



# Beaufort / Port Royal Fire Department

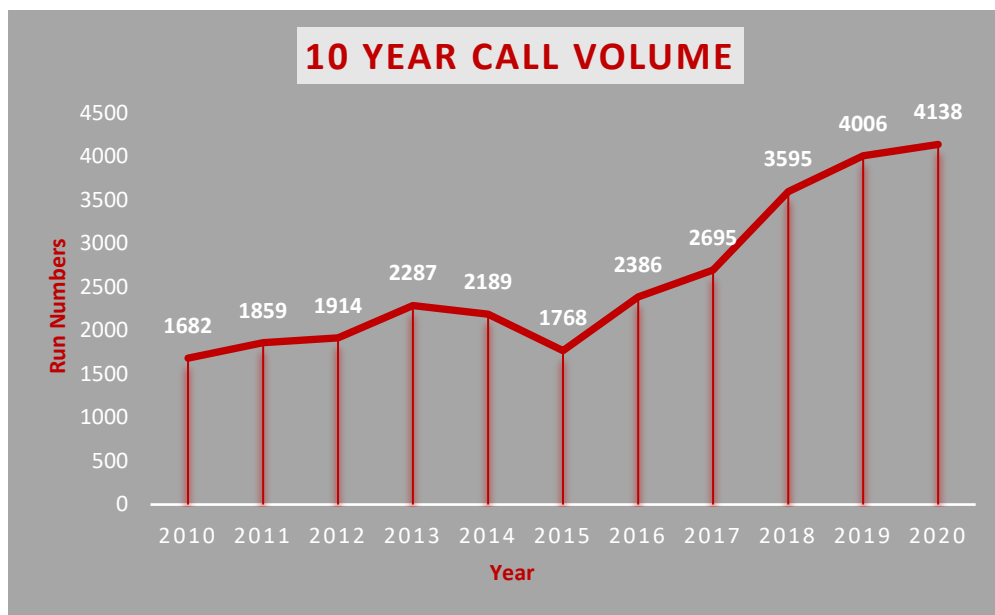
## Year End Report

January 1, 2020 – December 31, 2020

### Mission Statement

*The mission of the Fire Department is to provide public safety and emergency services to the City of Beaufort and Town of Port Royal in a way that the department is intricately woven into the fabric of the community.*

*The Fire Department will take a customer service-oriented approach every time we contact a member of our community and provide empathy, understanding, and kindness to everyone we meet.*



## Chief's Notes

- Adapted to COVID-19 procedures throughout the year.
- Increased the department's medical education through AFG Grant for Advanced EMT training.
- The departments sole focus from 6/30/2020 to date has been emergency response and training in the COVID-19 environment. We persevered through resource scarcity in Personal Protective Equipment (PPE) and worked to ensure minimal expenses in response to fiscal constraints created by the COVID-19 economic contraction:
  1. The right resources and personnel were committed at the right time. During the height of COVID-19 in our community only one responder made patient contact in full PPE to limit exposure
  2. Some calls for service were triaged to limit potential exposure
  3. Training had to be moved almost wholly to the virtual environment and in person training was reserved for only the most mission critical events such as new firefighter training.
  4. Upon the award of the Assistance to Firefighters Grant for advance EMT training it was a all hands-on deck effort to cover the shift work and have people in a remote training location from October to December attaining their EMT-Advanced certification.
  5. In the spring of 2020, the department completed the goal of final approval of the Development Impact Fee for Fire and it was fully implemented in January of 2021.
  6. In the spring of 2021, the department completed the final steps of transitioning from a non-transport EMT Basic service to a non-transport EMT-Advanced service.

## Personnel

- The department currently staffs 48 Shift Firefighters, 5 Admin Firefighters, 1 Part Time Contract Employee, and 1 Office Manager.
- The department has 9 Part-Time as needed Firefighter positions.
- Certified 18 new Reserve Firefighters this year. Have 30 current Reserve Firefighters.
- Battalion Chief Larry Deloach retired after 25 years of service.
- Battalion Chief Ross Vezin promoted to Asst. Chief of Training.
- Lieutenant John Badgett promoted to Captain of Fire Marshal Division.
- Firefighters Carter, Ciccone, Holmes, Jordan, and Thorson promoted to Lieutenant.

