



ANNUAL REPORT

Calendar Year 2020

The City of Madeira Beach Fire Department is committed to providing high-quality, responsive services that promote the health, welfare, and safety of all who reside, work in, or visit our area of service. Our members, using safe and effective methods, strive to reduce the loss of life and property through emergency medical services, education, fire prevention, marine operations, and suppression.

We shall serve the public with courtesy and respect, holding dedication to duty above personal comfort and convenience, whenever our skills and talents are needed.

Submitted By

**Clint Belk
Fire Chief**

The Madeira Beach Fire Department provides an invaluable service to the community. The staff and members are committed to the delivery of emergency service medical care and treatment and emergency transport in a professional manner consistent with established standards and applicable guidelines of the industry. Our mission statement, which is under the logo on the cover, provides the guiding principles for the Department and overall direction for our membership.

ORGANIZATIONAL VALUES

While striving for the highest level of care and service to our community, our actions will be guided by the following organizational values that we believe are essential to our mission, both professionally and personally:

- Commitment
- Honesty / Integrity
- Leadership
- Professionalism
- Teamwork
- Responsibility / Accountability
- Customer Care

This is an annual report for the Department and the initiatives taken by Madeira Beach Fire Department over the past year. This report is not intended to be all-inclusive, but merely a perspective of the organization, the progress made, and the activities in which MBFD has been involved in.

ADMINISTRATION

Responsible for personnel, budget, policies, procedures, procurement, training, correspondence, certifications, and other related necessary functions for the continued operation of the Department.

