Seminole County Fire Department 2021 ANNUAL REPORT

150 Eslinger Way, Sanford, Fl 32773 www.seminolecountyfl.gov/firedepartment

🖸 seminolecountyfd | 🛉 SCFD.1974 | y scfdpio

EMINOLE COUNT







Our Seminole County **population we proudly serve has increased by nearly 14% since 2010** – and our Board of County Commissioners' steadfast commitment to public safety continues even with the population growth.

In my more than 20 years serving at the Seminole County Fire Department (SCFD), **I know we have and will continue to have a top-tier fire department**. We provide the resources and capabilities of a world-class, all hazards metro fire department ... while maintaining the culture and community focus of a local, hometown fire department.

This year, SCFD officially joined the top .001% of U.S. communities for fire protection. Following a comprehensive evaluation by the Insurance Services Office (ISO), we received the highest rating given to a fire department concerning our ability to effectively respond to and prevent fires, the ISO Class 1 rating.

FIRE RESCUE FACT: SCFD is one of only three County Fire Departments in Florida with an ISC and among 411 ISO Class 1 departments nationwide.

COUNTY

F'S MESSAGE: S 1 RATING

The ISO evaluates fire protection efforts in over 35,000 communities throughout the United States. An ISO Class 1 rating represents an exemplary fire suppression program that responds quickly to community needs, mitigates risk at the highest possible standards, and demonstrates an exceptional commitment to saving and protecting life, property and the environment. Visit **www.seminolecountyfl.gov/ISO** to learn how this high rating benefits our homeowners and businesses.

On behalf of SCFD, thank you for the trust you place in us to serve you during your greatest time of need.

Fire Chief Matt Kinley Seminole County Fire Department





We are a big enough Fire Department to grow and learn with lots of opportunities, yet small enough to build lifelong bonds. Our Department also values firefighters and their families. - Lt. Dave McDonald, promoted to Lieutenant in 2021



Lt. Dave McDonald and his family

Other 2021 Highlights:

- Promotions of Firefighters. More than 20 Firefighters/Paramedics were promoted to the rank of Lieutenant – the highest number in SCFD's history.
- More Firefighters to Serve You. 30 Firefighters were funded by a national \$7 million grant called the SAFER Grant. This grant was created to help fire departments have frontline firefighters available in their communities where they need it most. For SCFD, that is in the areas of Altamonte Springs, Wekiva Springs and Geneva.
- New Station Planning and Renovations to Better Serve You. Relocation of new Station 11 in Altamonte near the SunRail station is on the horizon for opening. We are working on the relocation of Station 25 in Casselberry, a new location for Station 23 in the Howell Branch area, and we are also in the planning stages for the groundbreaking for the construction of Station 39 in the Sanford/Paola area.

Firefighter Kendrick Moore at SCFD

graduation with his grandfather

TABLE OF CONTENTS



05	Seminole County at a Glance	19	EMS Operations
07	About Us	21	Special Operations
08	SCFD Organizational Chart	23	SCFD Fleet
09	Medical Director	30	Emergency Communications
11	Operations	31	Fire Prevention
15	Professional Standards & Training	33	Public Information & Community Outreach
17	Fiscal	35	Fire Stations



SEMINOLE COUNTY AT A GLANCE

POPULATION:

- Seminole County: 470,093
- Unincorporated Seminole County: 225,200

SIZE:

- 345 square miles
- Trails System: 300,000+ acres
- 4th most densely populated County in Florida

VISITORS:

- 1.5 million visitors annually
- Orlando Sanford International Airport - 2.3 million passengers in 2021

RESIDENTS:

- Total households: 178,094
- Median age: 39.3
- Number of Employed Residents: 188,461
- Number of Businesses: 14,251



TOTAL SCFD POPULATION SERVED: 338,127

- Unincorporated: 225,200
- Altamonte Springs: 45,517
- Casselberry: 29,093
- Winter Springs: 38,317

1ST RESPONSE AGREEMENTS POPULATION (CLOSEST UNIT RESPONDS) ARE IN PLACE WITH THE CITIES OF:

- Lake Mary: 16,616
- Longwood: 15,110
- Oviedo: 39,559
- Sanford: 60,681

Seminole County also has mutual aid and first response agreements with the Orlando Sanford International Airport and bordering counties.