## Training

- The department conducted multi company live fire training and other in-house training that totaled 12,232 hours.



- Conducted 3,480 training hours at South Carolina Fire Academy.
- 7 firefighters became EMT certified this year and 24 successfully completed the Advanced EMT course through our AFG Grant.

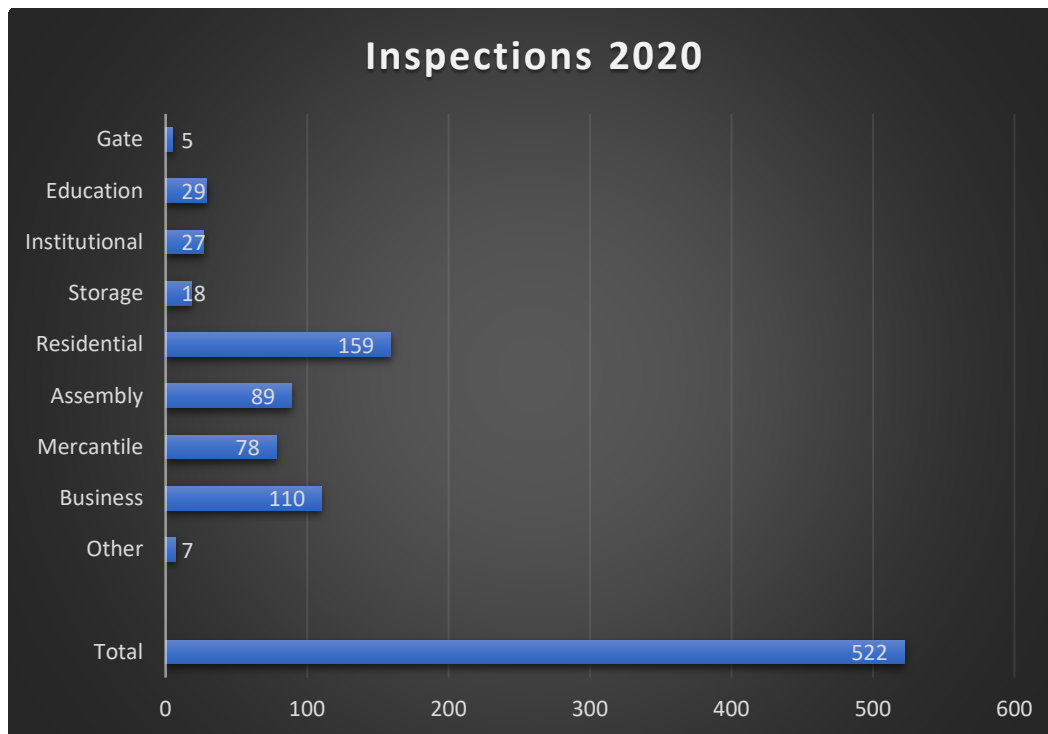


## Community Risk Reduction

This Division continues to promote public fire and life safety education to citizens of all ages. The program was altered this year due to COVID but essential services and education continued.

- This Division now has 11 car seat technicians that performed 38 car seat safety inspections and installs.
- Installed 111 smoke alarms in community through partnership with American Red Cross.
- 151 public education events where the Division trained 1,062 adults and 482 children.

## Fire Marshal



- John Badgett was promoted to Fire Marshal. John received his ICC Fire Inspector I & II certifications.
- The annual inspection program was reduced this year to essential inspections only due to COVID.
- All fires were investigated through this Division with assistance from local Law Enforcement or SLED.