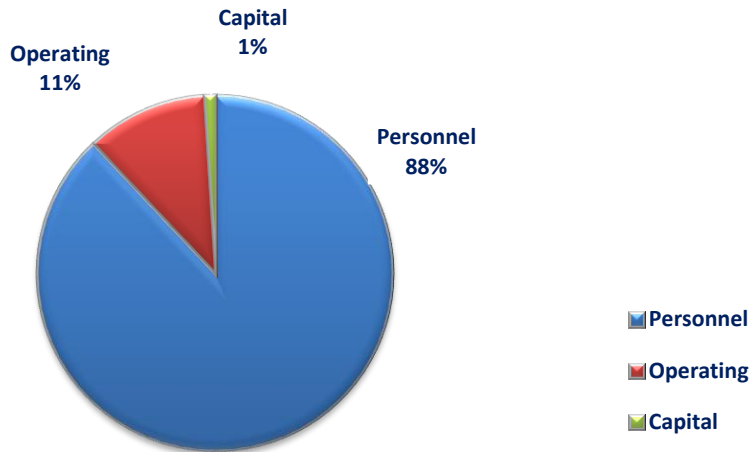
Clint Belk, Fire Chief

Trish Eaton, Senior Administrative Assistant

DEPARTMENT BUDGET FISCAL YEAR 2020

Total General Budget for 2019/2020: \$1,728,000

FY2020 Actual Expenditures: \$1,702,147

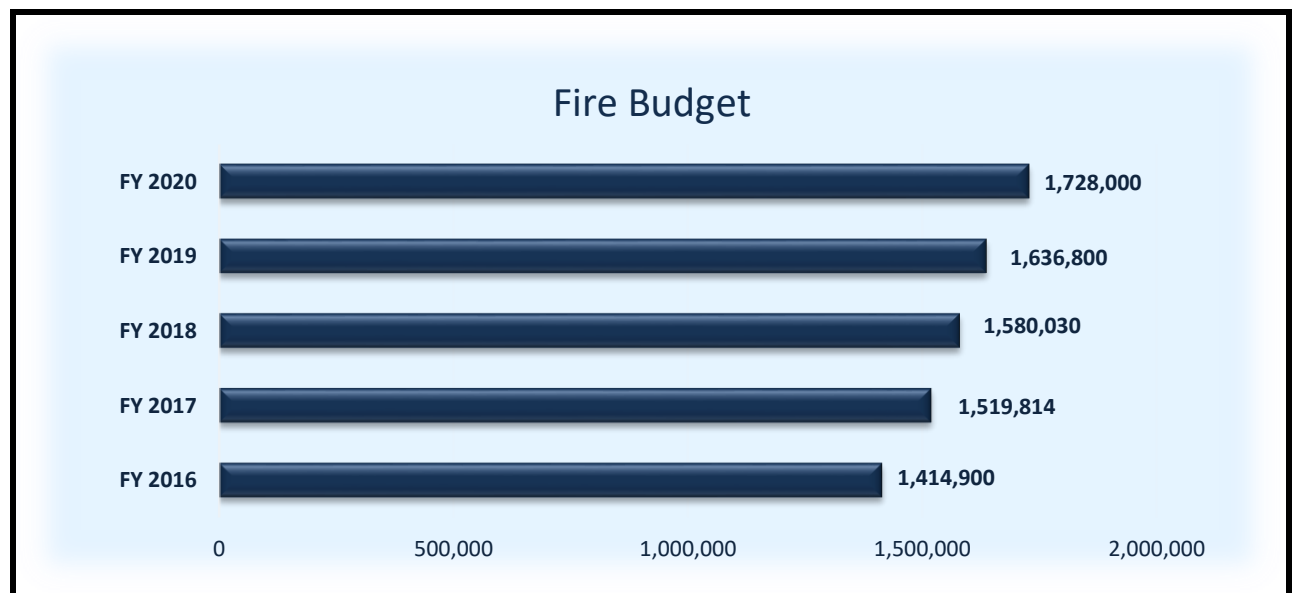


Revenues:	EMS:	\$ 510,368
	Redington Contracts:	\$ 252,635
	Inspection Fees:	\$ 2,740

Total Revenue: \$ 765,743

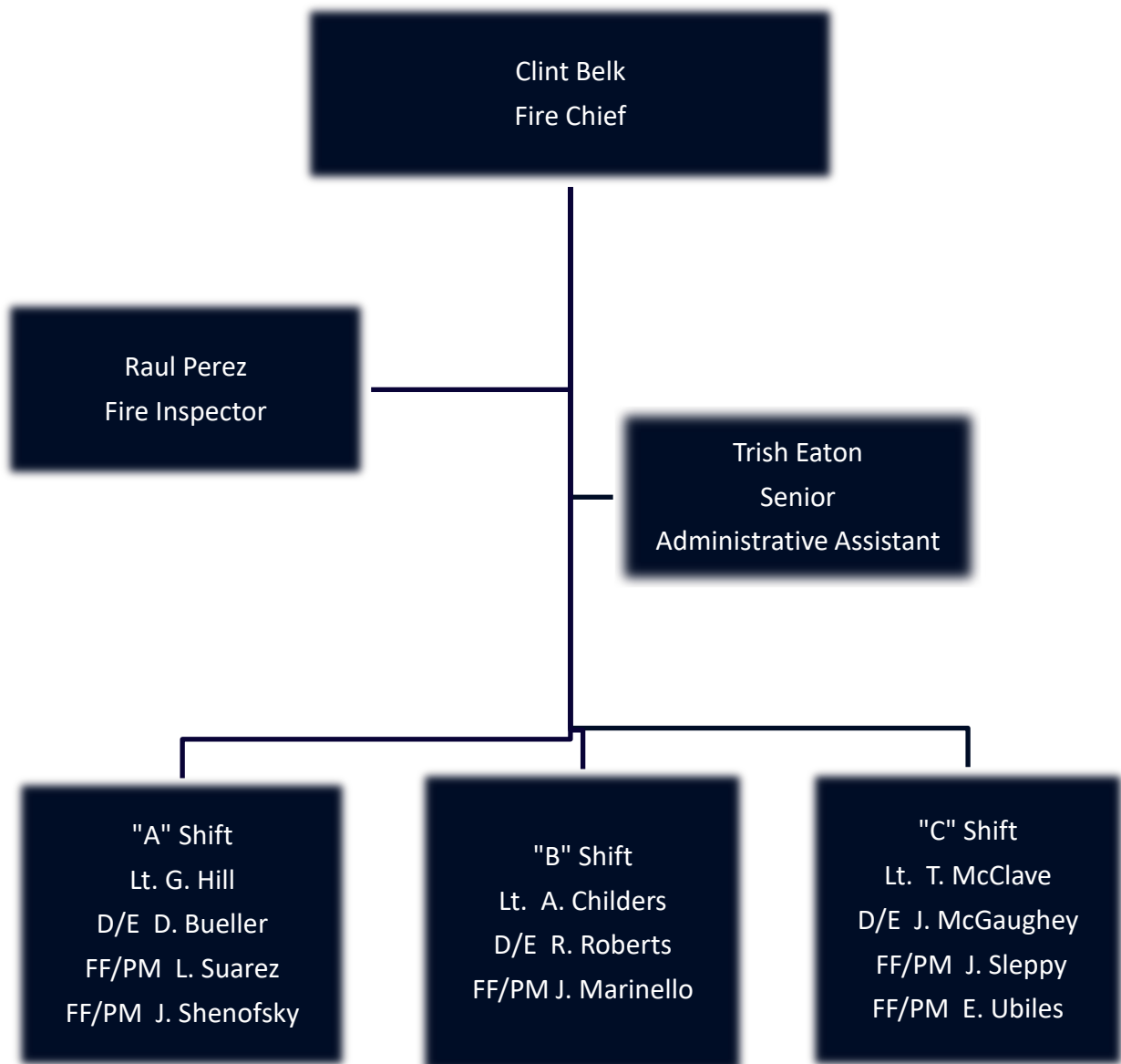
Total Department Expenses minus Revenues: \$ 936,404

