



Seminole County Fire Department 2022 ANNUAL REPORT

150 Eslinger Way, Sanford, FL 32773
seminolecountyfl.gov/firedepartment

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FIRE CHIEF'S MESSAGE:

On the heels of a top-tier fire department ranking of ISO-1, 2022 was a year of continued strong momentum for the 571 personnel proudly representing your Seminole County Fire Department (SCFD).

From establishing new services, such as the innovative Community Paramedicine Program, to acquiring new apparatus to better serve our citizens, to embracing technology to significantly cut down on trail response times, the trajectory of progress and innovation at SCFD continues upwards.

At SCFD, **I am honored to lead a department of committed, fiercely loyal and highly skilled individuals who provide unmatched service to our citizens and visitors.**

Since our inception in 1974, we have been committed to providing

the best services necessary for the preservation of life and property throughout Seminole County.

SCFD ultimately provides the services and capabilities of a world-class, all-hazards metro fire department, while maintaining the culture and community focus of a local, hometown fire department. Ask anyone who has risen among the ranks and most will echo the sentiments below of Lieutenant Anthony Vargas.

Please enjoy our 2022 annual report that showcases a snapshot of our annual milestones.

Fire Chief Matt Kinley
Seminole County Fire Department



I grew up near Fire Station 27, and I always wanted to work for my hometown. Most of our department lives or grew up in Seminole County, and we want the best for our neighbors and all citizens. We are a department that is progressive in fire and EMS tactics, and we offer lots of growth opportunities

-Lt. Anthony Vargas, promoted in 2022



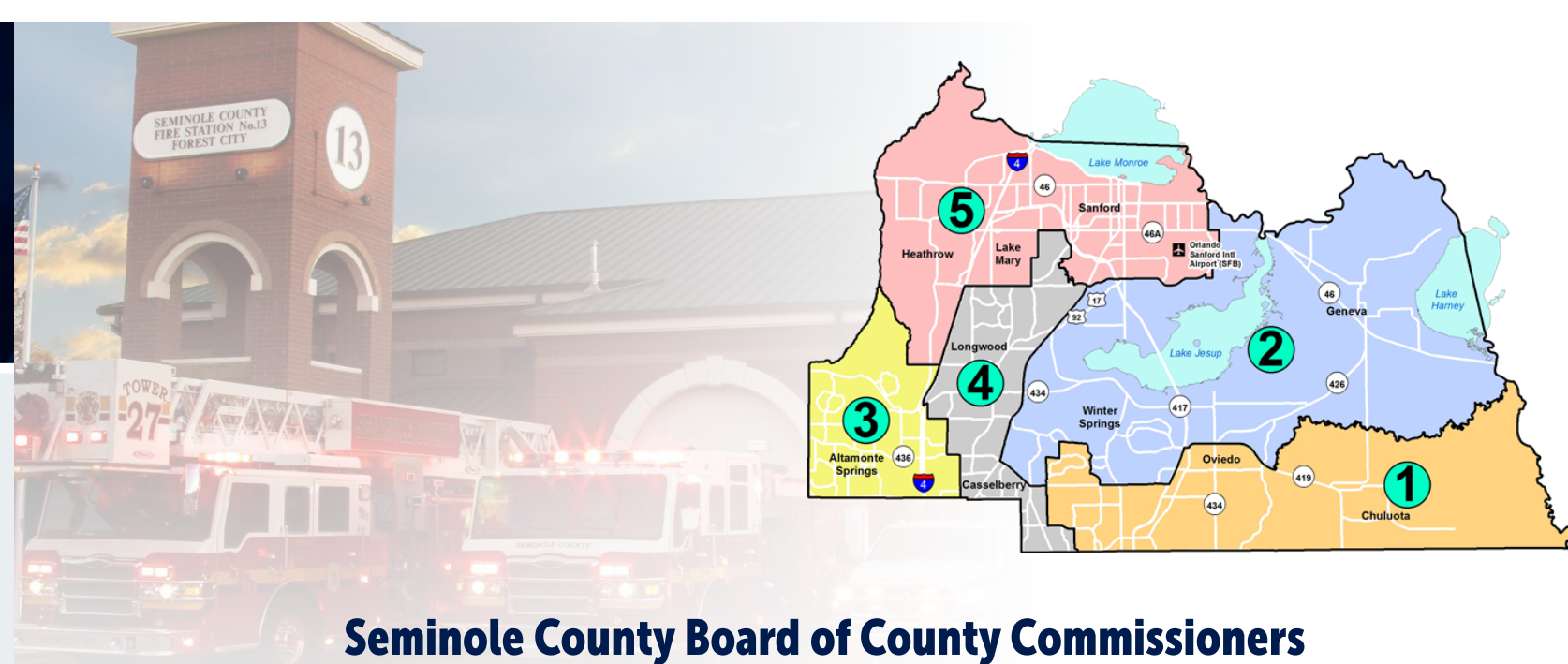
Firefighter/Paramedic Nick Calzone promoted to the rank of Engineer



SCFD FACT: SCFD is one of three County Fire Departments in Florida with a top ISO Class 1 rating. Learn how this benefits YOU at seminolecountyfl.gov/ISO.

TABLE OF CONTENTS

05	At a Glance	19	Professional Standards & Training
07	Annual Highlights	21	Special Operations
08	SCFD Organizational Chart	23	Emergency Communications
09	Operations	25	Fire Prevention
13	Medical Director & EMS Operations	27	Public Information & Community Outreach
17	Fiscal	29	Fleet
18	Technology	35	Fire Stations



Seminole County Board of County Commissioners



Bob Dallari
District 1



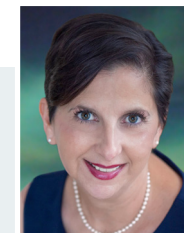
Jay Zembower
District 2



Lee Constantine
District 3



Amy Lockhart
District 4



Andria Herr
District 5

AT A GLANCE



345
SQUARE
MILES



471K
POPULATION



6,000+
ACRES OF
WILDERNESS
AREAS



140
MILES OF
TRAILS



60+
MILES OF
WATERWAYS



NEARLY
1,000
BODIES OF
WATER



20
FIRE
STATIONS



ISO
CLASS 1



92%
OF
PROPERTIES
SAVED
FROM FIRE



\$121 M
VALUE SAVED



51,080
INCIDENTS



571
PERSONNEL



50
VETERANS



59
NEW
FIREFIGHTERS
HIRED

FIRST RESPONSE
AGREEMENT ARE
IN PLACE WITH:

LAKE MARY LONGWOOD
OVIEDO SANFORD
ORLANDO SANFORD
INT'L AIRPORT

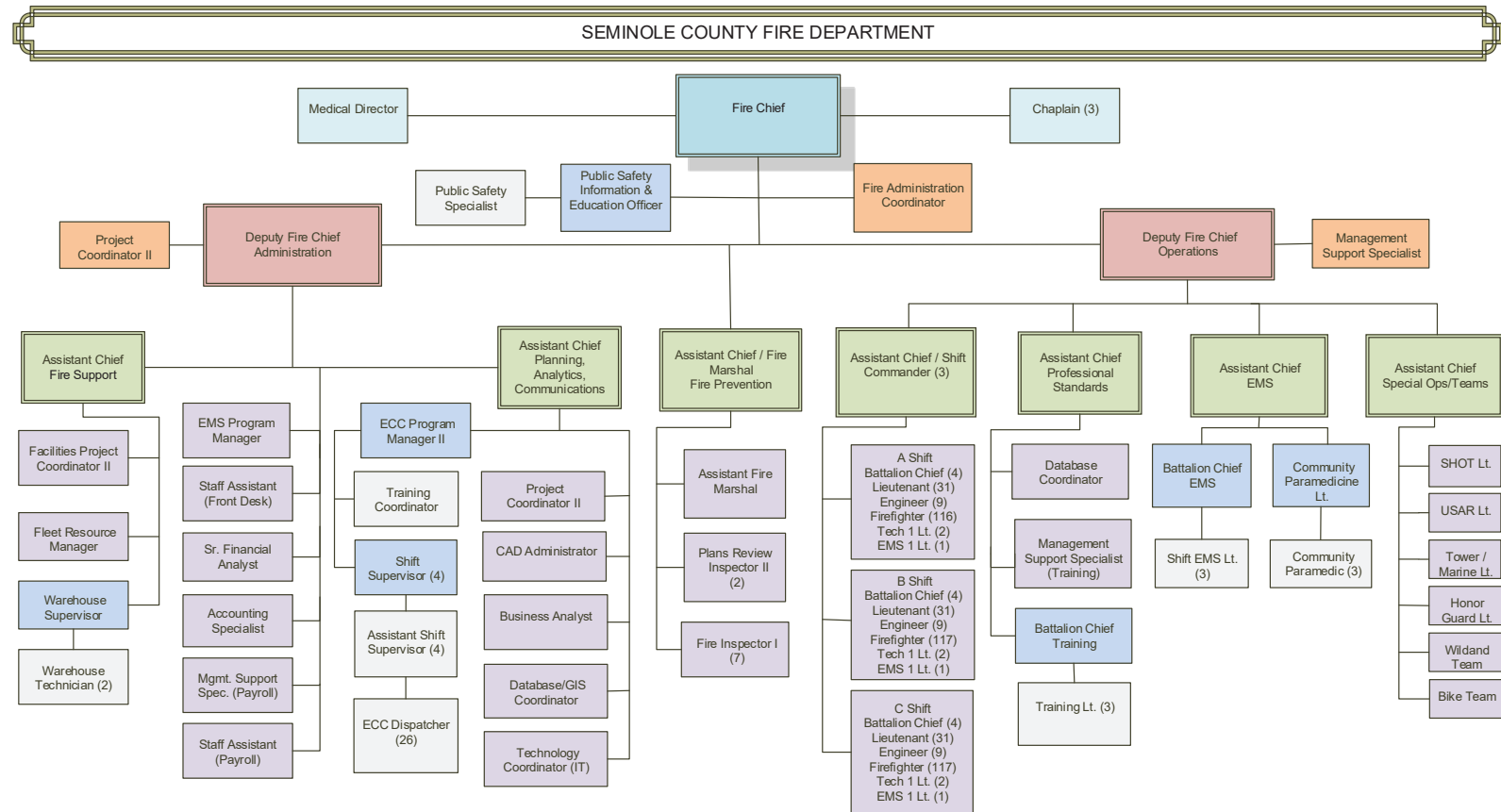


SCFD FACT: Seminole County is the 4th most densely populated county in the State.



ANNUAL HIGHLIGHTS

- Instituted the **COMMUNITY PARAMEDICINE PROGRAM**
- **19 PROMOTIONS**, including Lieutenants, Command Staff & Dispatch
- **15 ENGINEER PROMOTIONS** (new rank established)
- **44%** of new fire recruits grew up in Seminole County
- Acquired **TOWER 39, QUINT 24, AIRBOAT 42 & THREE NEW TANKERS**
- **RESPONDED TO HURRICANE IAN** and deployed personnel statewide
- Added a **4TH PERSON** to 8 Engines
- Attended more than **20 RECRUITMENT EVENTS** at local fire colleges and all Seminole County public high schools