**Recently Completed Projects:**

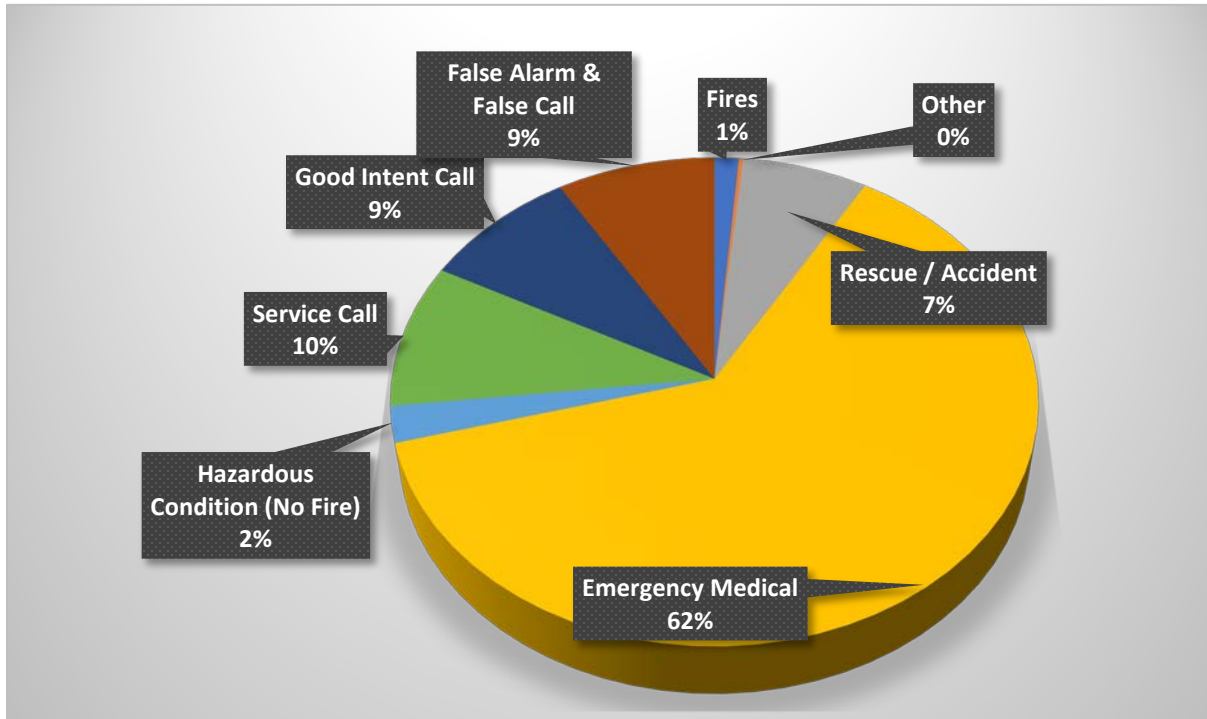
- Beaufort Housing 4 plex
- Ribaut Senior Living
- Colonel Clean Carwash
- Store and Go Savannah Hwy
- Waterleaf at Battery Creek Apartments

**Ongoing Projects:**

- Beaufort County Government Building
- Harbor Freight
- Publix – Robert Small Pkwy
- Wendy’s – Sea Island Pkwy
- Springhill Suites
- Tru Hotel by Hilton
- Glasswrx SC Upfit
- Overlook Subdivision Phase 2

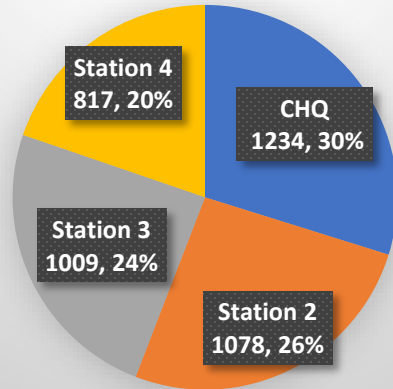
## Emergency Response

- Response totals of 4,138 calls for service in 2020.