Total City Budget: \$17,936,500



OPERATIONS

Our primary responsibilities are fire suppression, advanced life support treatment, marine emergencies, and customer service. The Department is a full-paid career agency with the following organizational structure:



MEET YOUR FIRE DEPARTMENT



Fire Chief Clint Belk



Fire Inspector Raul Perez



Lt. Andrew Childers



Lt. George Hill



Lt. Tom McClave



D/E Dominic Bueller



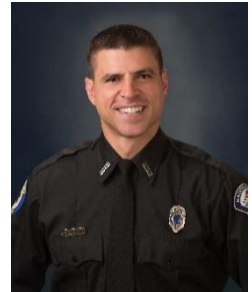
FF/PM Johanna Marinello



D/E Jamie McGaughey



D/E Ryan Roberts



FF/PM Jared Shenofsky



FF/PM John Sleppy



FF/PM Luis Suarez



FF/PM Erick Ubiles



Clover
Fire Safety Ambassador



Trish Eaton
Senior Admin. Assistant

EMERGENCY RESPONSES

Total Emergency Incidents 1818

Last Year 1812

Medical 1252

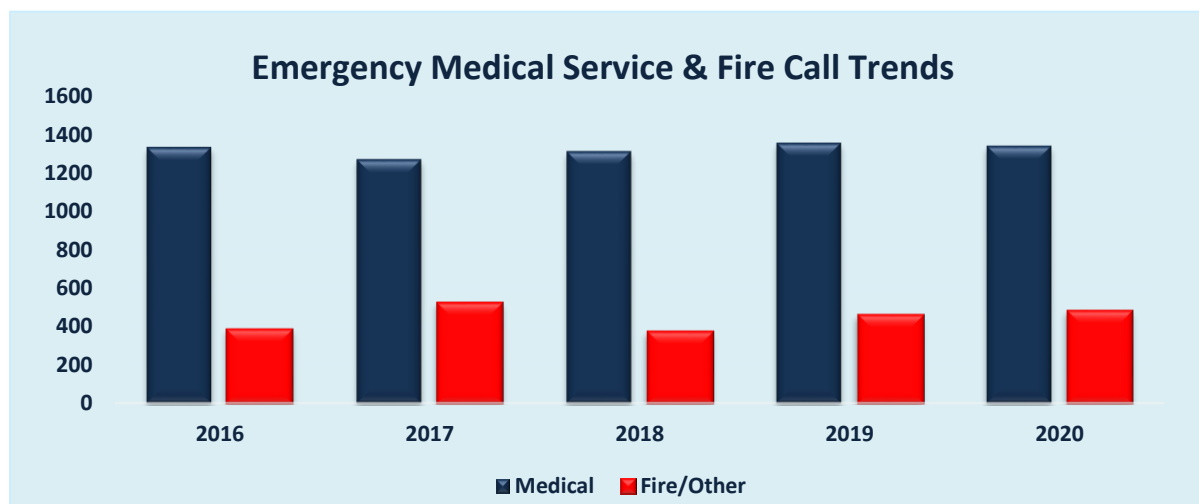
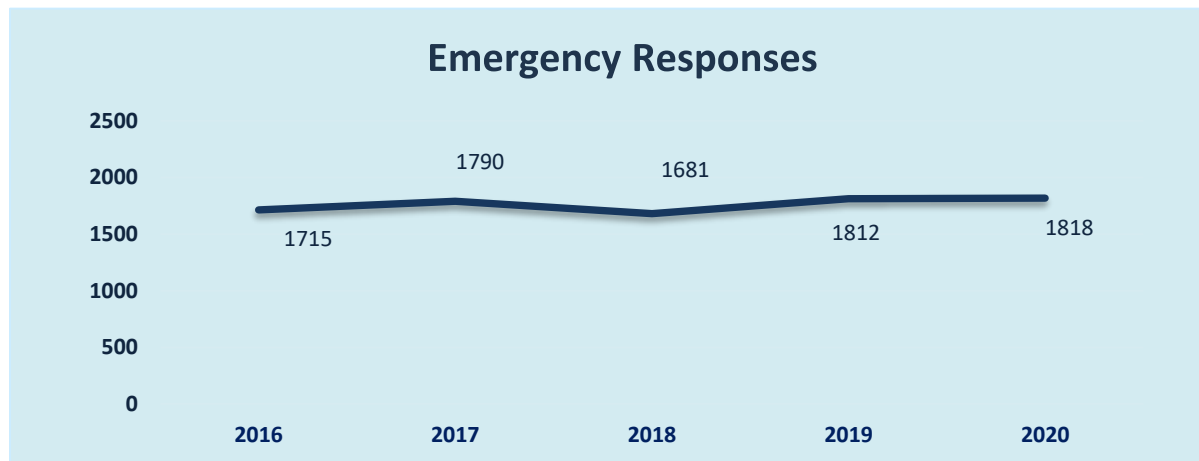
Fire Incident
(including automatic alarms) 410