OPERATIONS



JOHN THIBERT
Deputy Chief of Administration



BEN DECUIR
Deputy Chief of Operations



JOLENE JOYCE
Assistant Chief
A Shift



JEFF BLAKE
Assistant Chief
B Shift



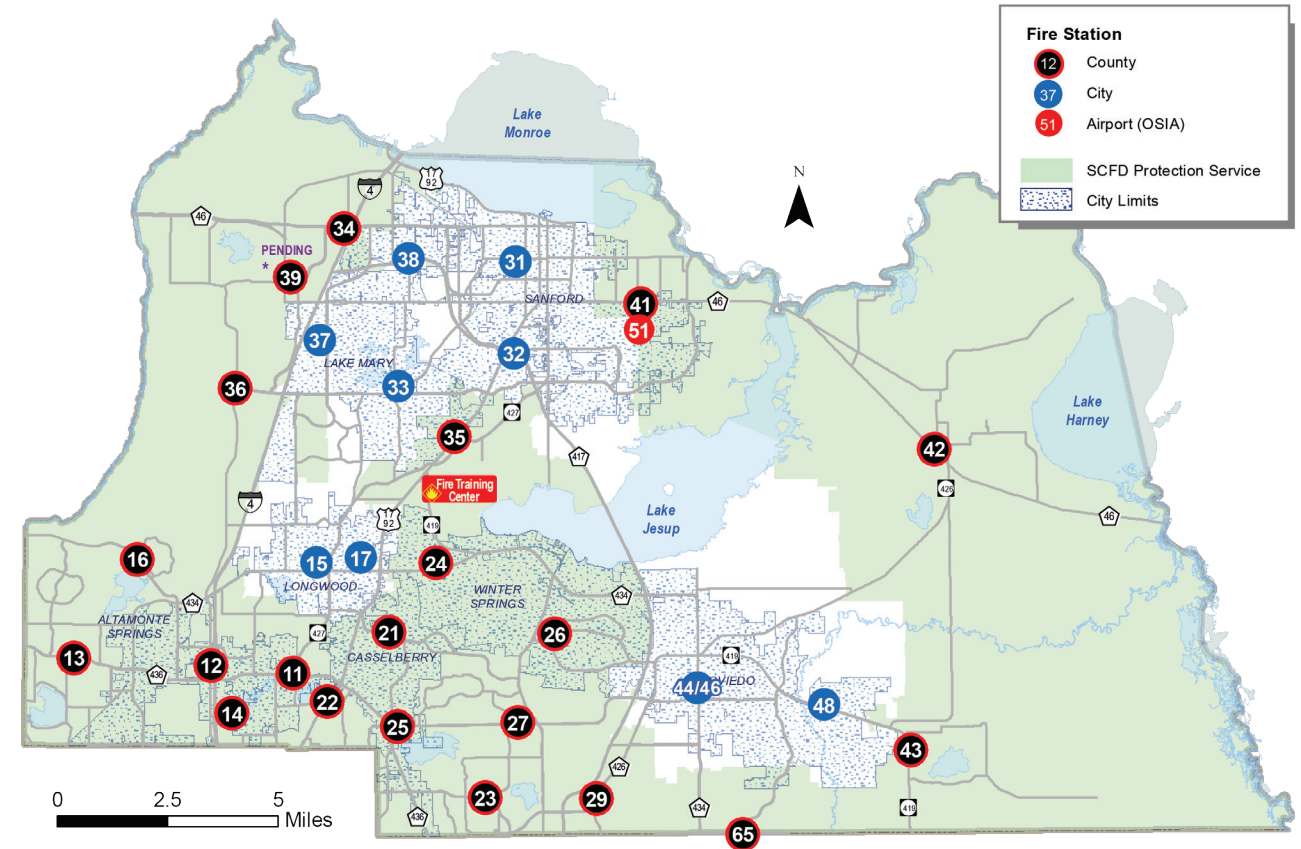
BRADLEY HAWVER
Assistant Chief
C Shift

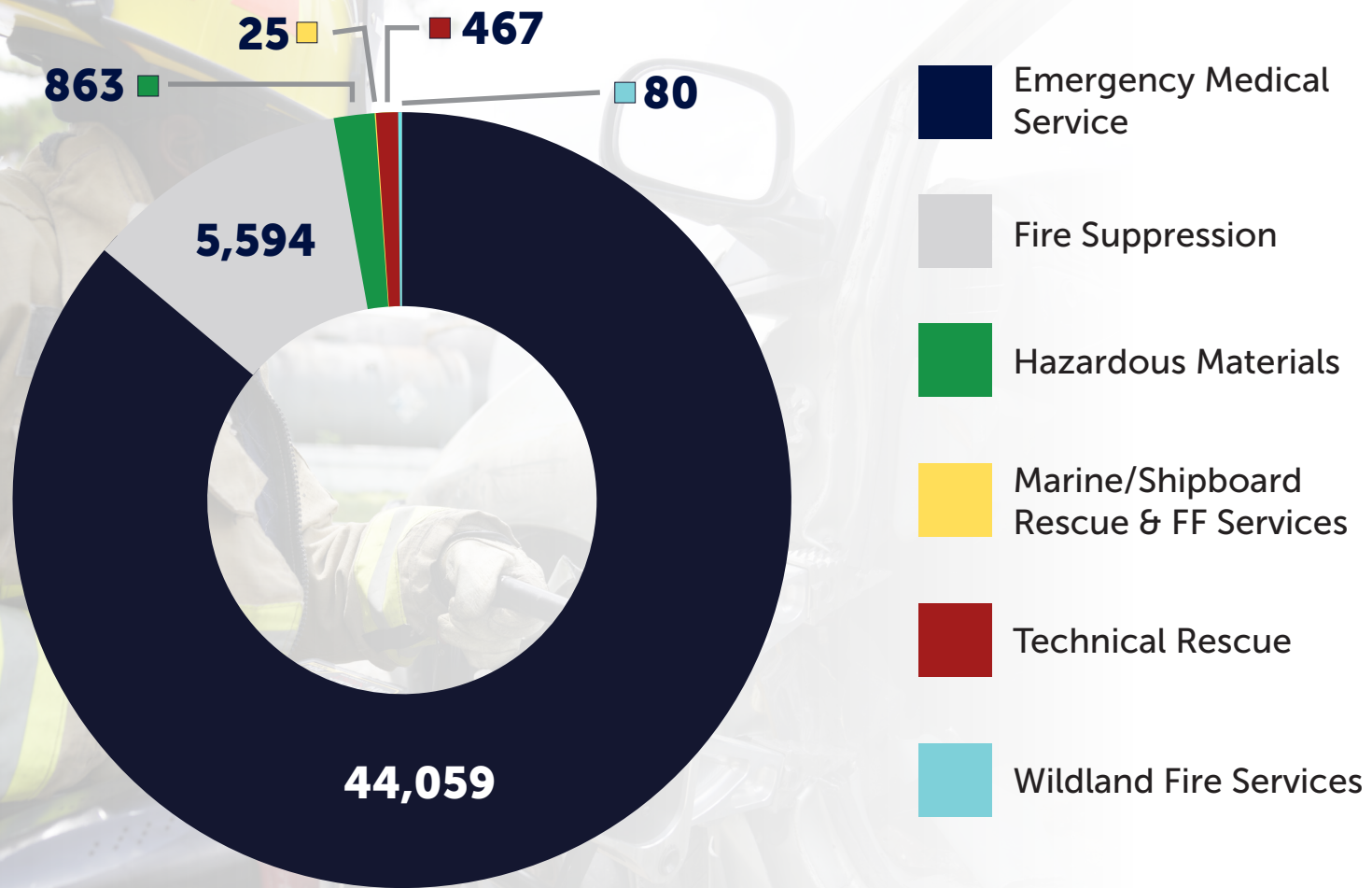
SCFD operates **three shifts** (A, B & C) led by an Assistant Chief who serves as the Shift Commander. Each Shift Commander oversees **four Battalions**, each with its designated Battalion Chief who is responsible for the stations and personnel within the area (see page 35 for more details).