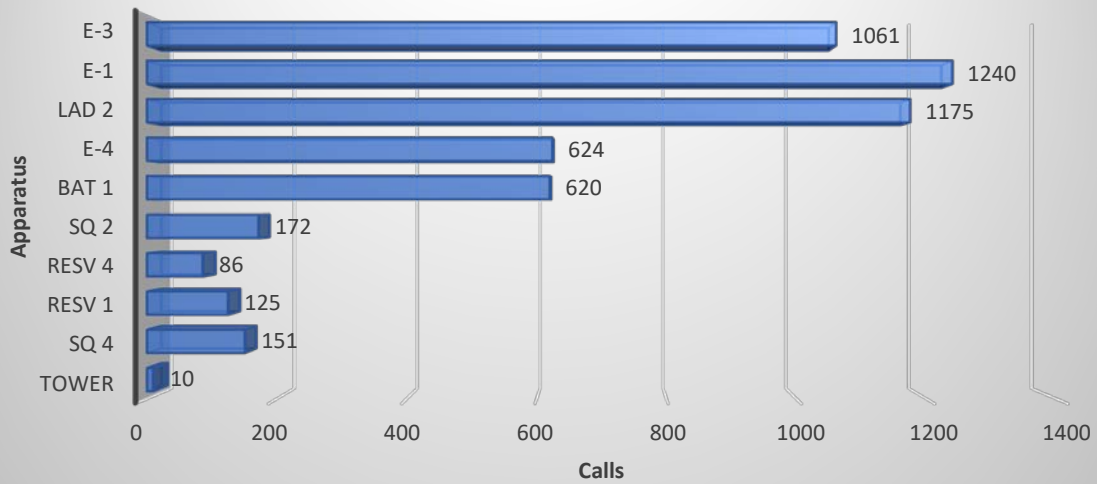


MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	55	1.34%
Other	9	0.80%
Rescue / Accident	285	6.90%
Emergency Medical	2582	61.67%
Hazardous Condition (No Fire)	99	2.39%
Service Call	394	9.60%
Good Intent Call	355	8.60%
False Alarm & False Call	359	8.70%
<b>TOTAL</b>	<b>4138</b>	<b>100.00%</b>

## Response by Station



## Unit Utilization





## Fleet

- The Fleet consist of front-line apparatus, reserve apparatus, and support vehicles.

ID	Unit	Year	Make	Model
B3416	Batt 1	2017	Ford	F250
C7186	C-1	2018	Ford	F150 Supercrew 4x4
C7188	C-2	2018	Ford	F150 Supercrew 4x4
C7187	C-3	2018	Ford	F150 Supercrew 4x4
C7724	C-4	2020	Ford	F250
C1819	C-5	2018	Ford	Explorer
C4864	C-10	2007	Dodge	Durango
C4958	C-11	2012	Ford	F250
C5906	C-12	2006	Ford	F150 Supercrew 4x4
C5580	C-14	2004	Dodge	Quad Cab Pickup
E4083	E-1	2011	Pierce	Contender Pumper
E7587	E-3	2014	Pierce	Pumper
E8944	E-4	2007	Pierce	Pumper
E4107	E-10	1988	Pierce	Lance Pumper
E9260	Resv 1	1995	Pierce	Saber
E9783	Resv 4	1996	Pierce	Lance Pumper
Gator	Gator 1	2005	John Deere	Gator TH 6 x 4
L8795	L-2	2016	Pierce	Velocity
S6996	Squad 2	2011	Ford 550	Pierce Patrol Unit
S6995	Squad 4	2011	Ford 550	Pierce Patrol Unit
Squad 7	Squad 7	2004	Stewart/Stevenson	5 Ton Flatbed Crane
Squad 8	Squad 8	1981	AM General	6x6 Ton Flatbed
T2446	Tower 3	2001	Pierce	Dash Ladder
U9341	Utility 1	2001	Ford	E450 Truck
U0655	Utility 2	2005	Ford	F550 XL Super Duty

## Apparatus Mileage

ID	Unit	Year	Make	2020 Mileage
B3416	Batt 1	2017	Ford	13,215
C7186	C-1	2018	Ford	9,484
C7188	C-2	2018	Ford	7,852
C7187	C-3	2018	Ford	12,873
C7724	C-4	2020	Ford	10,597
C1819	C-5	2018	Ford	10,853
C4864	C-10	2007	Dodge	5,927
C4958	C-11	2012	Ford	8,509
C5906	C-12	2006	Ford	1,934
C5580	C-14	2004	Dodge	3,202
E4083	E-1	2011	Pierce	7,673
E7587	E-3	2014	Pierce	10,860
E8944	E-4	2007	Pierce	8,426
E4107	E-10	1988	Pierce	380
E9260	Resv 1	1995	Pierce	2,489
E9783	Resv 4	1996	Pierce	2,737
Gator	Gator 1	2005	John Deere	N/A
L8795	L-2	2016	Pierce	7,449
S6996	Squad 2	2011	Ford 550	6,702
S6995	Squad 4	2011	Ford 550	2,684
Squad 7	Squad 7	2004	Stewart/Stevenson	22
Squad 8	Squad 8	1981	AM General	18
T2446	Tower 3	2001	Pierce	978
U9341	Utility 1	2001	Ford	407
U0655	Utility 2	2005	Ford	308