*Population estimates from US Census 2021



FIRE RESCUE FACT: SCFD works closely and trains with all municipal fire departments in Seminole County. The closest responding unit – regardless of jurisdiction – responds to the emergency first. This serves our residents with efficiency of faster response times.

ABOUT US

MISSION:

 5 Minute Response Time (or Less) Trained Personnel Adequate Resources Constant Prevention Go Home Safe

HONOR RESPECT **SERVE THOSE CREED**: **THOSE YOU THOSE YOU WHO WORK WORK FOR WORK WITH** FOR YOU TRAINED **PURPOSE: READY TO** WILLING TO **TO MAKE A** RESPOND CARE DIFFERENCE





FIRE RESCUE FACT: Seminole County Fire Department was founded in 1974. Founding Fire Chief Gary Kaiser still resides in Seminole County.

07 • ABOUT US



MEDICAL DIRECTOR



DR. TODD HUSTY MEDICAL DIRECTOR

PROTOCOLS | P/

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. It is overseen by Dr. Todd M. Husty.

 Conducts six to eight medical director meetings per month leading staff in discussion on recent EMS calls to help with quality assurance, dialogue, and training.



DR. HUSTY AT LIFE SAVING AWARD AT STATION 29

FIRE RESCUE FACT: There are more than 250 Paramedics at SCFD





Value Saved

PRE-INCIDENT VALUE \$47,028,670

LOSSES \$5,946,290

VALUE SAVED \$41,082,380

OPERATIONS

SCFD operates **three shifts** (A, B & C) led by an Assistant Chief who serves as the Shift Commander. They are responsible for **4 Battalions** each with a Battalion Chief charged with the oversight of the stations and personnel within area (see page 35 for Battalion and Station breakdowns).



JOHN THIBERT Deputy Chief of Operations



BEN DECUIR Assistant Chief A Shift



JEFF BLAKE Assistant Chief B Shift



BRADLEY HAWVER Assistant Chief C Shift

C

FIRE RESCUE FACT: There are 153 Personnel Staffed Per Shift

Seminole County Fire Department Protective Service Area







*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.

PROFESSIONAL STANDARDS & TRAINING

SCFD has a strong commitment to training that enables our Fire Department to best serve our residents in times of need. Our 20-acre, 44,000 sq ft. Regional Training Center based in Longwood is a hub for all Fire Training activities. We train and partner with other agencies at the Regional Training Center as well.

- Total Fire & EMS Training Hours: 131,572
- Live burn building went operational

Recruitment & Hiring

- Total number of recruit Firefighters who went through orientation & training: **58**
- Largest ever graduating class (Class 21-02) in SCFD history
 35 firefighters (30 funded by FEMA's SAFER grant)
- **43%** of SCFD's new hires grew up in Seminole County and/ or reside in the County they serve.





S Training Hours by Category in 2021:

Firefighter Training – 52,670 hours

EMS Training – 13,284 hours

Training Drills – 14,809 hours

Driver/Operator Training – 19,062 hours

Hazardous Materials Training – 4,912 hours

Officer Training – 13,155 hours

Recruit Training – 13,680 hours

Don't train until you get it right, train until you can't get it wrong

FISCAL



Fire Chief Matt Kinley accepts check from State Fire Marshal and CFO Jimmy Patronis to aid with cancer decontamination.

GRANTS:

- **\$7,321,470** Federal Grant for the Staffing for Adequate Fire and Emergency Response (SAFER) to hire 30 additional firefighters and paramedics to serve the community
- \$861,000 Assistance to Firefighters Grants Program regarding Source Capture Exhaust Extraction System at all of SCFD's fire stations with 10% match requirement (to remove diesel exhaust to prevent/protect against cancer)
- \$177,980 Fire Prevention and Safety Grant from the Department of Homeland Security for smoke alarms
- **\$6,216** grant from State Fire Marshal Office for cancer decontamination equipment

17 • FISCAL



30 Firefighters from Class 21-02 were funded with SAFER grant dollars



BUDGET \$80.1 Million



MILLAGE RATE : 2.7649

Fiscal Year 2020/21 Budget Breakdown

	FY21 Adopted Budget	FY21 Actuals	FY21 Expenditures
Personnel Services	\$58,005,761	\$58,222,594	74.0%
Operating Expenditures	\$5,809,445	\$6,534,895	8.3%
Internal Service Charges	\$5,372,583	\$4,108,065	5.2%
Capital Outlay	\$10,661,997	\$9,526,618	12.1%
Grants & Aids	\$305,000	\$250,543	0.3%
Interfund Transfers Out	\$ -	\$2,727	0.0%
Grand Total	\$80,154,786	\$78,645,442	100%

509 Full-Time Personnel

EMS OPERATIONS



Around **80%** of all responses at the Seminole County Fire Department are EMS (Emergency Medical Services) related.