Value Saved

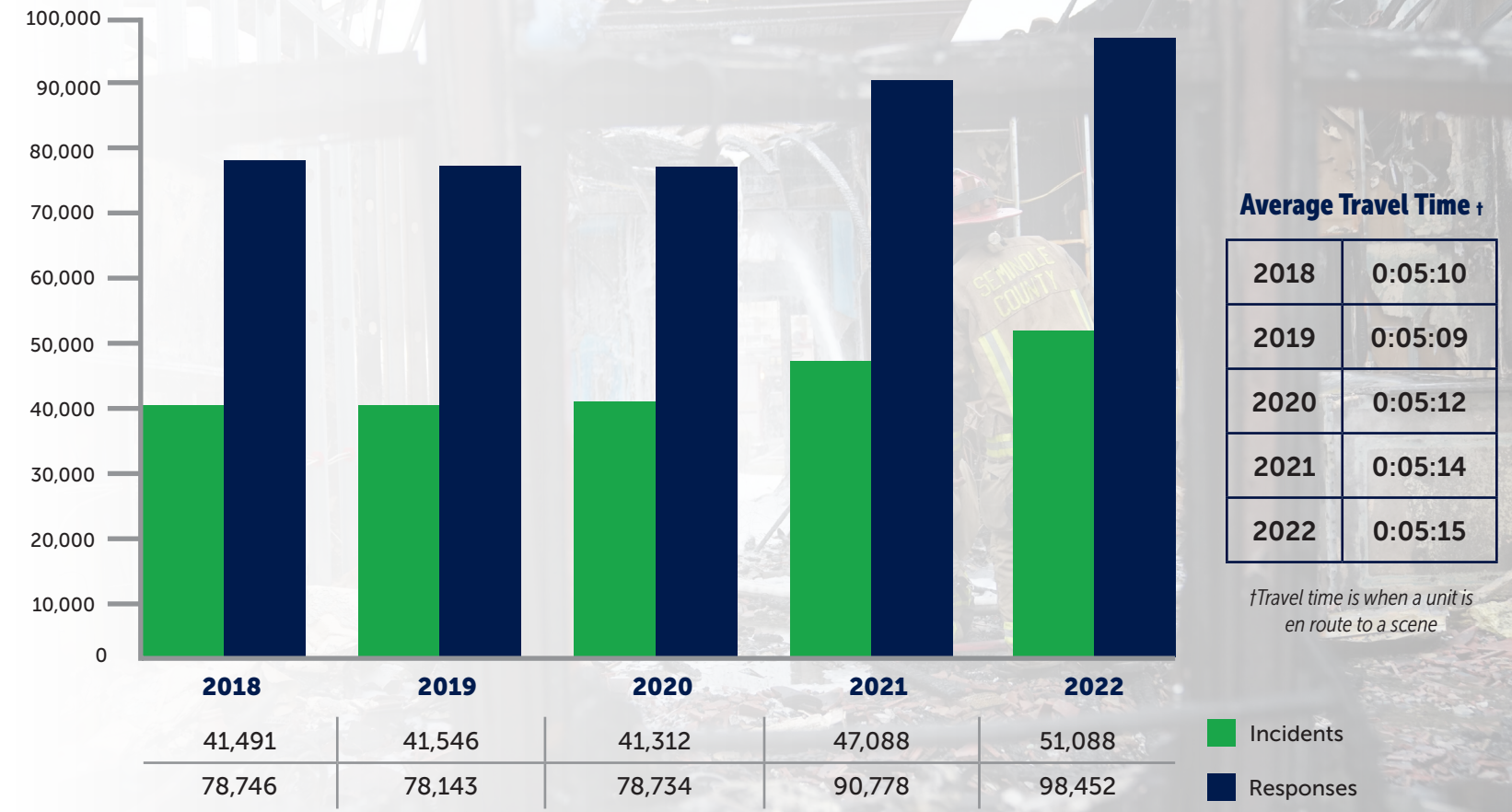
PRE-INCIDENT VALUE	LOSSES	VALUE SAVED
\$131,923,088	\$10,063,430	\$121,859,658

SCFD FACT: There are 153 Personnel staffed per shift





Total SCFD Incidents & Responses By Calendar Year



*Incidents – A call for service prompting a unit response | **Responses – when a unit and/or units respond to an incident. The call type dictates the number of units that respond.

