



# SEMINOLE COUNTY FIRE DEPARTMENT

READY TO RESPOND • WILLING TO CARE • TRAINED TO MAKE A DIFFERENCE

## 2011 ANNUAL REPORT

A REVIEW OF OUR STATISTICS AND MAJOR ACCOMPLISHMENTS



# SEMINOLE COUNTY FIRE DEPARTMENT

READY TO RESPOND • WILLING TO CARE • TRAINED TO MAKE A DIFFERENCE

## Message from the Chief...

Nearing what is considered a metro fire department because of its size, SCFD has seen impacts to many aspects of the organization including operations, resource management and technology. The department growth combined with falling revenue has created unique challenges. In order to convey the department's needs, commitment to performance measures are critical as is the ability to capture them. This capturing is a key piece of technology advancements.

Total Response Time is a critical performance for evaluation. NFPA 1710 breaks this into 3 phases to include the time it takes to handle the alarm (processing of the 911 call), turnout (dispatched units on their way) and travel time of units, and thirdly, the initiating of action and intervention time.

To be effective as first responders, all of these aspects must work together. With the implementation of new tools to assist with the collection of information, SCFD will be able to better assess data for purpose of benchmarking. We must know how we are doing and how we compare to others.

Our goals of 5 minute average response time, trained personnel, adequate resources, constant prevention and go home safe are backed by maintaining priorities. Priorities continue to be reinforced as evidenced in this annual report. Some of those priorities include training, health and wellness, facility improvements, financial accountability, customer service, operational focus and follow through.

The most valuable asset of SCFD continues to be its members who are well trained, compassionate and dedicated to the service they provide. This annual report demonstrates the amount of effort it takes to *Be Ready to Respond, Willing to Care and Trained to Make a Difference.*

Sincerely,



Leeanna Mims,  
Fire Chief



## FINANCE

\* FY 10/11 Adopted Budget ..... \$46,264,590

- ✓ Grants
  - SHSGP/HazMat/US&R \$463,979
  - Hazardous Response \$25,440
  - Safe Kids \$934



## OPERATIONS

\* **Seminole County Incident Management System Manual**

- ✓ Completed Final Draft for Executive Fire Chiefs' Group

\* **Battalion Chief Vehicles**

- ✓ Completed Specs
- ✓ Submitted for Sustainment

\* **Rescue Units**

- ✓ Completed Specs
- ✓ Took Delivery Rescue 26

\* **Engine Units**

- ✓ Completed Specs to Include On-Board Generator, Enhanced LED Lighting Package for Scene Safety and Short Wheel Base.

\* **Tower Units**

- ✓ Tower Specs Completed
- ✓ Standardization Completed

\* **Protective Clothing Ensemble**

- ✓ Bunker Gear – Second Sets Purchased
- ✓ Wildland Firefighting Gear
  - Specs Completed
  - Issued New Equipment to Burn Team

\* **Large Event Management**

- ✓ Red Hot and Boom
- ✓ Scottish Highland Games
- ✓ Altamonte Jazz Festival
- ✓ Soccer Event at Seminole Soccer Club and Lake Sylvan Park

\* **UCF Internship Partnerships**

- ✓ One Successful Internship with UCF

\* **Mitigation Plan Participation**

- ✓ Trail Marking Program with Sheriff's Office, Division of Forestry and Natural Lands

\* **Homeland Security and Funding Committees**

- ✓ Local/Regional/State Participation

\* **Operations and Special Teams**

- ✓ Extrication
  - Finished and Completed Hurst Tool Standardization
  - In-Service Training To Division Personnel
  - Instruction of Vehicle Machinery Rescue Operations and Technician Level Courses



# SEMINOLE COUNTY FIRE DEPARTMENT

2011 PRIORITIES, BUDGET, ACCOMPLISHMENTS & AWARDS



## OPERATIONS (Cont'd)

### ✓ Dive Operations

- Dive Rescue International and PADI Standardization
- In-House Instructors Certified to PADI and VIP Level
- In House Repair Technicians
- NFPA 1670 Diver Competencies
- Equipment Standardization to include:
  - Addition of Communications Lines
  - All Diver BC, Mask, Regulator
  - Equipment in Service on 5 units around County