## Fleet Maintenance

ID	Unit	Year	Corrective Maintenance	Preventive Maintenance
B3416	Batt 1	2017	\$594.40	\$543.78
C7186	C-1	2018	\$39.34	\$98.40
C7188	C-2	2018	\$460.20	Warranty
C7187	C-3	2018	\$0.00	Warranty
C7724	C-4	2020	\$1,903.50	\$120.77
C1819	C-5	2018	\$0.00	Warranty
C4864	C-10	2007	\$961.47	\$76.54
C4985	C-11	2012	\$0.00	\$78.00
C5906	C-12	2006	\$0.00	\$35.08
C5580	C-14	2004	\$190.78	\$67.17
E4083	E-1	2011	\$13,799.86	\$3,249.98
E7587	E-3	2014	\$9,282.93	\$3,246.60
E8944	E-4	2007	\$10,882.36	\$3,946.28
E4107	E-10	1988	\$6,699.43	\$808.23
E9260	Resv 1	1995	\$20,250.98	\$995.20
E9783	Resv 4	1996	\$7,286.48	\$1,660.46
Gator	Gator 1	2005	\$0.00	\$0.00
L8795	L-2	2016	\$10,617.75	\$1,856.77
S6996	Squad 2	2011	\$21,028.66	\$329.00
S6995	Squad 4	2011	\$5,429.34	\$219.07
Squad 7	Squad 7	2004	\$190.16	\$0.00
Squad 8	Squad 8	1981	\$405.94	\$0.00
T2446	Tower 3	2001	\$13,429.07	\$1,387.17
U9341	Utility 1	2001	\$58.38	\$743.00
U0655	Utility 2	2005	\$1,115.23	\$295.00