EMS Transports:



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

19 • EMS OPERATIONS



COVID-19 Vaccines



Pet Oxygen Masks

SCFD established the VAX-1 Team where EMTs/Paramedics worked together with the Florida Department of Health-Seminole and Seminole County's Emergency Management Team to help vaccinate thousands of Seminole County residents.

SCFD received **donations of oxygen pet masks for all of its 20 stations** from a grant from Invisible Fence Brand's Project Breathe Program. Local residents have also donated pet masks to the Department.

PulsePoint 4,370 MONTHLY ACTIVE USERS AND MORE THAN 330 AEDS IN PULSEPOINT Since 2010, SCFD has had its CAAS accreditation, which signifies that the Department's service has met the "gold standard" determined by the ambulance industry to be essential in a modern emergency medical services provider.



SPECIAL OPERATIONS

SCFD is an all-hazards Fire Department with plenty of special teams and opportunities for training and growth. These specialized teams serve our Seminole County community in unique ways depending on the circumstances of the 911 call.

Special Team Assignments:

- Special Hazards & Operations Team (SHOT)
- Tower Team
- Dive Team
- Prescribed Burn
- Tanker Team
- Bike Team
- Honor Guard

Other Opportunities:

- Trails Responses
- Marine Unit Operators (e.g., boats, airboats, etc.)
- Farm Animal Rescue
- Peer Fitness Team

REARCH AND REAL

Urban Search & Rescue Task Force 4

The mission of the Urban Search & Rescue (US&R) Team is to respond to natural and man-made disasters and to provide search and rescue, medical support, communications and damage assessment. US&R Task Force 4 was founded in 2004 and established by the following three lead Central Florida agencies:

- Seminole County Fire Department
- Orange County Fire Rescue Department
- Orlando Fire Department

In 2021, the team was deployed to:

- Surfside building collapse recovery efforts (11 SCFD members deployed)
- Assisting with Hurricane Ida Operations in Louisiana (10 SCFD members deployed)

"The Urban Search & Rescue team members bring the highest level of experience, professionalism and compassion to work as they help our community in times of need. Seminole County Fire Department is proud to be a part of this Task Force and stands shoulder-to-shoulder with our partners to help our neighbors when we are called to do so." – SCFD Fire Chief Matt Kinley



SCFD Firefighter Roger Windham was named Florida Task Force 4 Team Member of the Year for 2020. He was recognized by Florida CFO Jimmy Patronis.



Lt. Alan Ward returns from deployment at Surfside

SCFD FLEET

NUMBER OF FRONTLINE UNITS



ENGINES: 17 RESERVE ENGINES: 10



RESCUES: 21 RESERVE RESCUES: 10

23 • SCFD FLEET



AERIALS: 4 RESERVE AERIALS: 2



MARINE UNITS: 8



WOODS TRUCKS: 8

SCFD FLEET • 24



TANKERS: 4



UTVS: 5







- Special Hazards & Operations Units (SHOT): 4 (1 Squad & 3 SHOT Engines)
- Bariatric Rescue Unit: 1
- Mobile Command Unit: 1

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

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

NEW UNITS:



QUINT 34

In March 2021, SCFD placed its first Quint – Quint 34 into service – at Fire Station 34 in Paola. The multifunctioning fire truck is the first of its kind for Seminole County. The Quint serves 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 fire hose, an aerial device and ground ladders.

27 • SCFD FLEET

AMBUBUS





An "AmbuBus" (ambulance bus) joined SCFD's fleet in late 2021 and was purchased with Federal CARES dollars. The AmbuBus serves as an effective and efficient deployment asset in the event of mass evacuation and transport of patients, casualties, and others who require non-ambulatory transport.

- Multi-patient transport unit can accommodate up to 20 patients.
- Has 15 stretchers and 4 seats for patients.
- Bus can accommodate wheelchairs and special needs patients.