### ✓ Special Hazards and Operations

- Gas Line Emergency Tool and Procedure Standardization
- Established Competency Standards Compliant with NFPA 1670 and State Operational Readiness Evaluation
- Trench Train the Trainer Conducted
- IMS Re-Write For Special Operations

### ✓ Tower Operations

- Competency Standards Compliance with NFPA 1670
- Completed High Angle Standardization

### ✓ Burn Operations

- Team Participation and Management Process
- Member Attended Numerous Courses for enhanced Knowledge and Compliance with State Deployment Requirements
- Burn Team Prescribed Burns are as follows:
  - Natural Lands Property - 3 burns for a total of 28 acres
  - Solid Waste (Landfill) - 7 burns for a total of 83 acres
- Major Wildfires Burn Team members assisted with during severity (Drought Conditions and DOF response)
- 6 Named Fires with a Total of 31 Acres (Deep Ditch, Two Pond, Boars Nest, Red Head, and Brumley Canal Fires), A SCFD Task Force Was Deployed To Assist with the Iron Horse Fire in Brevard County.

### ✓ Florida Task Force 4

- New SCFD Members: Sam Thurmond, Bill Lange and Matt Foster
- Steve Edmiston named as Medical Section Coordinator
- Communications updated ensuring Statewide Communications
- Task Force member video made and distributed to the RDSTF
- Our team was asked to provide two cost estimates for deployments
- Wasp integration began to improve our inventory
- Classes attended by members
  - Attended Structural Collapse (8)
  - Attended VMR (3)
  - Attended SCT 3 at TEEX (2)
  - Attended SCT 5 at TEEX (2)
  - Attended Safety Officer at TEEX (1)
  - Attended Technical Search Spec. (9)
  - Attended Rope Tech (3)
  - Attended Structural Specialist 1 (2)
  - Attended Canine Search Specialist at TEEX (2)
  - Annual Meeting (79)
  - ATV class (7)
  - MobEx (83)
  - Trench Tech (1)
  - Operation Integration (30)
  - ADSAR (30)
  - CDL (6)
  - Amputation Class (5)
  - Confined Space (42)



## OPERATIONS (Cont'd)

### ✓ Florida Task Force 4 (Cont'd)

- VMR Refresher (46)
- Rope Rescue Refresher (57)
- Lifting and Moving (48)
- Communications Training (7)
- ADSAR Training Drill (19)
- ATV Search and Rescue Class (8)
- Breaching and Breaking Refresher (59)



### \* EMS Operations

#### ✓ Performance Indicator Highlights:

- Recognition 100% of the time and appropriate transport of patients suffering from ST Elevation Myocardial Infarctions (STEMI) .
- Strokes – 93% proper recognition and transport to appropriate facility.
- Survival of cardiac arrest (return of spontaneous circulation) – Crews had a 33% rate of return of spontaneous circulation for out of hospital cardiac arrest. In perspective the national average for survival is less than 6%, putting SCFD at five times the national average.

#### ✓ Certification:

- SCFD Became the Second Accredited Fire Department in Florida under the Commission on Accreditation of Ambulance Services (CAAS).
- SCFD was given a Surprise State of Florida Bureau of EMS inspection - received high accolades excellent inspection.
- Completed the triennial renewal of the Certificate of Public Convenience and Necessity (COPCN).
- 14 personnel completed Seminole State College paramedic program.
- 16 Employees completed the Paramedic Clinical Assessment Program (PCAP) and were released to practice independently.