Structure Fire 65

Marine/Water Rescue 69

Trauma Alert 22

Average Response Time: 4 minutes, 31 seconds



TRAINING

The Madeira Beach Fire Department, in its efforts to provide above standard service to the public, has taken part in the following educational opportunities:

- ✓ Personal Watercraft training (PWC)
- ✓ Participated in Mid-County CFEs live fire training at SPC drill-grounds
- ✓ Continued training with “Rapid Dive” gear for underwater extrications
- ✓ Attended Gas Emergency Response training hosted by St. Pete Beach FD and taught by TECO/Peoples Gas
- ✓ Annual training refresher on all water rescue apparatus and resources
- ✓ Lt. Childers and Lt. McClave continued to take lead roles as mid-County CFE Instructors
- ✓ Lt. Hill continues as EMS Officer, coordinating Department’s EMS training, Capstone through Medical Director’s Office for new hire paramedics.
- ✓ W.E.T pack training at the Elks Lodge pool
- ✓ Annual Proficiency Drills were completed by all three shifts at SPC drill grounds; focus on high rise fire attack and victim removal from upper floor windows and elevated aerial strategies.
- ✓ Light Marine 25 annual training completed.
- ✓ Pinellas County CME; learned how to effectively respond to and mitigate the COVID-19 pandemic.
- ✓ Roof escape/rope training
- ✓ Firefighter Safety and Survival Training; Mid-County CFE
- ✓ Simulated fire attack evolutions and forcible entry at the Brown Boxer building prior to demolition.
- ✓ Chief Belk participates in monthly PTSD meetings to assist in development of a mental health and support program for the department.
- ✓ PHTLS; Prehospital Trauma Life Support re-certification county-wide
- ✓ Nearly 3643 hours have been logged for fire training.

The following educational facilities and resources have been used for training purposes in 2020:

- | | |
|---|----------------------------------|
| ✓ Saint Petersburg College | ✓ Elks Lodge Pool, Madeira Beach |
| ✓ Pinellas County Training Chiefs | ✓ LKQ Automotive |
| ✓ International Fire Chiefs Association | |



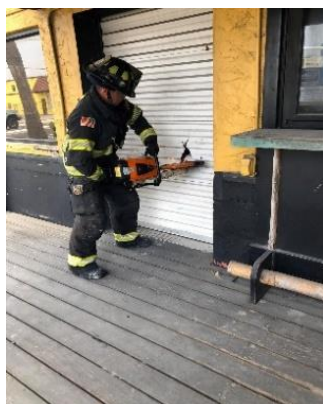
PUBLIC EDUCATION/RELATIONS

The Department strives to educate all residents, visitors and school children in every facet of public safety. Unfortunately, due to the COVID-19 pandemic, the department suspended classes such as CPR indefinitely. The department turned to social media to emphasize fire prevention for public education. Below is a list of programs offered by MBFD in 2020:

- ✓ CPR training to residents during January to March. Classes were suspended due to pandemic.
- ✓ Blood pressure checks at the station for all walk-ins
- ✓ Home fire inspections/assistance with smoke detector installation and battery check/change out.
- ✓ We visited Madeira Beach Fundamental for a social distanced Fire Prevention Week presentation. The department participated in a County-wide informational video on fire safety. The video was presented to all the Pinellas County Schools.
- ✓ General communication with employees and the public via written or verbal avenues to convey COVID-19 information, fire safety, prevention, and disaster/terrorism awareness.
- ✓ Our “School is Back in Session” campaign was conducted during the first three days of school. The 3-day public safety reach-out program reminds drivers to slow down and drive with caution in school zones.