Total Corrective Maintenance                      \$125,253.45

Total Preventive Maintenance                      \$19,756.50

2020 Total    \$145,009.95

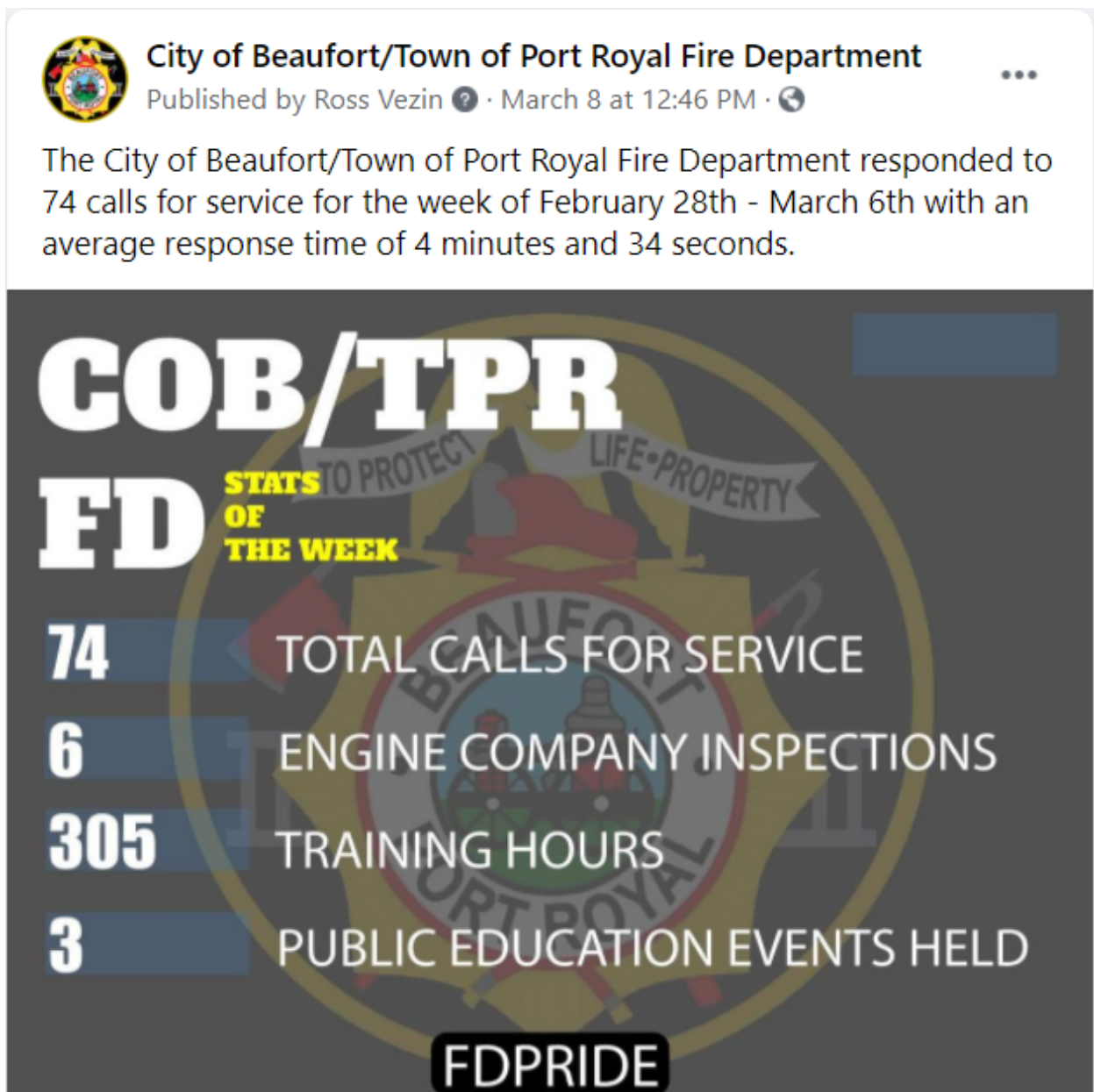
### Fleet Replacement Schedule

ID	Unit	Year	Make	Replacement Date	Service Life
C5580	C-14	2004	Dodge	2014	2019
C5906	C-12	2006	Ford	2016	2021
C4864	C-10	2007	Dodge	2017	2022
E8944	E-4	2007	Pierce	2017	2027
E4083	E-1	2011	Pierce	2021	2031
S6995	Squad 4	2011	Ford 550	2021	2026
S6996	Squad 2	2011	Ford 550	2021	2026
T2446	Tower 3	2001	Pierce	2021	2031
C4958	C-4	2012	Ford	2022	2027
E7587	E-3	2014	Pierce	2024	2034
L8795	L-2	2016	Pierce	2026	2036
B3416	Batt 1	2017	Ford	2027	2032
C7186	C-1	2018	Ford	2028	2033
C7188	C-2	2018	Ford	2028	2033
C7187	C-3	2018	Ford	2028	2033
C1819	C-5	2018	Ford	2028	2033
C7724	C-4	2020	Ford	2030	2035
E4107	E-10	1988	Pierce	Due	Past Due 2008
E9260	Resv 1	1995	Pierce	Due	Past Due 2015
E9783	Resv 4	1996	Pierce	Due	Past Due 2016
Gator	Gator 1	2005	John Deere	Due	Past Due
U0655	Utility 2	2005	Ford	Due	2025
U9341	Utility 1	2001	Ford	Due	2021
Squad 7	Squad 7	2004	Stewart/Stevenson	Service Life	Service Life
Squad 8	Squad 8	1981	AM General	Service Life	Service Life

**Initiative 6.2 (from City Strategic Plan):** Explore opportunities to publish law enforcement/firefighting statistics on website/social media.

Accomplishments:

1. Fire department statistics are published to social media weekly complete with call type, training hours, public education hours, and most importantly our weekly average response time to the entire city.