MEDICAL DIRECTOR

EMS OPERATIONS



PROTOCOLS

PARAMEDIC AND EMT LICENSING

PARAMEDIC AND EMT COMPLIANCE/ CONTINUING EDUCATION TRAINING

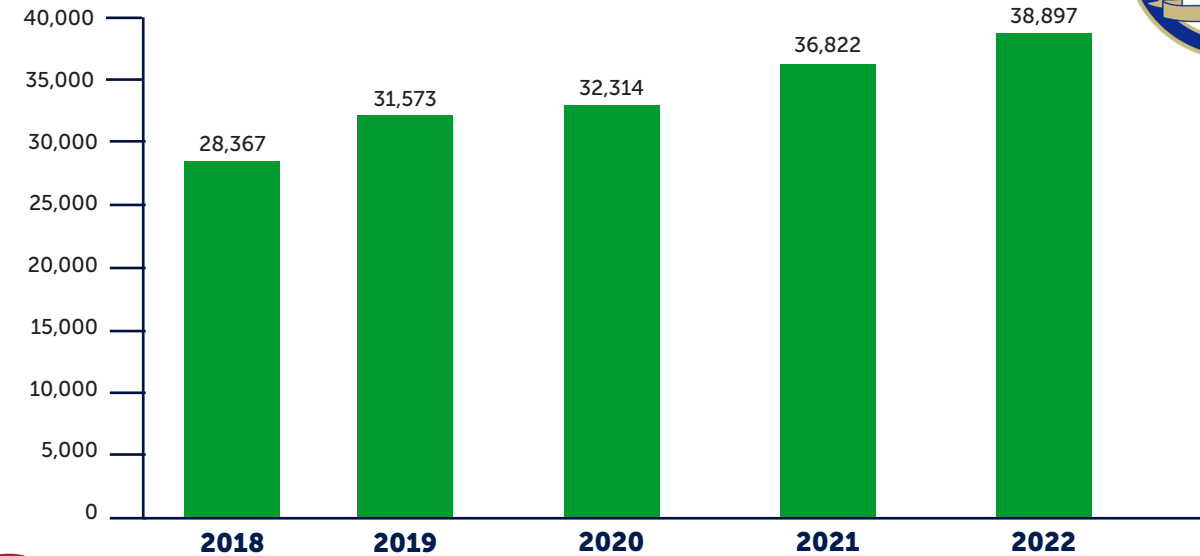
The Medical Director's Office establishes the emergency medicine protocols that Paramedics and EMTs can perform and practice under the Medical Director's license.

- SCFD staff attend monthly Medical Director meetings to discuss recent EMS calls and review quality assurance, dialogue, and training.
- In 2022, SCFD awarded 37 Life Saving Awards to personnel, and local hospitals also honored several crews for their live-saving contributions.



SCFD's 2022 Paramedic of the Year Matt Humphrey received a Life Saving Award from Deputy Chief Ben DeCuir. He was honored with the crew at Station 24 C Shift.

72% of all calls to SCFD are EMS (Emergency Medical Services) related.



The Seminole County Fire Department is recognized statewide as having some of the most advanced protocols that provide an exceptionally high level of care before our patients reach the hospital.

- Dr. Todd Husty,

Seminole County's Medical Director

Board certified in emergency medicine for more than 30 years



SCFD FACT: SCFD is one of the few County Fire Departments in the nation to attain ISO Class 1 rating and accreditation through the Commission on Accreditation of Ambulance Services (CAAS).

COMMUNITY PARAMEDICINE

In 2022, the Seminole County Fire Department began delivering proactive healthcare to County residents through the Community Paramedicine Program. This free program, targeted to specific patient populations, utilizes paramedics to provide guidance and care, while at the same time helping residents become more independent from the emergency system.

TARGET PATIENT POPULATIONS SERVED:

- High ER and 911 Utilizers
- Patients with Frequent Falls
- Diabetic Patients
- Substance Abuse Patients
- Patients with Congestive Heart Failure/Chronic Respiratory Conditions

The Community Paramedicine Program is designed to help:

- **DECREASE** the use of emergency departments
- **DECREASE** healthcare costs for County residents
- **DECREASE** stress and cost to 911/EMS
- **IMPROVE** patient outcomes, access and healthcare gaps

The Community Paramedicine Program is the type of proactive program that is greatly needed in Seminole County, especially by senior adults and caregivers. Seminole County Fire Department's Paramedics always treat my husband with such respect and dignity, and they bring not only genuine concern and help, but joy to our home.

- Marilyn Logan, Casselberry resident

+ **240**
RESIDENTS ENROLLED

🏠 **2,200**
VISITS

❤️ **10%**
ENROLLMENT RATE

BUDGET
\$80.4 Million

FIRE MILLAGE RATE :
2.7649



30 Firefighter positions are funded through a \$7.3 million federal grant for the Staffing for Adequate Fire and Emergency Response (SAFER grant)

Fiscal Year 2022 Budget Breakdown

	FY22 Adopted Budget	FY22 Actuals	FY22 Expenditures
Personnel Services	\$59,360,161	\$64,075,483	76.0%
Operating Expenditures	\$6,440,706	\$7,138,169	8.5%
Internal Service Charges	\$5,072,998	\$5,315,039	6.3%
Capital Outlay	\$9,075,250	\$6,994,784	8.3%
Grants & Aids	\$469,922	\$412,842	0.5%
Interfund Transfers Out	-	\$398,803	0.5%
Grand Total	\$80,419,037	\$84,335,120	100.0%

571 Full-Time Personnel

New technology is an integral part of SCFD's goal to remain innovative while protecting people and property in Seminole County. From Computer Aided Dispatch (CAD) and Geographic Information Systems (GIS) that help improve mapping data needed for fast responses, to Unmanned Aerial Systems (UAS) or drones that can survey incidents and damages, SCFD aims to utilize the newest technology to better serve the public in their time of greatest need.

Internal Trails Response App:

Seminole County has hundreds of miles of both paved and wilderness trails. In 2022, SCFD began utilizing an internal trails response app to find lost or injured hikers and bikers on the trail. This technology has significantly cut search and rescue times on trails from an average of 2-3 hours to 25-35 minutes.

UAS/Drones:

SCFD has 18 personnel certified to fly UAS/drone equipment. This enables the Department to:

- Provide enhanced situational awareness to on-site incident commanders through real-time, bird's-eye views
- Capture "hot spots" where fire may be present
- Enhance wide-area search capabilities
- Hurricane/emergency response and recovery operations, including locating persons needing assistance, hazards and reviewing damages as well as providing statistical analysis to improve performance



App helps rescue crews find missing hikers, bikers faster in Seminole County

Seminole County Fire Department invents app to shorten search time



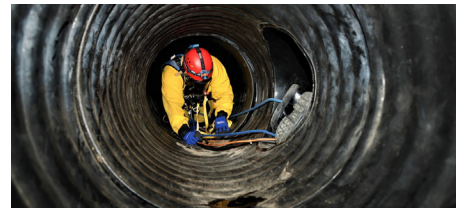
PROFESSIONAL STANDARDS & TRAINING

SCFD's 19-acre, 44,000 sq. ft. Training Center in Longwood is a hub for all fire training activities.