ANNUAL TESTING, MAINTENANCE & CERTIFICATION:

- Annual Physicals
- Self-Contained Breathing Apparatus (SCBA)
- Automated External Defibrillators (AED)
- Bunker Gear and Uniform Evaluations
- Pump tests conducted on T25 and E25
- Mask fit testing (medical N95 & SCBA)
- Extrication Tools
- Extinguishers at all City’s properties and vehicles that carry extinguishers
- Hood system/Sprinkler Test
- Sprinkler Test at Station 25 and City Hall
- Nozzle flow tests
- Fire Alarm
- Aerial Ladder and Ground Ladders Testing
- Saw Maintenance
- Fire Hose Tests
- Hydrants
- Semi-annual breathing air compressor service and quarterly air-quality tests conducted



OPERATIONS/LOGISTICS

- ✓ Quarterly fitness evaluations
- ✓ Lt. Childers continued to serve as Mid-County Fire Training Instructor
- ✓ Lt. Hill was assigned duties as EMS Coordinator
- ✓ Tested public fire hydrants in Madeira Beach and the Redington Communities as per specifications of the ISO
- ✓ Budget preparations
- ✓ Assistance to City Manager's Office with Emergency Disaster Plan
- ✓ The Insurance Services Office (ISO) began their Public Protection Classification (PPC) survey of the Department in September of 2020. During this process, ISO collected and evaluated information on our structure fire suppression capabilities. Our community's ISO fire score is a rating that determines how well our fire department can protect the community. Insurance companies use the score to help set home insurance rates. The Department maintains an ISO rating of a 2.

PROMOTIONS, AWARDS & RECOGNITION

- Firefighter/Paramedic Erick Ubiles received the 2020 Firefighter of the Year Award with recognition from the City of Madeira Beach, VFW Post 4256, and several Civic organizations.
- Promotion of Clint Belk to Fire Chief; July 2020
- Promotion of Firefighter Raul Perez to Fire Inspector; August 2020
- Promotion of Firefighter Tom McClave to Lieutenant; September 2020



- Retirement of Chief Derryl O'Neal after 16 years of dedicated service with Madeira Beach Fire Department; June 2020



- Retirement of Lt. Todd Ermscher after 36 years of dedicated service to the City of Madeira Beach; August 2020

COMMUNITY EVENTS AND PROJECTS

- ✓ Deployment of Hurricane Sally Strike Team to the Panhandle; Lt. McClave deployed with the 2nd Strike Team September 24 to assist hard hit communities with fire and EMS coverage.
- ✓ Several members of FD participated in a 5K in honor of Emilio Rivera. FF Rivera of Marion County committed suicide in 2019. A foundation was set up in his honor to assist first responders with mental health as well as a scholarship for future firefighters.
- ✓ Coordinated and participated in the September 11th Day of Remembrance Ceremony at Causeway Park and Friendship Park at Redington Beach.
- ✓ City of Madeira Beach employees assisted us in kicking off the annual breast cancer awareness fundraiser. For the first time the department offered T shirt sales online for a limited time with available shipping. This was our best year yet! All proceeds were donated to Ladies First Choice boutique to provide mastectomy products to breast cancer survivors in need. Sales of the shirts allowed for a \$755 donation.
- ✓ Movie and Trunk O' Treat at Church by the Sea with social distancing for all participants.
- ✓ Veteran's Day Boat Parade at the American Legion; Chief Belk was one of the judges. FF Sleppy participated in the parade for the second year. His boat received 3rd place. LM25 participated by offering patrol/water rescue services if needed.
- ✓ Breakfast with Bob was hosted in the bays of the Fire Station.
- ✓ Mike Alstott visited the station and on behalf of his Foundation dropped off a Thanksgiving dinner for the shift on duty during the holiday.
- ✓ Making Spirits Bright Christmas Card campaign in December allowed us to collect 1563 cards in two weeks. Chief Belk and Inspector Perez delivered the cards to five nursing homes to brighten the spirits of our local seniors. Many of the cards were made by local students from Madeira Beach Fundamental, Osceola High School, and surrounding preschools.
- ✓ The Department participated in Santa delivery and tree lighting event at John's Pass.