#### ✓ Equipment:

- Six new LifePak 15 monitors purchased and placed in service on Rescues 11, 13, 23, 24, 34, 65.
- EMS Operations completed a major overhaul of the Mass Casualty Trailer (MCI), reorganized all equipment and catalogued supplies in special bins.
- Annual maintenance and recertification of LifePak monitors completed in December with excellent reviews and minimal repairs.
- All Power-Pro stretchers and Stair Chairs inspected and serviced – no major deficiencies noted.
- Completed the transition of the old controlled substances safes at the designated battalion stations to new state of the art biometric locking mechanisms. These safes enhanced our monitoring and accountability of all controlled substances.
- Research and Development of equipment/drug bag transition from Pelican cases to new soft "backpack" style bags that will help in equipment carry for EMS responses.
- Working on new rescue apparatus truck specifications for the fleet.

#### ✓ Personnel Safety and Protection:

- Completed mandatory annual training in infection control as required by the state for all personnel.
- Provided 400 flu vaccines to Fire and Sheriff's office personnel. Also, provided an additional 300 flu vaccines to BCC Employees.

#### ✓ Administrative:

- In collaboration with planning, worked on RFI, selection and implementation of a new comprehensive records management system with ImageTrend, Inc. of Minnesota.

# SEMINOLE COUNTY FIRE DEPARTMENT

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## PLANNING & RESOURCE MANAGEMENT

### \* Professional Standards & Training

#### ✓ Hiring Process

- 96 applicants assessed 1 hiring process
- Orientation for 17 new hires Class 1101



#### ✓ Firefighter Training –66,543 hours

- Pump Operator 80 hr & 40 hr
- Residential Fire Attack
- IPSLEI Leadership Class (160 hr)
- Commercial Fire Attack
- CEVO Engine and Rescue Driving
- Building Construction FFP 2120
- Fire Service Course Delivery FFP1740
- Fire Service Course Design FFP 2741
- Firefighting Tactics I FFP1810
- Firefighting Tactics II FFP 2811
- Fire Prevention Practices FFP 1505
- Private Fire Protection Systems FFP1540
- Fire Company Officer FFP2720
- Documents and Plans Review FFP 2521
- National Fire Academy - Emergency Response to Terrorism
- Child Passenger Safety Technician
- Fire Service Hydraulics FFP1301
- Incident Management System Update RN7544
- Organizational Risk Management PD7111
- Public Information Officer FFP2706
- Sabal Club Structure Training
- Flame Sim
- Live Fire Drills at SSC
- Cancer in the Fire Service
- Firefighter Rehab
- 2 Annual Multi-Agency Drills
- Urban Search & Rescue Drills



#### ✓ EMS Training – 24,909

- CPR/ACLS/PEPP/PHTLS
- Medical Director Meetings
- Protocol Review for New Paramedics
- ECG Refresher
- 12 Lead Class



#### ✓ Special Operations Training

- Technical Rescue 13,677 hours
- Confined Space/VMR/Rope Rescue
- Trench Rescue Train the Trainer
- Hazmat Tech (160hr)
- SHOT Competency Drills
- CBRNE Hazmat Medic Essentials
- Hazardous Materials Training 4,374 Hours

#### ✓ Professional Standards

- Tactical Fitness Team selected (former Peer Fitness team)
- Fitness Assessments 189 Completed
- Incumbant Physical Agility Test (IPAT) 341 Completed
- Battalion Chief Promotional Process
- SCFD becomes "National Testing Network" Site (only 3 in State)



## PLANNING & RESOURCE MANAGEMENT (Cont'd)

### ✓ Professional Standards (Cont'd)

- Fire Team Testing
- Candidate Physical Agility Test (CPAT) 172 Tested
- Lieutenants Academy
- Gordon Graham Seminar
- CDL Testing
- Mask Fit Testing 362 Completed
- CERT Refresher Drills

### ✓ Public Education

- Don't text posters
- MOCK DUI Presentations – 6,000 attendees
- Hypertermia Display at David Maus Chevrolet
- Child Passenger Safety: 2 Certification Classes, 2 Recerts, & 1 Renewal



### ✓ Public Outreach

- Toy Distribution to Families in Transition in partnership with The Remington at Station 12 on 12/23/11
- Public School – Classroom Readings – 200 students
- Breast Cancer Awareness