2022 Training:

- Structural Tower Rescue Training
- Boat and Dive Training
- Trench Classes
- Extrication Training
- EMS Training
- Special Ops Training
- Mental Health Awareness Training
- Pump Ops Training
- Quarterly Training
- Trails Training
- Tree Rescue Courses & Rope Ops

There were **59** new recruits in Classes 22-01 & 22-02



🕒 Training Hours by Category in 2022:

Driver/Operator Training – **23,198** hours

EMS Training – **13,748** hours

Firefighter Training – **112,042** hours

Hazardous Materials Training – **6,619** hours

Officer Training – **18,133** hours

Recruit Training – **12,480** hours

Training Drills – **18,889** hours

**Total Fire & EMS Training Hours:
205,109 (55% increase compared to 2021)**



We train to maintain a constant state of readiness.
-Greg Harlow, Assistant Chief of Professional Standards & Training



SPECIAL OPERATIONS



Urban Search & Rescue Task Force 4

Urban Search & Rescue Central Florida Task Force 4 deployed to Lee County in late September 2022 to assist with Hurricane Ian response and recovery. Throughout the two-week deployment, Task Force 4 searched 2,500 structures and over 200 vessels. They also rescued several families and assisted survivors with post-storm recovery efforts. Fourteen SCFD US&R members deployed along with other members of local fire departments.

Additional Deployments:

- Four members of SCFD's Burn Team joined an interagency team with the state of Florida through U.S. Forestry and deployed to Angelus Oaks, California in September 2022 to fight wildfires.
- In March 2022, SCFD personnel deployed with an Engine Strike Team to protect people and property from wildfires in Bay County as part of the Florida Statewide Emergency Plan (SERP) response.



US&R Task Force 4 Program Manager Lt. Matt Jaynes speaks about state deployments



US&R Task Force 4 in recovery efforts for Hurricane Ian in Bay County

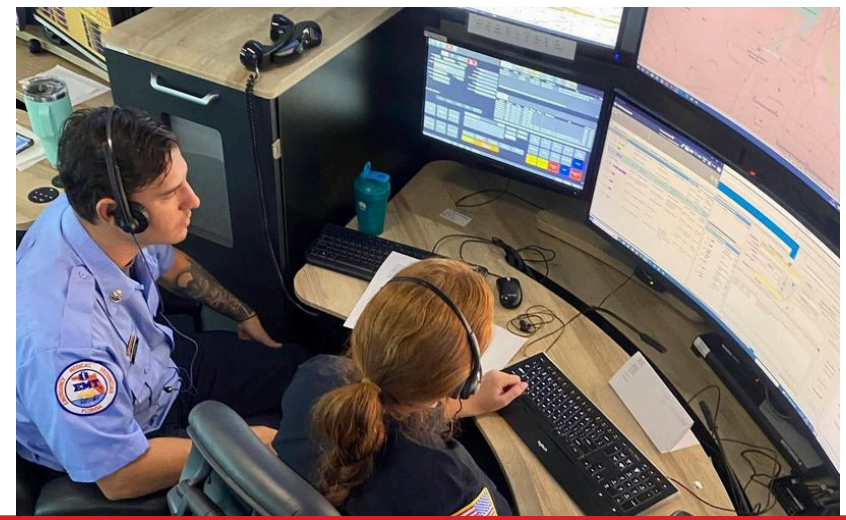
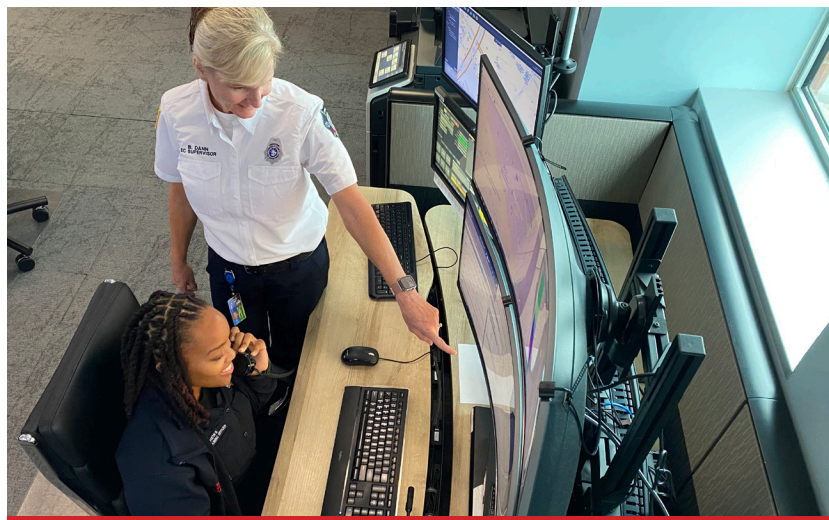
Emergencies including high-angle emergencies, water rescues, HazMat, heavy technical response, extrication, and so much more are what SCFD's Special Hazards & Operations Team (SHOT) is all about.

Thanks to their dedication, SCFD is known as one of the premier all-hazards fire departments in the state and throughout the nation. Starting as a small team in 1992, SHOT recently celebrated its 30th anniversary. Today, there are 56 SHOT team members with a combined thousands of extra hours of training and specialty coursework.

Special Team Assignments:

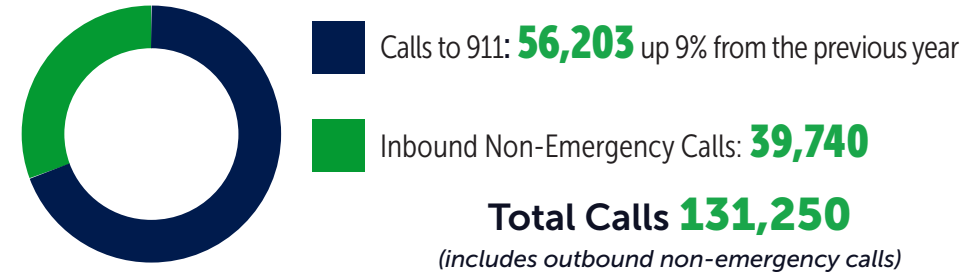
- | | | |
|--|-------------------------|----------------------|
| • Special Hazards & Operations Team (SHOT) | • Bike Team | • Farm Animal Rescue |
| • Tower Team | • Honor Guard | • Peer Fitness Team |
| • Dive Team | • Trails Response | • Tanker Team |
| • Prescribed Burn | • Marine Unit Operators | |





EMERGENCY COMMUNICATIONS

SCFD's 911 Dispatch Team consists of **34** Telecommunicators as well as a Training Coordinator, Communications Manager, and a CAD (Computer Aided Dispatch) Administrator.