SIGNIFICANT RESPONSES

Structure Fires/Property Fires

- Vehicle fire; T25 arrived to a fully involved VW dune buggy after the operator stopped on a street to address mechanical issue. Total loss of vehicle, no injuries.
- Outside fire; fully involved tree with power lines on ground. Fire extinguished, turned scene over to Duke Energy.
- Outside fire; while responding T25 was upgraded to structure fire due to the exposures. Upon arrival T25 had a large, approx. 40x40 construction dumpster fully involved with exposures to a 6-story high-rise. Flames were burning the side of the Alpha exposure. T25 quickly took command and went into an offensive mode. T25 first protected the exposures and was able to ladder the dumpster and make an attack on the dumpster itself. Water was not enough initially due to the size and volume of the fire. Once T25 obtained a hydrant, crews were able to set up the aerial and hit the fire with the aerial ladder of the truck with the master stream. T25 had a good knockdown on the fire with the aerial and foam from E29. Dumpster company arrived to mitigate the hazard.
- Structure Fire; Station 25 received a landline call to possible smoke coming from the roof of Winn Dixie. Upon arrival T25 found light smoke coming from the left-center of the roof and upgraded the call to structure fire. The fire was located on the roof and quickly extinguished. The fire consisted of debris and construction materials. Further investigation confirmed that the fire did not extend beyond the roof decking. There was no significant structural damage or injuries.
- Structure Fire; upon arrival T25 took operations on C side of the building. Assisted with all operations on the outside wall of fireplace. T25 provided secondary line, checked for fire extension and hot spots. Followed by interior check for any extension. Assisted with clean up and released to begin decon on scene and followed Department protocol when at the station.
- T25 dispatched to a first alarm residential structure fire in Seminole. Upon arrival the crews were working at a single-story block constructed home with heavy fire from A, B corner into the garage, and through the roof. T25 crews started advancing attack lines into the garage. During this time E29 lost its pump and all water flow stopped. D29 called for an emergency retreat and all crews back out of the structure. Shortly following the retreat tones the fire breached the ridge vent and T29 set up the aerial for defensive operation. Fire was put out, significant damage to structure.



- T25 dispatched to structure fire at a storage facility. T25 assigned RIT and staged gear near T29 ladder. Fire contained to the roof and extinguished by Seminole crews with single attack line.
- T25 arrived as 2nd due engine company on scene and was initially assigned to water supply. Once the water supply was established, T25 was reassigned to ventilation and overhaul once the fire was knocked down by first-due companies. T25 completed gas monitoring, extinguished hotspots and removed the remaining smoke from structure. Crew and equipment were gross deconned on scene prior to being released by Command. Full decon was completed once back at the station.
- T25 dispatched to structure fire during TS Eta, upon arrival crews found a small fire in the shed; fire extinguished by T25 & T29.
- T25 arrived as 4th due engine company on scene and down by first due companies. T25 completed monitoring, extinguished hotspots, and removed the remaining smoke from structure. Crew and equipment were gross deconned on scene prior to being released by Command. Full decon was completed once back at the station.
- Crews were returning from Bayfront when T25 self-dispatched to a structure fire. T25 was on the scene first and found a house to be on fire. Crews quickly made an offensive attack and extinguished the fire which was located throughout the attic. T25 assisted finding hot spots and followed by rehab. During overhaul and investigation T25 was released.
- Small fire under cottage after work was done on the property. Handled with one pre-connect and overhaul.

Motor Vehicle Collision (MVC)

- T25 dispatched for a motor vehicle collision. Upon arrival, T25 found one bicyclist down in the roadway after colliding with the side of a city garbage truck. Initial assessment revealed massive multi-system trauma and GCS of three. A trauma alert was declared, and the patient was immediately immobilized and packaged for transport to Bayfront Trauma.
- Two vehicle MVC with one vehicle on its side. The other had heavy front-end damage with a trauma alert in the passenger seat. E24 took patient care on the trauma alert and other two patients inside. T25 took refusal of the other driver and mitigated hazards.
- Two vehicles involved in a head on collision, car into the front of a large UPS truck. Driver of the car was found unresponsive, apneic, cyanotic, and bleeding from the head. Trauma alert was called, and patient was pulled from the car. Once inside Sunstar unit stated a needle was found on the patient's chest indicating a possible overdose. Narcan was given and patient awakens. Patient is taken to Bayfront hospital for further evaluation.
- Trauma Alert; Upon arrival T25 came upon a male in critical condition second to ejection from his moped. A trauma alert was quickly initiated due to the condition of patient. Patient transported to Bayfront.
- Trauma Alert; MVC with one vehicle with two critical patients. One patient deemed trauma alert, patient prepared for transport to Bayfront with firemedic assistance.
- Trauma Alert; dispatched to a Motor Vehicle Crash (MVC). Upon arrival T25 located a moped and a young female on the ground responsive with significant trauma. Patient quickly packaged for transport due to the condition/trauma alert. Patient treated enroute and transported to Bayfront without incident.