Public Outreach	# Events	# Reached
AWARENESS ONLY	16	Unknown
BIKE TEAM/RODEO	2	200
FIRE EXTINGUISHER TRAINING	6	460
FIRE SAFETY	4	190
PUBLIC EDUCATION	94	14,365
PUBLIC RELATIONS	34	29,130
STAND BY	65	135,425
SMOKE DETECTOR BATTERY	6	16
SMOKE DETECTOR INSTALLATION	18	31
SANTA EXPRESS	52	17,250
STATION TOUR/EDUCATION	84	1,768
UNIT DISPLAY	88	32,723
<b>GRAND TOTALS:</b>	<b>469</b>	<b>231,558</b>

### ✓ Media Relations

- 692 Media Contacts

### ✓ Apparatus

- Rescue 26 Delivered
- Aerial Ladders 200ft. Tested
- Pump Tests 28 Completed
- Ground Ladder Tests 1,966 feet
- Annual Hose Tests 108,000 feet
- Database for Vehicle and Gas Powered Equipment Repairs and Costs
- Tanker Trailer 24 Project



### ✓ Technology

- Installation of Hurricane resistant bay doors and windows at 7 fire stations provided by HMPG grant.
- Implementation of Phase 1 for replacement of Mobile Data Computers.
- Implementation of ImageTrend Fire and EMS Reporting software.
- Implementation of Phase 1 of purchasing equipment for point-of-care patient charting.

### ✓ Facilities

- Station 36 Sewer Completed
- Station 26 Station Generator Completed
- Stations 34 & 43 Fuel Tanks
- Station 12 Roof Skylight Replacement

# SEMINOLE COUNTY FIRE DEPARTMENT

2011 PRIORITIES, BUDGET, ACCOMPLISHMENTS & AWARDS



## PLANNING & RESOURCE MANAGEMENT (Cont'd)

### ✓ Logistics

- Inventory Management System Implemented
- Laundry Capabilities Enhanced
- Protective Clothing 338 Laundered
- Delivery Efficiency Improved -Enclosed Trailer
- Purchase Request 401 Processed
- Station Deliveries 648



## FIRE MARSHAL'S OFFICE

### \* Plans Review/Inspections

- ✓ Site Plan Reviews – 295
- ✓ Building Plan Reviews – 627
- ✓ Fire Protection System Plan Reviews – 463
- ✓ New Construction Inspections – 1317
- ✓ Ongoing Compliance Inspections – 1899
- ✓ False Alarm Inspections – 139

### \* Accomplishments

- ✓ 100% Completion of Inspections of Schools, Childcare Facilities, Adult Care Facilities
- ✓ 67% Compliance with Re-Inspections of Apartments/Condos
- ✓ Initiation of Assembly Occupancy Inspections
- ✓ Update of Land Development Code Public Safety Standards
- ✓ Preparation for Electronic Plan Review, Including Training
- ✓ Migration of Inspection Data to SharePoint
- ✓ Began Inspection Program of Fire Protection Storage Tanks
- ✓ 2011 Major Projects:
  - Wal-Mart –Deep Lake Rd Store -Started
  - Andover at Winter Park Upgrade of Fire Alarm Systems, 70% complete
  - Choices In Learning Charter School construction completed, 434 Winter Springs
  - Howell Branch Cove - construction completed
  - Ligonier Academy of Biblical and Theological Studies, St. Andrews Church - construction completed
  - Yankee Lake - construction completed



## AWARDS & RECOGNITIONS

### Medal of Gallantry

- \* Brian D. Middleton, FF (C Shift)
- \* Matthew W. Foster, FF/PM (C Shift)

### Firefighter of the Year

- \* Troy K. Todak

### Frank J. Kucera

### Lieutenant of the Year

- \* John G. Jones, Lt/P (C Shift)