The SCFD Emergency Communications Center also fields after-hours calls to Animal Services, Public Works, Traffic Engineering, Environmental Services, Fleet, and Facilities.



Gold Line Support awarded Emergency Communications Training Coordinator Sharon Owens with a "Sunshine Dispatcher Award" for her strong work ethic and positive leadership during Hurricane Ian.

AVERAGE 911 CALLS ANSWERED PER DAY:
154

PERCENTAGE OF CALLS ANSWERED WITHIN 10 SECONDS:
97%



SCFD FACT: Dispatchers who assist with the birth of a baby during a 911 call are awarded a Stork Club Award! Three awards were given in 2022 for the births of two boys and one girl.

FIRE PREVENTION

Smoke Alarms

Distributed & Installed:

- 1,547 smoke alarms
- Nearly 50 fire alarm devices for the deaf or hard of hearing

SCFD proudly partners with the American Red Cross of Central Florida on many smoke alarm outreach events.



The American Red Cross honored SCFD with a **"Sound the Alarm"** award for installing a smoke alarm that saved a life during a home fire.

Fire Prevention Week Outreach

Fire Prevention Week is celebrated each October to educate residents on how to stay safe in the event of a fire. SCFD and the Fire Prevention Team participated in over 70 events during this month.



SCFD FACT: SCFD offers free safety alarm devices for those who are deaf or hard of hearing.



2,503
NEW
INSPECTIONS
up 5%*

5,098
EXISTING
INSPECTIONS
up 20%*

102
FIRE
INVESTIGATIONS
up 37%*

3,478
PLANS
REVIEW
up 17%*

*compared to 2021.



"Working smoke alarms cut your risk of dying in a fire by half. Everyone in Fire Prevention works hard to ensure fire safety protocols are followed and understood by both residences and businesses."

- Fire Marshal and Assistant Chief Christina Diaz

PUBLIC INFORMATION & COMMUNITY OUTREACH



Orlando Sentinel

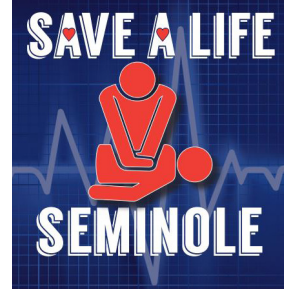
874 media inquiries and stories
70 media stories per month, on average
91% increase in positive media coverage compared to previous year

More than **50** subject matter experts were interviewed for news stories.



The Department participated in nearly **545** Community Outreach Events (**81%** increase compared to the previous year) reaching more than **108,000** residents! Events included:

- Fire station visits
- Community educational events, including CPR classes, health fairs, school visits
- Recruitment events
- Car seat installations/checks



SAVE A LIFE SEMINOLE
 HANDS-ONLY CPR:
 TRAINED **1,149** RESIDENTS



SCFD partnered with Seminole County Public Schools to teach hands-only CPR to high school students through the Save-A-Life Seminole program. This year, SCFD increased CPR training participation by 82%.



In 2022, **nine** Child Passenger Safety Technicians were trained. Technicians installed and/or checked **75** car seats. Previously, SCFD relied on only two technicians to perform these checks.

Learn more at: seminolecountyfl.gov/communityoutreach

SCFD FLEET

NUMBER OF FRONTLINE UNITS



SPECIAL HAZARDS & OPERATIONS UNIT: 1
RESERVE SHOT: 1



ENGINES: 16
RESERVE ENGINES: 10



RESCUES: 21
RESERVE RESCUES: 10



AERIALS: 6
RESERVE AERIALS: 2



TANKERS: 5
RESERVE TANKERS: 1



WOODS TRUCKS: 8



ATVS: 5



MARINE UNITS: 8

OTHER:



- Bariatric Rescue Unit: 1
- Mobile Command Unit: 1
- Mass Casualty Unit: 1
- AmbuBus : 1
- Rehab Unit: 1
- 6x6 Evacuation Units: 2 (High-water vehicles)

Fleet photos credit: Seth Reynolds, Florida Emergency Photography & Photographer Norm Reyburn

NEW UNITS:



QUINT 24

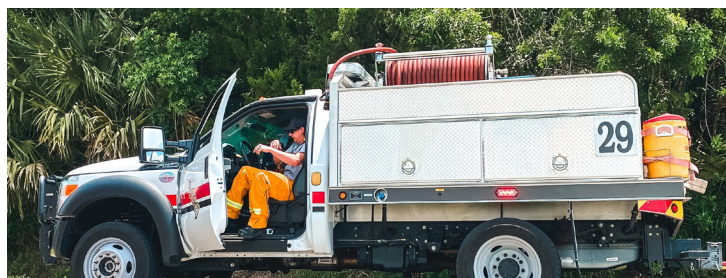
Quint 24 was put in service in March 2022. The multi-functioning fire truck is the second of its kind for Seminole County, serving as a cross between a fire engine and ladder truck. It has five primary functions, hence the name "quint." Functions include a pump, water tank, large diameter firehose, an aerial device and ground ladders.

Historically, when a new unit is placed into service, it is sprayed "wet-down" by a fire hose, then pushed into the station bay to commemorate that it is ready to serve the community.



TOWER 39

Tower 39 went into service in July 2022. This aerial is currently at Station 13 in Apopka until Station 39 opens in the Heathrow/Sanford area.





