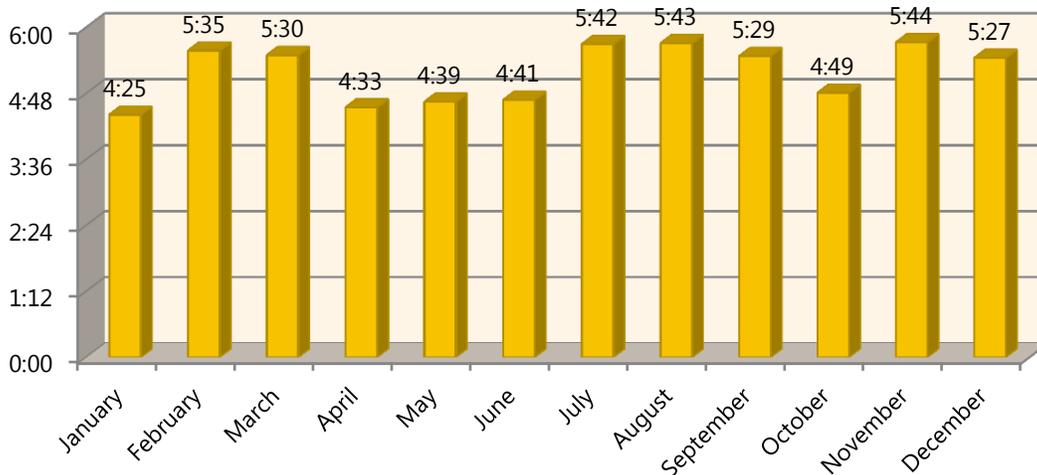
The amount of service calls the Deltona Fire Department responds to have been steadily increasing since the year 2009. In 2014 the Deltona Fire department saw a **4% increase** in call volume compared to the previous year alone. In total we responded to **9,304** calls throughout the year.

ALARMS PER YEAR



AVERAGE RESPONSE TIMES

The average response time for the year 2014 was **five minutes, eleven seconds**.

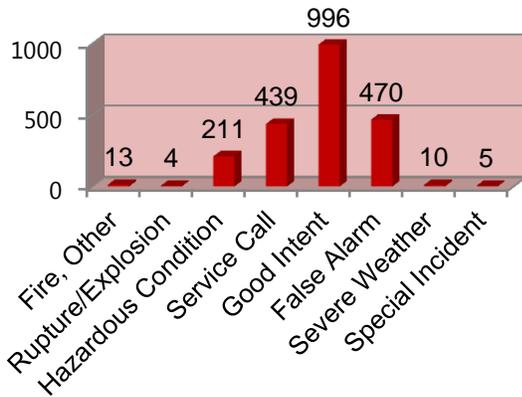


OPERATIONS

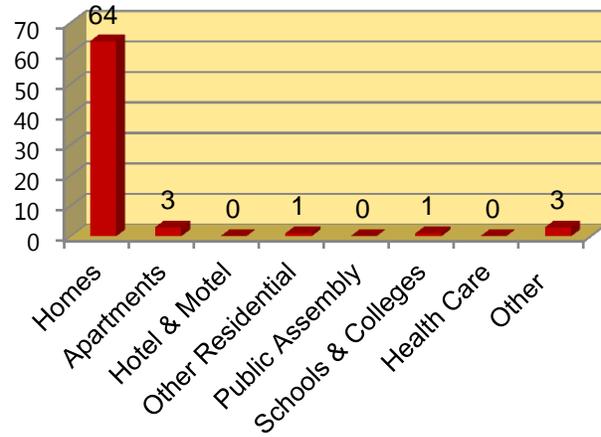
ALARM STATISTICS

The two charts below illustrate the breakdown of fire alarms for the year.