### Rookie Firefighter of the Year

- \* Marcus A. Gombs, Firefighter

### Special Recognition Award Station 12/A Paramedics

- \* David M. McDonald
- \* Mario S. Mihaucich

### Special Recognition Award Rescue Standardization Project

- \* FF/P James F. Harter
- \* FF Bradley H. Dickey
- \* FF/P Gregory Harlow
- \* FF Daniel J. McLaughlin
- \* FF Michael A. Sanchez
- \* FF Christopher M. Tulip
- \* FF James F. Ryan
- \* FF Roger W. Smathers
- \* FF David K. Harris

### Community Service Award

- \* Ed Davis \*Randy Hatch

### Unit Team Citations:

#### Cardiac Arrest - February 14, 2011

- \* Lt/P Craig S. Lawson
- \* FF Anthony J. Bowman
- \* FF/P Sigfredo O. Marquez
- \* FF Reid M. Seemann
- \* FF/P Steven B. Vasey



ORMC Recognized SCFD for a March 2011 Lifesaving Incident: Pictured L to R: Div. Chief Mustafa, EMS Chief; Firefighter/Paramedic John Wilson; Firefighter/Paramedic Clint Moore, Mrs. Darleen Williams, Clinical Nurse Specialist at ORMC; and Firefighter/Paramedic Tommy Reyes.



Chief Ivan Mustafa was awarded the Sons of the American Revolution EMS Award in 2011.

### Unit Team Citations (Cont'd)

#### Cardiac Arrest – February 23, 2011

- \* BC/P Jeff Ward
- \* Lt/P David M. Grant
- \* FF Colby W. Harkrader
- \* FF John A. Thomas
- \* FF/P Steven B. Vasey

#### MVC – Unstable Airway – Cric – March 21, 2011

- \* LT/P Michael Hodak
- \* FF James F.X. DePierro
- \* FF/P Kristopher B. James
- \* FF/P Clint A. Moore
- \* FF/P Tomas Reyes
- \* FF/P John F. Wilson

### Life Saving Awards:

#### Drowning – Cardiac Arrest – March 27, 2011

- \* LT/P Robert Castlen
- \* FF Christopher A. DeTrano
- \* FF Paul J. Hammerl
- \* FF Elgin "Brad" H. Myers
- \* FF/P Timothy J. Van Fleet

#### MVC – Unstable Airway – Cric – March 21, 2011

- \* LT/P Michael Hodak
- \* FF James F.X. DePierro
- \* FF/P Kristopher B. James
- \* FF/P Clint A. Moore
- \* FF/P Tomas Reyes
- \* FF/P John F. Wilson

#### MVC – Cardiac Arrest

- \* AC Mark W. Oakes
- \* DC/P Timothy G. Nicholson
- \* Lt/P Tod J. Zellers
- \* FF Robert J. Cruthis
- \* FF/P James R. Garrison
- \* FF/P Jason P. Rappa

## PROMOTIONS AND RETIREMENTS

### 2011 Retirements

- \* Allen B. Coop
- \* Rick M. Cosentino
- \* Dale R. Ellis
- \* Granville S. Eubanks
- \* Peter J. Giglietta
- \* Keith L. Guglielmello
- \* Steven L. Jones
- \* Timothy M. Prince
- \* William Rivera, Jr.
- \* Mark R. Schmude
- \* John S. Strickland
- \* Richard J. Webb

### Promotions

#### Battalion Chief

- \* Bryon E. Chaney

#### Lieutenants:

- \* John R. Bennett
- \* Joel J. Herrera
- \* Jolene O. Shaffer
- \* Erin Stevens



Lt. Dave Williams was recognized as Firefighter of the Year by American Legion Oviedo Post #243