AIRBOAT 42: THE GENEVA FIRE FALCON





Airboat 42 – named "The Geneva Fire Falcon" by Geneva Elementary – is a valuable search & rescue asset to serve all of Seminole County. In the past, Geneva has had flooding at Lake Harney during hurricane season. This new airboat can be deployed to make flood rescues in order to access residents on streets that may be flooded.









EMERGENCY Communications

SCFD's 911 Dispatch Team consists of 32 Telecommunicators as well as a Training Coordinator, Communications Manager, and a CAD (Computer Aided Dispatch) Administrator.



Calls to 911: **51,596** up 12% from the previous year

Inbound Non-Emergency Calls: 39,560

Total Calls **128,022**

(includes outbound non-emergency calls)

SCFD Emergency Communications Center also fields after-hour calls to Animal Services, Public Works, Traffic Engineering, Environmental Services, Fleet and Facilities. AVERAGE 911 CALLS ANSWERED PER DAY: 141

PERCENTAGE OF CALLS ANSWERED WITHIN 10 SECONDS: 97%



FIRE RESCUE FACT: Dispatchers receive hands-on training through the agency's in-house state-certified training academy. Dispatchers also gain on-site familiarization at each fire station in Seminole County, which assists in geography and apparatus familiarization.

FIRE PREVENTION

4,260 2,389 **EXISTING** NEW INSPECTIONS **INSPECTIONS**

2,964 **PLANS INVESTIGATIONS REVIEW**



Fire Marshal Christiana Diaz was profiled for Valencia College's alumni publication for her work leading Seminole County's Fire Prevention Team.

74

FIRE

Smoke Alarms

Distributed & Installed:

- 3,092 smoke alarms
- Nearly 100 fire safety alarm devices for the deaf or hard of hearing

A\$178,000 grant awarded to the Seminole County Board of Commissioners and SCFD on behalf of the Department of Homeland Security's Fire Prevention and Grant funding, helped fund smoke alarm outreach efforts. Many of the free smoke alarms were distributed and installed in older or underserved neighborhoods in Seminole County.

Fire Prevention Week Outreach

Fire Inspector Bill Jensen demonstrates fire safety to local preschool students in SCFD's Fire Prevention Interactive Fire Safety Trailer.



FIRE RESCUE FACT: Roughly 3 out of 5 fire deaths occur in homes with no working smoke alarms.

PUBLIC INFORMATION & COMMUNITY OUTREACH



Number of Media Inquiries/Stories: 457

Nearly **70%** of all media placements were stories that SCFD proactively shared with the media

139% increase in positive media coverage compared to previous year

Nearly 80 media interviews were conducted with subject matter experts at SCFD





SAVE A LIFE SEMINOLE HANDS-ONLY CPR: TRAINED 630 RESIDENTS

SAVE A LIFE SEMINUL





The Department participated in nearly **300** Community Outreach Events reaching more than **50,000** residents, including:

- Station visits
- Community educational events
- Drive-by birthdays from Engines
- Recruitment events
- Car Seat Installations/Checks

Learn more about Community Outreach programs and request SCFD to participate in an event:

www.seminole countyfl.gov/community outreach



FIRE STATIONS

Abbreviation Key



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

BATTALION 1

Station 11 - Constructed in 1974

Serving Altamonte Springs 175 Newburyport Avenue, Altamonte Springs



Unit Responses: E11 – 2,893 R11 – 2,885 Other Units: WD11 4th Busiest Station

ATV11

FAST FACT: Station numbers are pre-determined by the Fire Department prior to them being built. A lower station number does not necessarily mean the older the station.

35 • FIRE STATIONS




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

Unit Responses: E12 - 4,231 R12 - 3,660 T12 - 2,026

FAST FACT: One of the busiest stations in the County and also ranks among the busiest in the *country* ... averaging about 30 responses per day.



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

Unit Responses:

E13 - 3,824 R13 - 2,996 R14 - 1,031*



Busiest Station

Other Units:

BC1

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

FAST FACT: Houses SCFD's antique 1972 Imperial Engine that is used for special events and parades.



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

> Unit Responses: E14 – 1,307

FAST FACT: Only County Station that houses only an Engine Company, hence the station's nickname "The Lone Wolf."

Station 22 - Constructed in 2008 Serving Fern Park 7122 US Highway 17-92, Casselberry

> Unit Responses: E22 – 2,618 R22 – 2,467



FAST FACT: Houses the County's only bariatric unit, which means the stretcher capacity on this Rescue is larger in order to transport heavier weight.