FIRE RELATED ALARMS

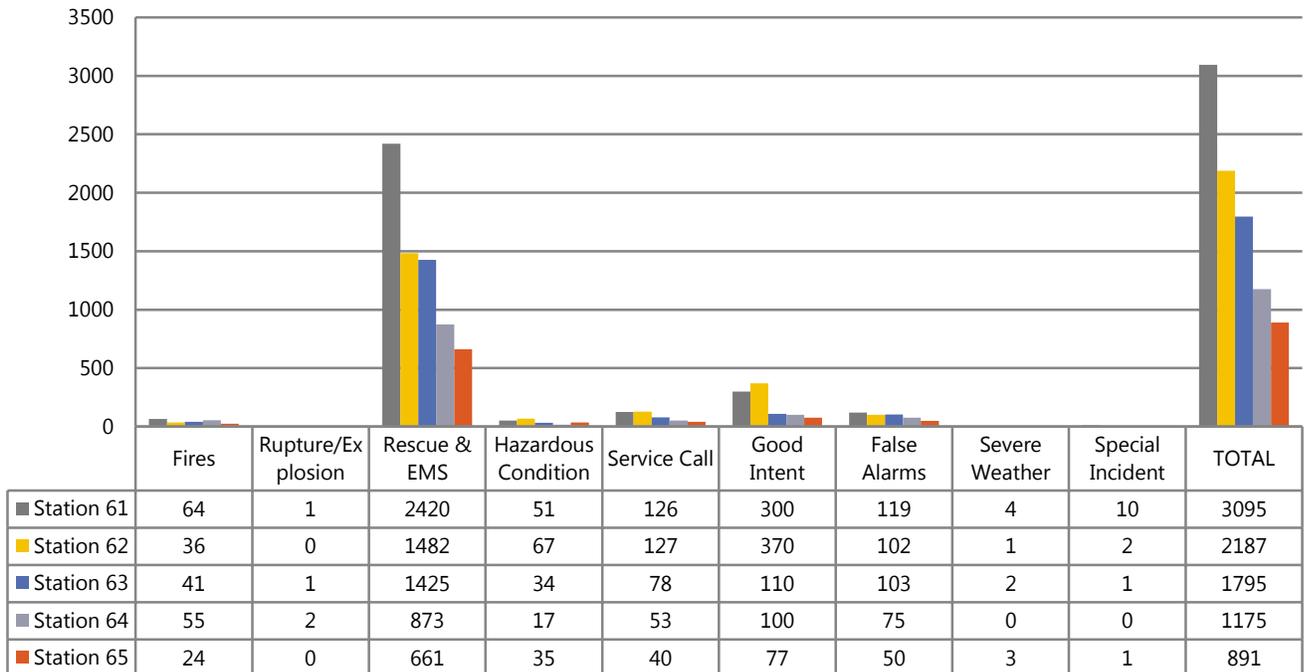


STRUCTURE FIRE TYPES



Below is a chart detailing the different types of alarms we responded to in 2014 in each station's first due area. We responded to a total of **9,143** alarms inside the city and offered aid outside of the city for **161** alarms.

ALARM TYPE BY STATION



EMERGENCY MEDICAL SERVICES

The City of Deltona Fire Department takes pride in their Emergency Medical Services (EMS). We work diligently to provide the highest quality care for our citizens.

The majority of the EMS alarms that we respond to are BLS (Basic Life Support) and ALS (Advanced Life Support) medical calls.

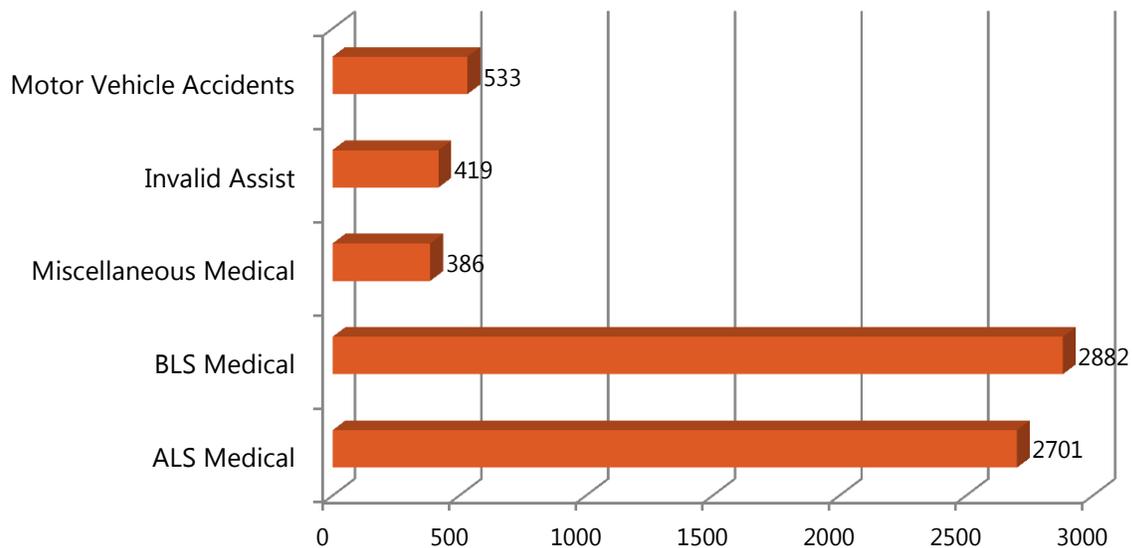
Deltona Fire Department transported patients to area hospitals **28** times during 2014, realizing a revenue from billing in the amount of \$3,530.40 to date.