## HONOR GUARD

- \* Participated in Special Events, Ceremonies and Funerals



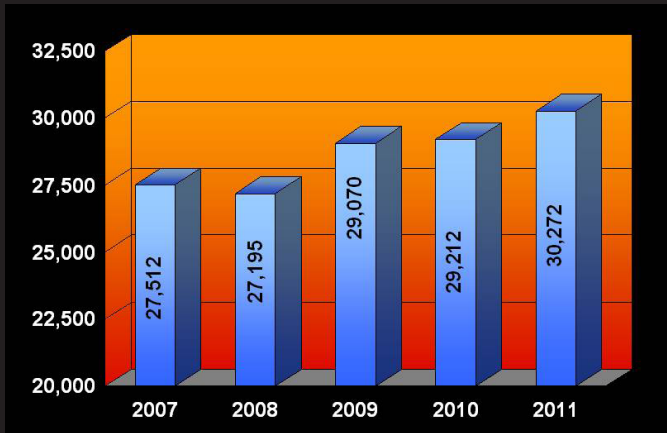
## REMEMBRANCE

- \* Vernon G. Weinhart, Lt. SCFD Retired

# SEMINOLE COUNTY FIRE DEPARTMENT

READY TO RESPOND • WILLING TO CARE • TRAINED TO MAKE A DIFFERENCE

## YEARLY COUNTY EMERGENCY RESPONSES



## 2011 RESPONSE STATISTICS

Category	Responses
FALSE CALLS	1,890
FIRES	711
GOOD INTENT	3,800
HAZARDOUS CONDITIONS	669
OVERPRESSURE RUPTURE, EXPLOSION, OVERHEAT	31
RESCUE & EMERGENCY MEDICAL SERVICE	20,857
SERVICE	2,277
SEVERE WEATHER OR NATURAL DISASTER	25
SPECIAL INCIDENT	12
<b>TOTAL</b>	<b>30,272</b>

## 2011 RESPONSE STATISTICS BY UNIT

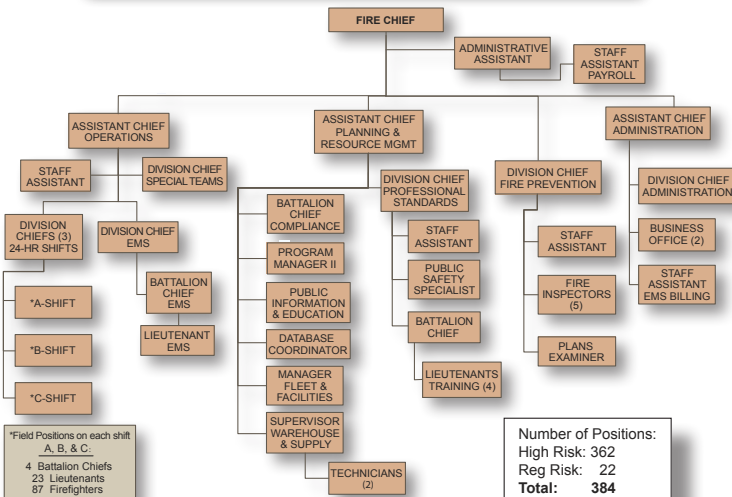
Please note: Multiple units may respond to the same call depending on the nature of the call.

Engine Unit	Responses	Special Units	Responses
E11	1,675	S2	723
E12	2,787	T12	1,332
E13	2,952	T27	933
E14	1,549	TK24	65
E16	1,317	TK34	26
E22	1,601	TK42	146
E23	1,529	WD11	88
E24	1,468	WD16	47
E26	959	WD27	79
E27	1,854	WD34	80
E34	1,504	WD35	88
E35	1,206	WD41	81
E36	1,409	WD42	133
E41	622	WD43	80
E42	536	<b>Total</b>	<b>3,314</b>
E43	638		
<b>Total</b>	<b>21,524</b>		

Rescue Unit	Responses	Command & Staff Responses	
R11	1,812	BC1	1,105
R12	2,824	BC2	627
R13	2,564	BC3	756
R14	766	BC4	407
R16	1,299	TECH1	445
R22	1,763	<b>Total</b>	<b>2,833</b>
R23	1,637		
R24	1,320		
R26	879		
R27	1,785		
R28	587		
R34	1,330		
R35	1,128		
R36	1,185		
R41	752		
R42	428		
R43	558		
R65	2,028		
<b>Total</b>	<b>23,678</b>		



## EMS/FIRE/RESCUE DIVISION ORG CHART



## COUNTY FIRE STATION LOCATION MAP