SEMINOLE COUNTY

BATTALION 2

Station 21 - Constructed in 2005

Serving Casselberry 681 Seminola Boulevard, Casselberry

Unit Responses:

E21 - 2,216 R21 - 1,850 R28 - 693*

Other Units:

BT21 EMS1

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

FAST FACT: EMS1 is stationed here. EMS1 takes care of medication distribution to all the stations, EMS training, responds to certain medical calls and serves as a hospital liaison.





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

> Unit Responses: E23 – 2,008 R23 – 1,845

FAST FACT: SCFD's oldest fire station. Nicknamed the "Midnight Express" because they run multiple calls after the midnight hour.



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

Unit Responses:

T25 – 2,518 R25 – 2,518

FAST FACT: Only Tower apparatus in Seminole County that isn't co-located with an Engine Company.

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

> Unit Responses: E26 – 1,452 R26 – 1,399



FAST FACT: Station 26 is located near Trotwood Park and is much loved by the Tuscawilla community.

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

Unit Responses:

E27 - 2,449 R27 - 2,126 T27 - 1,037 Other Units: BC2

FAST FACT: Covers four unincorporated city areas that include Winer Springs, Winter Park, Casselberry and Oviedo.

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

Unit Responses:

E29 - 1,096

R29 - 1,149

Other Units: WD 29





FAST FACT: One of Seminole County Fire Department's newest stations and station design is one that will be used for future SCFD stations.



BATTALION 3

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

Unit Responses:

E16 – 2,232 R16 – 2,268 Other Units: WD16

FAST FACT: Often classes from Sabal Point Elementary School walk to the station for educational fieldtrips since the station is in close proximity to the school.

Station 34 - Constructed in 1981

Serving Paola/Sanford 4905 Wayside Drive, Sanford

4905 Wa 5th Busiest Star Unit Responses: Q34 – 2,613 R34 – 2,254

Other Units: WD34 BT34 BT 39 TK34 ATV34



FAST FACT: Runs a variety of calls due to the unique area they cover, which includes multiple major highways, water ways and various trails.



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

Unit Responses:	Other Units:
E35 — 1,718	BT35
R35 – 1,737	WD35
Squad 2 – 1,311	

FAST FACT: Home of SCFD's Special Hazards and Operations Team (SHOT).

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

Unit Responses:

E36 - 2,454 R36 - 1,903 **Other Units:** BC3





FAST FACT: Station 36 commonly experiences Florida black bear encounters because it is located adjacent to a natural migration corridor.

BATTALION 4

Station 24 - Constructed in 1975

Serving Winter Springs 102 Moss Road North, Winter Springs

Unit Responses:

E24 - 1,933 R24 - 1,793

Other Units: TK24 Rehab 1 Tech 1

FAST FACT: Tech 1 (short for Incident Command Technician) is assigned to Station 24. Tech 1 responds to major alarms and assists Battalions on commands.



MINOLE COUNT

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

Unit Responses: E41 – 1,428 R41 – 1,712

Other Units: WD41 ATV41 BC4 BT41

FAST FACT: Station 41 is located just outside the property of the Orlando Sanford International Airport and sometimes assists the Airport's Fire Department with various aircraft calls on their property.



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

Unit Responses:	Other Units:
E42 – 630	ТК42
R42 – 613	WD42
	BT42
	ATV42



FAST FACT: Home of Airboat 42 named the "Geneva Fire Falcon," which was named by a 5th grade class at Geneva Elementary School.



Station 43 - Constructed in 1984 Serving Chuluota

110 East 7th Street, Chuluota

Unit Responses:		
E43 – 656		
R43 – 656		

Other Units: WD43 ATV43

FAST FACT: Due to its location in Chuluota and near Geneva, the station runs trails response calls, brush fires and many of its personnel have special training in farm animal rescues.

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

Unit Responses:

Seminol Oran Semi

Seminole County Rescue 65 – 1,738 Orange County Rescue 65 – 1,157

Orange County JZ* Seminole County JZ* 644Orange County JZ*523734Seminole County JZ*634

*Jurisdiction

FAST FACT: Only joint station that is shared between Seminole County Fire Department and Orange County Fire Rescue Department in order to serve the residents and visitors around UCF and Carillon.













PHOTOS • 27