In 2014 we responded to **2,882** BLS calls and **2,701** ALS calls for a total of **6,921 medical calls**.

The chart below illustrates the number of various EMS calls we received.



EMS ALARM SUMMARY



TRAINING & SAFETY DIVISION

The Training & Safety Division provides a more focused effort to ensure that the department complies with specific local, state, and federal training and safety mandates. The Training & Safety Division conducts several training sessions on a rotating basis every year.

FIRE TRAINING

Throughout the year 2014 there were a total of **20,887 hours** of fire-based continuing education training completed by personnel. This is an average of **298 hours** per person.

The table below illustrates various fire-based specialty training activities that our personnel completed:

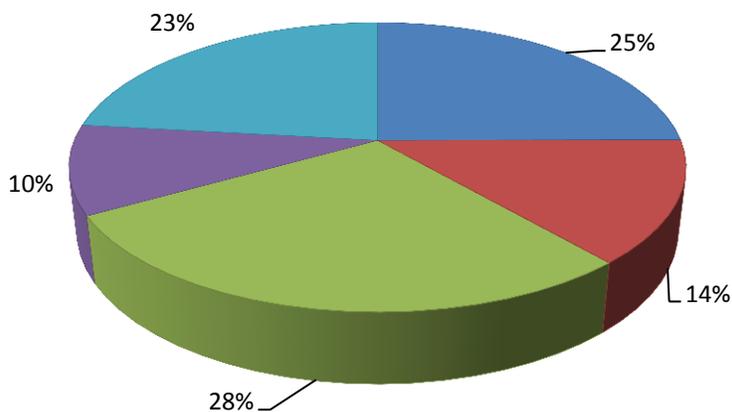


SPECIALTY TRAINING	TOTAL HOURS
SPECIAL OPS	925
FIRE GROUND	507
OFFICER	1048
DRIVER	370
PHYSICAL FITNESS	862

Below is a pie chart illustrating the breakdown of the training types by hours:

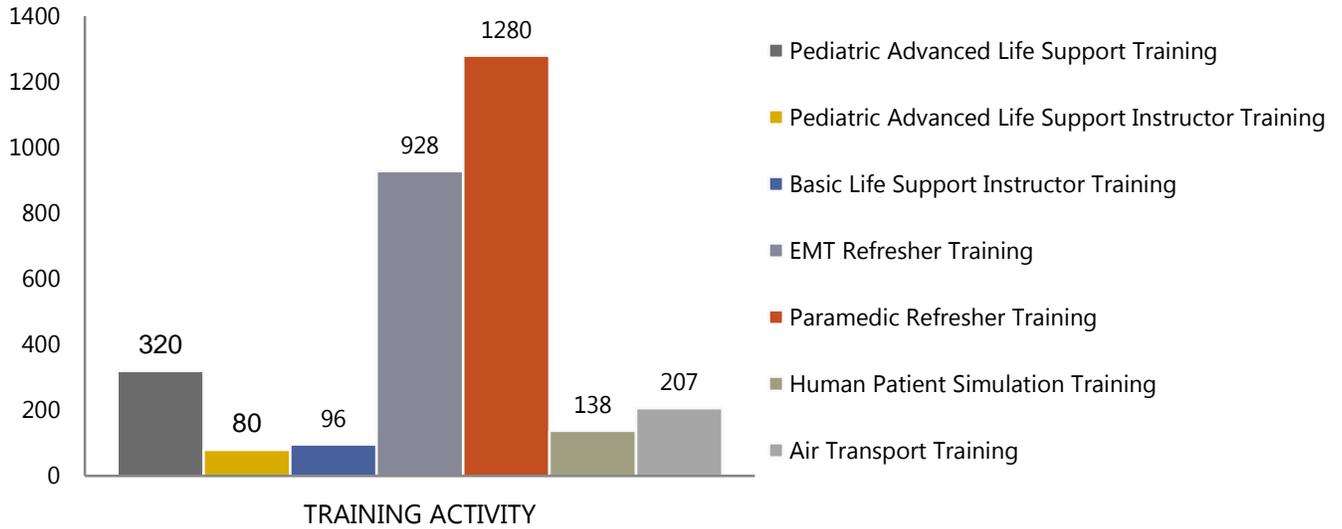
SPECIALTY TRAINING HOURS

■ Special Ops ■ Fire Ground Operations ■ Officer ■ Driver ■ Physical Fitness



EMS TRAINING

In 2014 there were approximately **3,049 hours** of EMS-based training completed by personnel. Below is a chart showcasing the different types of EMS training we completed throughout the year.



FIRE EXTINGUISHER CLASSES

Our certified training instructors provide an additional service of fire extinguisher classes to Deltona citizens and organizations. This program is designed to teach participants about different types of extinguishers and how to use them safely.

In the year 2014 we conducted a total of **10** fire extinguisher classes and taught **69 students**.



PUBLIC EDUCATION & COMMUNITY INVOLVEMENT

EVENTS

The Deltona Fire Department is committed to doing all it can to keep our community safe. We participate in community events, charity events and offer programs to educate and protect the residents of Deltona. Here are a few programs and events held in 2014:



FIRE SAFETY PRESENTATIONS

In 2014, the Deltona Fire Department delivered fire safety presentations to **over 120 locations** including schools, workplaces, residential facilities, and community organization. We participated in **3** parades and attended **17** non-profit organizations and church events. We also displayed apparatus at schools for career day.

FIRE PREVENTION WEEK

Deltona's elementary school children make up the greatest number of residents reached. This occurred during Fire Prevention Month this past October. The Deltona Fire

Department performed **30 presentations** and reached over **3,000** children and teachers.

OPEN HOUSE AND PINK TRUCK

In November, the Deltona Fire Department had its biggest event of the year, the **Open House & Pink Heals Tour**. This event attracted **over 3,000 residents** and involved various demonstrations, a 5k run, raffles, face painting and food. The Pink Heals Tour is a non-profit organization dependent on donors that supports local women recovering from an illness.



COMMUNITY SERVICES

- **Blood Pressure Checks:** Individuals may stop by any local fire station for a free blood pressure check.
- **Child Safety Seat Program:** In 2014 we had **15** certified car seat technicians spread out through all stations and during every shift, and they installed a total of **44 car seats** for Deltona citizens.
- **Smoke Detectors:** The Deltona Fire Department provided residents with **200** free smoke detectors.
- **Station Tours:** The Deltona Fire Department welcomes tours of the fire stations and trucks. Station tours last approximately 30 minutes and include viewing the fire engine, firefighter equipment, fire gear, emergency medical equipment, living quarters, and a short presentation concerning fire safety.

PUBLIC EDUCATION & COMMUNITY INVOLVEMENT

- **Juvenile Fire setter Program:** This class is taught on a case-by-case basis for children with a history of setting fires. Participants learn about the dangers and consequences of setting fires.
- **Public Service Announcement:** Create safety media announcements.
- **Fire Explorer Program:** The Deltona Fire Explorer Post is a "Learning for Life" educational program sponsored by the Deltona Fire Department and chartered through the Boy Scouts of America. The Post memberships are youth, male and female, who have a desire to learn what it is like to have a career as a firefighter.
- **Fire Truck Scheduling/Static Display:** Fire trucks may be scheduled for a show and tell appearance.