Water Rescue

- Patient had a seizure while riding a rented jetski several hundred yards offshore. T25 made patient contact with a rescue board and assisted the victim to shore. Patient refused further treatment/transport and jet ski was returned to the rental company by MBFD.
- Upon arrival T25 established command and located the victim several feet off the seawall with signs of intoxication. Victim became combative and was eventually removed from the water by MBFD rescue swimmer onto a PCSO marine unit. Once back on the dock, patient was evaluated, treated for minor injuries and transported to the hospital as Baker Act patient.
- LM25 found victim approximately 500 yards off the tip of John's Pass jetty. Once contact was made the patient stated their kayak flipped in rough water and lost. Patient was brought onto shore where they were evaluated. Patient refused treatment/transport.
- Drowning/cardiac arrest; T25 was dispatched for a drowning. Upon arrival T25 located the patient in the surf, pulseless and apneic. CPR was being performed by bystanders. Patient was transported to Northside Hospital with MBFD personnel accompanying Sunstar through transport.
- SR25 & LM25 responded for a water rescue; once on scene SR25 established command and was able to get visual on one male victim directly under the bridge clinging to the side of a jet ski. LM25 arrived shortly on scene and the rescue swimmer was able to assist the victim out of the water onto the life sled. Patient was brought to the nearby beach directly beneath Hooters where E25 was standing by as an EMS unit. Patient was evaluated for exhaustion and minor lacerations, with refusal for additional treatment.
- LM25, SR25 and T25 responded to water rescue of a sailboat that was stuck at John's Pass Bridge. LM25 found the sailboat stuck against the bridge with a broken mast. All 14 occupants of the boat were off the boat, safe on the bridge.
- LM25 removed suicidal female from intercoastal of John's Pass Bridge and transferred to PCSO and Sunstar.
- T25 was dispatched for drowning; upon arrival the patient was found in the pool, heavily intoxicated and struggling to stay above water. MBFD personnel removed the patient from water. Assessment revealed moderate respiratory distress with an altered mental status. Patient care was initiated immediately, and patient was transported to the ER.
- Upon arrival, T25 found three patients out of the water and sitting on the jet ski rental dock. The patients were involved in a jetski accident and were all ejected from the skis. Triage revealed all patients to meet Trauma Alert criteria and all patients were packaged for transport.
- T25 was dispatched to John's Pass Boardwalk for a report of a gas leak. T25 took command on the Delta corner and met with the calling party. T25 went up to the second floor to investigate. Once inside, crew of T25 immediately smelled a heavy natural gas odor and the gas monitor showed a CO reading of over 40 ppm. T25 exits the building and moved to the Bravo side to shut down the main gas valve. At that time the crew was confronted by multiple people stuck under the bridge. D/E McGaughey was directed to finish shutting the gas line down and FF Ubiles is directed to doff his turn out gear and don his water gear. FF Ubiles entered the water and made contact with two people under the bridge. FF Ubiles found a mother and a 2-year-old stuck in the current and in between the bridge wall and the wooden fenders. FF Ubiles drifted through the narrow opening out to the Gulf and secured the two patients in a nearby boat.

Other

- Stabbing/Signal 7; T25 found the first patient on side of the road with injuries to one hand. Unable to locate the second patient for a period of time due to the first patient unaware of his surroundings. Once located, patient 2 was declared Signal 7 on scene.
- Suicide; person found standing on edge of balcony of the 12th floor. PCSO began to develop a plan to get the person down. FD prepared and ready to assist. Negotiators were called in to scene. Person jumped before assistance could be rendered. Person determined Signal 7.
- Cardiac Arrest; patient found in cardiac arrest on the bedroom floor. T25 immediately began resuscitative efforts which were eventually terminated on scene after consultation with Medical Control and patient's family. Patient was pronounced and scene was turned over to PCSO. Crew responding to the call were quarantined by FDOH the day after due to the potential exposure to COVID 19. Blood tests obtained from the patient showed negative results for the virus and the crew was released from quarantine several days later. This was the first potential case of COVID 19 for our Department and the County. Additional inhouse and County-wide protocols were established for potential COVID emergency calls.
- Falls; upon arrival patient was located unconscious on the ground at a large construction site with major multi-system trauma. Patient fell approximately 30 feet from an exterior scaffold and landed on construction debris. Patient was immediately packaged for transport and taken to Bayfront Trauma Center upon Sunstar's arrival on scene. MBFD personnel accompanied Sunstar through transport.
- Dispatched to multiple possible COVID-19 medical emergencies. Per Medical Director's protocol an FD ride-in was required; once patient was turned over to hospital staff the FD rider's responsibilities were to assist Sunstar to decon the ambulance. High volume months were April and June.
- Trauma Code; upon arrival found the patient on couch with a gunshot wound to the head. Immediate treatment and packing for transport of patient was performed. Patient went into cardiac arrest during transport to Palms of Pasadena, continued treatment rendered enroute, patient was transferred to ER doctor without incident.
- Structure collapse; T25 was dispatched on the first alarm for a structure collapse. Station 29 units arrived first on scene and reported heavy debris and powerlines down in the area. T25 investigated a nearby apartment complex for damage. Multiple residents advised of seeing a tornado come through the complex. T25 found several buildings with their roof blown off and a large tree blown over into the corner of one of them. All affected units in the buildings were searched and no injuries were reported.
- Trauma Alert; T25 dispatched to a gunshot trauma. After the scene was cleared by PCSO, T25 an elderly male with a shot to the head and still breathing. Patient was critical, he was packaged for quick transport. While being treated enroute patient went into cardiac arrest. Patient care and report transferred to St. Pete General.
- Seizures; patient found at the bottom of their boat showing signs of possible hemorrhagic stroke once evaluated by crew. Patient transported to Northside Hospital with MBFD paramedic assistance.