The image shows a Facebook post from the City of Beaufort/Town of Port Royal Fire Department. The post includes a profile picture of the fire department, the name 'City of Beaufort/Town of Port Royal Fire Department', and the text 'Published by Ross Vezin · March 8 at 12:46 PM'. The main text of the post states: 'The City of Beaufort/Town of Port Royal Fire Department responded to 74 calls for service for the week of February 28th - March 6th with an average response time of 4 minutes and 34 seconds.' Below the text is a large graphic with a fire department emblem in the background. The graphic features the text 'COB/TPR' and 'ED' in large white letters, with 'STATS OF THE WEEK' in yellow. It lists four statistics: 74 TOTAL CALLS FOR SERVICE, 6 ENGINE COMPANY INSPECTIONS, 305 TRAINING HOURS, and 3 PUBLIC EDUCATION EVENTS HELD. At the bottom of the graphic is a black box with the white text 'FDPRIDE'.

Statistic	Value
Total Calls for Service	74
Engine Company Inspections	6
Training Hours	305
Public Education Events Held	3

## **Suggested Strategic Objective for the City of Beaufort-Town of Port Royal**

1. The City of Beaufort and Town of Port Royal are being asked by Beaufort County to participate in a Development Impact Fee for Emergency Medical Services (EMS).
  - Municipal administration has continuously offered the County space in the 4 existing fire stations to house ambulances and partner. This request was denied.
  - Municipal administration requested a joint Fire and EMS station at the Shanklin road facility. This request was denied.
  - Beaufort County is considering developing/redeveloping more EMS only stations within the jurisdiction of the City and the Town
  - The Town of Hilton Head is not being asked to participate in the Development Impact Fee for EMS, because their fire department provides both Fire and EMS transport services.

***Objective: Feasibility study and implementation plan for adding transport EMS services to suite of services for the City of Beaufort and Town of Port Royal through a fire medical department.***

## Key Goals; July 2021-June 2022

1. Complete the amendment of the 2019 AFG Grant for AEMT. After the procurement process and completion of the first 24 AEMT students an amendment was filed with FEMA and granted to use excess funds. This will send 6 more students to class through mid-summer 2021.
2. Facilitate post COVID mutual Aid Training with Bluffton FD, MCAS FD, MCRD PI FD and Lady's Island St. Helena FD (this training is currently slowly picking back up)
3. Application has been made in the 2020 Grant year for Assistance to Firefighter Grant program for 6 EMT-B's, 12 EMT-A's and 8 EMT-Paramedics. A key component to this grant application is if awarded, we will have two years to complete where in prior years this grant has been one year.
4. Two fire apparatus purchases were approved in the FY 2021 budget. One will be complete in August, the truck is being built right now, and the second will be undertaken as more impact fees are collected.
5. Complete the transition from EMT-B non transport to EMT-Paramedic non-transport service.
6. Study and implementation plan for transport EMS service
7. Conduct internal ISO audit

## Capital Needs Next 24 Months

### VEHICLES

1. In 2009 the department replaced some aging apparatus with pickup truck style Quick Response Squads. They have been used successfully when staffing allows to supplant non fire suppression response, i.e. medical and service type calls.

These two vehicles are due for replacement and to be placed in a reserve status for the rest of their service life. The estimated cost of these replacements is a total of \$400,000, with no equipment purchase. This would only replace the vehicles.

2. The city has the opportunity to contemplate transport ems service and create a fire medical department, similar to what is done in communities nationwide. If the analysis of this opportunity is favorable, then the two squads would not need new replacements and could be placed in a reserve status for alternative purposes and the two vehicles could be replaced with ambulances. The purchase price per ambulance, with equipment is estimates to be \$350,000. A key component to this analysis is that each ambulance will generate fee's from the recipient of the service.

## **EQUIPMENT**

4 Cardiac Monitors. These pieces of equipment are important in the transition of medical care from EMT-Basic to EMT- Paramedic. The estimated cost for these monitors in total is \$160,000. There may be lease purchase or outright lease opportunities to drastically decrease the significance of the onetime cost.

All other firefighting equipment has been included in our apparatus purchasing program and will make capital purchasing for firefighting equipment unnecessary once the program hits sustainability.