FIRE STATIONS

Abbreviation Key

E = Engine | **R** = Rescue | **T** = Tower | **Q** = Quint | **TK** = Tanker | **WD** = Woods Truck
BT = Boat | **ABT** = Airboat | **ATV** = All Terrain Vehicle | **BC** = Battalion Chief



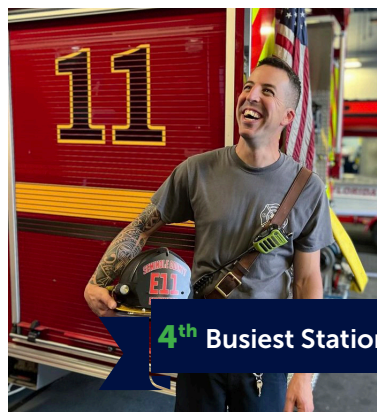
Station 12 - Constructed in 1985
 Serving Altamonte Springs
 325 Douglas Avenue, Altamonte Springs

Unit Responses:
E12 – 4,388
R12 – 3,810
T12 – 2,127

Other Units:
 BC1



BATTALION 1



Station 11 - Constructed in 1974

Serving Altamonte Springs
 175 Newburyport Avenue, Altamonte Springs

Unit Responses:
E11 – 3,221
R11 – 3,119

Other Units:
 WD11 BT11
 ATV11



Station 13 - Constructed in 2008
 Serving Forest City/Bear Lake
 3860 East State Road 436, Apopka

Unit Responses:
E13 – 4,185 **R13** – 3,308
T39** – 760 **R14** – 1,157*

**Peak load unit operates from 9 A.M. – 5 P.M. Monday – Friday*
***Went into service July 17, 2022*

FAST FACT: Station numbers are pre-determined by the Fire Department prior to their construction. A lower station number does not necessarily mean the order it was constructed.



BATTALION 2

Station 21 - Constructed in 2005
Serving Casselberry
681 Seminola Boulevard, Casselberry

Unit Responses:
E21 – 2,600
R21 – 2,139
R28 – 828*

Other Units:
EMS1

**Peak load unit operates from 9 A.M. – 5 P.M. Monday – Friday*



Station 14 - Constructed in 1992
Serving Altamonte Springs
600 Hattaway Drive, Altamonte Springs

Unit Responses:
E14 – 1,545



Station 23 - Constructed circa 1970
Serving Howell Branch
4810 Howell Branch Road, Winter Park

Unit Responses:
E23 – 1,951
R23 – 1,864



Station 22 - Constructed in 1984
Serving Fern Park
7122 US Highway 17-92, Fern Park

Unit Responses:
E22 – 3,034
R22 – 2,845

5th Busiest Station





Station 25 - Constructed in 1975
Serving Casselberry
1055 Red Bug Lake Road, Casselberry

Unit Responses:
T25 – 2,930
R25 – 2,679



Station 27 - Constructed in 1990
Serving Winter Springs/Red Bug
5280 Red Bug Lake Road, Winter Springs

Unit Responses:
E27 – 2,803
R27 – 2,230
T27 – 1,226

Other Units:
BC2



Station 26 - Constructed in 1994
Serving Winter Springs/Tuscawilla
850 Northern Way, Winter Springs

Unit Responses:
E26 – 1,636
R26 – 1,520



Station 29 - Constructed in 2018
Serving Jamestown
2300 Via Loma Drive, Oviedo

Unit Responses:
E29 – 1,126
R29 – 1,157

Other Units:
WD 29

BATTALION 3

Station 16 - Constructed in 1984
Serving Wekiva Springs/Sabal Point
930 Wekiva Springs Road, Longwood

Unit Responses:

E16 – 2,282
R16 – 2,329

Other Units:

WD16
BT 16
ATV 16



Station 35 - Constructed in 1989
Serving Sanford/Five Points
201 West County Home Road, Sanford

Unit Responses:

E35 – 1,963
R35 – 2,015
Squad 2 – 1,552

Other Units:

BT35
WD35
DU35 (Dive Unit)

Station 34 - Constructed in 1981
Serving Paola/Sanford
4905 Wayside Drive, Sanford

Unit Responses:

Q34 – 2,876
R34 – 2,344

Other Units:

WD34 BT34
BT 39 TK34
ATV34



Station 36 - Constructed in 1985
Serving Lake Mary/Heathrow
6200 West Lake Mary Boulevard, Lake Mary

Unit Responses:

E36 – 2,665
R36 – 2,053

Other Units:

BC3

BATTALION 4

Station 24 - Constructed in 1975
Serving Winter Springs
102 Moss Road North, Winter Springs

Unit Responses:

Q24 – 2,042

R24 – 1,861

Other Units:

TK24

Rehab 1

Tech 1

Station 42 - Constructed in 1990
Serving Geneva
320 West State Road 46, Geneva

Unit Responses:

E42 – 605

R42 – 572

Other Units:

TK42 WD42

ABT42 ATV42

Station 41 - Constructed in 1981
Serving Midway
3355 East State Road 46, Sanford

Unit Responses:

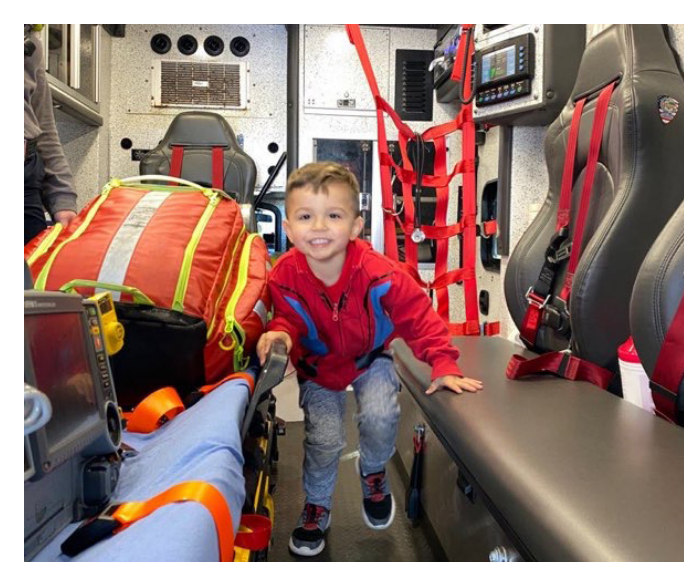
E41 – 1,549

R41 – 1,916

Other Units:

WD41 ATV41

BT41 BC4





Station 43 - Constructed in 1984
Serving Chuluota
110 East 7th Street, Chuluota

Unit Responses:
E43 – 634
R43 – 585

Other Units:
WD43
ATV43



Station 65 - Constructed in 2000
Serving UCF/Carillon
4999 North Orion Boulevard - Orlando

Unit Responses:

Seminole County Rescue 65 – 1,828	Orange County Engine 65 – 1,618
Orange County JZ*883	Orange County JZ*706
Seminole County JZ*945	Seminole County JZ*912

***Jurisdiction**