- Overdose; patient unresponsive on a commercial fishing vessel. Crews donned full PPE per COVID protocol. Patient received multiple doses of Narcan with no effect, heart rate rapidly decreased as patient went into cardiac arrest. Patient is transported to Palms of Pasadena with two FD riders where they were pronounced deceased.
- Overdose; T25 was dispatched for cardiac arrest. Upon arrival, T25 located the patient in the passenger seat of a car in respiratory arrest secondary to an opioid overdose. Patient was removed from the car and treatment was initiated immediately. Patient regained his respiratory drive and eventually consciousness after several minutes and multiple doses of Narcan. Patient admitted to snorting heroin and care was transferred to Sunstar for transport.
- Cardiac Arrest; Upon arrival T25 found approx. 20 yof unresponsive on the beach in cardiac arrest. T25 quickly started BLS procedures and switched to advanced care once resources were acquired. ACLS protocol was followed throughout the arrest. Crews were not able to resuscitate the patient, scene was transferred to PCSO.
- Tropical Storm Eta began hitting our area on November 11. A shift crews were called back to duty for extra staffing to assist C-shift crews with the expected high volume of emergency calls. The Department ran over 70 emergency calls during November 11 – 12. In addition to medical emergencies, rescue of citizens from their homes due to high flood waters was also significant in low lying areas of the communities we serve.
- Cardiac Arrest; E25, E29 and D29 were dispatched for a cardiac arrest. Upon arrival, E25 found the patient pulseless and apneic in the passenger seat of a car. Patient was immediately removed from the car and placed on the ground where CPR and SCLS treatment were immediately initiated. E29 and D29 assisted in patient care upon their arrival on scene. ROSC was not obtained on scene, however Medical Control advised that the patient be transported due to elevated EtCO2 numbers. MBFD Firemedics accompanied Sunstar throughout transport to Bay Pines VA where the patient was pronounced dead shortly after EMS arrival.
- Public Assist; T25 was dispatched to assist in retrieving a cat that was stuck under the dock. Crew member was lowered into the water and retrieved one unhappy kitty from under the dock.
- Overdose; T25 was dispatched for cardiac arrest. Upon arrival patient was found on the floor in the cabin of a long-liner fishing vessel. Patient was not in cardiac arrest, however he was in respiratory arrest due to apparent opiate overdose. Treatment was rendered including Narcan and patient regained respiratory drive and consciousness. Patient care was transferred to Sunstar.



LIFE SAFETY SECTION

Inspections 175

Plan Reviews 51

MUTUAL AID GIVEN

P. SUNCOAST	SEMINOLE	ST. PETE BEACH	ST. PETERSBURG	TREASURE ISLAND
6	81	1	2	21
TOTAL 111				

MUTUAL AID RECEIVED

SEMINOLE	P. SUNCOAST	TREASURE ISLAND	ST. PETE BEACH	LEALMAN	S. PASADENA
105	33	138	8	1	1
TOTAL 286					



GRAND TOTALS FOR REDINGTON BEACH

TOTAL OF CALLS RESPONDED BY MADEIRA BEACH	TOTAL OF CALLS TO THE COMMUNITY
123	145

GRAND TOTALS FOR NORTH REDINGTON BEACH

TOTAL OF CALLS RESPONDED BY MADEIRA BEACH	TOTAL OF CALLS TO THE COMMUNITY
231	268

GRAND TOTALS FOR REDINGTON SHORES

TOTAL OF CALLS RESPONDED BY MADEIRA BEACH	TOTAL OF CALLS TO THE COMMUNITY
72	357





SPECIAL APPRECIATION AND RECOGNITION TO THOSE WHO PROVIDED SUPPORT AND DIRECTION

2020 BOARD OF COMMISSIONERS



John Hendricks
Mayor



Doug Andrews
Vice-Mayor
District 3



Helen "Happy" Price
District #1



Nancy Hodges
District #2



John Douthirt
District #4

This document is submitted as a perspective of the Madeira Beach Fire Department for the time period listed. It is not intended to be all-inclusive; the information represented here is presented to the best of our understanding and ability. It has been obtained from various sources. These sources have only been validated to the extent necessary to publish this report and are expected to be accurate and reliable.