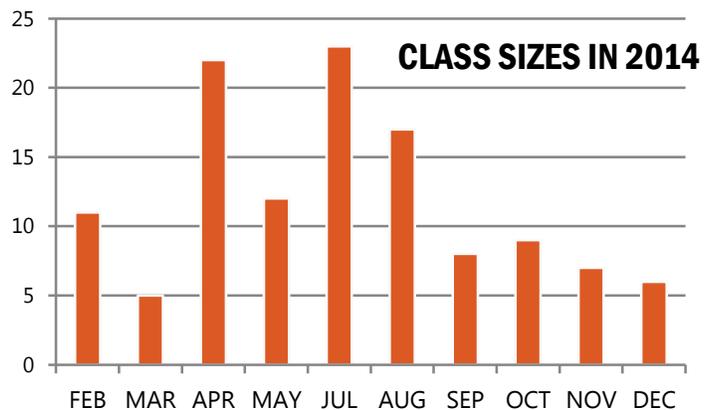


CPR & FIRST AID COURSES

The Deltona Fire Department offers various CPR and First Aid certification courses to the community every month. These courses are offered to citizens requiring a CPR certification or any healthcare professional who is required to be BLS certified.

Throughout the year we conducted **17** various courses and our certified instructors taught a total of **120 students**. The breakdown of the courses offered are as follows, with an adjacent chart displaying the class sizes by month:

- **6 courses** of the American Heart Association *Basic Life Support for Healthcare Providers*
- **4 courses** of the American Heart Association *Renewal of Basic Life Support for Healthcare Providers*
- **2 courses** of the American Safety & Health Institute *Basic First Aid*
- **5 courses** of the American Safety & Health Institute *CPR & AED*



CAPITAL IMPROVEMENTS

The Deltona Fire Department is actively working on implementing several capital improvement projects. Below is an overview of some of the completed and projected department projects.

CAPITAL IMPROVEMENT PROJECTS COMPLETED IN 2014

- **PHASE 1 OF THE OPTICOM SYSTEM** - Opticom is a traffic interruption system that utilizes a vehicle integrated GPS system that changes traffic lights for fire department vehicles while responding to emergency calls. Phase 1 installation was for the traffic lights directly in front of or adjacent to the fire houses.
- **EMS VENDING MACHINES** - The EMS vending machine program allows the department to provide instant access to medications and medical supplies to field crews through a secure 24/7 system without the need for additional staff interaction. This system provides an audit track for each distribution allowing the department to track the item as to the date, time, unit, call and person requesting the item.

PROJECTED CAPITAL IMPROVEMENT PROJECTS FOR 2015

- **PHASE 2 OF THE OPTICOM SYSTEM** - Phase 2 of the Opticom system will involve the installation of the traffic interruption system in 10 additional intersections within the city. This phase prioritizes intersections closest to the 5 fire stations.
- **REPLACEMENT OF SELF CONTAINED BREATHING APPARATUS (SCBA)** - With the majority of the SCBA air bottles reaching their usable life and the current inventory of air packs outdated and in need of replacement, the department will be replacing the entire inventory of SCBA packs and bottles.
- **WOODS TRUCK REPLACEMENT** - Currently the department utilizes 4 Woods Trucks, two of which are in poor shape and are in need of replacement. The department budgeted for the replacement of one Woods truck for this fiscal year. Instead of replacing one truck with a new truck the department is looking to purchase 2 used trucks at the same amount budgeted for this fiscal year.

CONCLUSION

The **City of Deltona Fire Department** is a proactive organization that strives to provide effective and efficient services to our growing community. We believe in accomplishing our mission by providing our residents with education and information on fire safety, emergency preparedness and first aid assists.



The dedicated men and women of the City of Deltona Fire Department are an important key to our continued success. It is through their enthusiasm and endless efforts that we can continue to maintain a proactive stance, move forward, and develop new and innovative approaches to service delivery in our community.

OUR MISSION

To contribute to maintaining and improving the quality of life of the community we serve by providing proactive community education, emergency services, and preventative measures.