

2022

ANNUAL
REPORT



**Baytown Fire
Department**

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Message from the Chief

2022 was an exciting year for the Baytown Fire Department. As pandemic restrictions continued to loosen, society was able to return to a semblance of normalcy. Because of that, the amount of city events increased, and our department was able to get back into the community and personally engage with our citizens.

The Baytown Fire Department continued as an Insurance Services Office (ISO) Public Protection Class 1 rating fire department for the 5th consecutive year. Receiving the class 1 designation in 2018 placed us in the top 1% of fire departments nationwide. In addition, we also achieved the EMS Silver Plus award from the American Heart Association for following the latest research-based standards for severe heart attacks.

We had several changes in leadership as a result of eight retirements throughout the year. The civil service promotional exam was completed in February, providing us with an updated list for promotions. In all, we promoted one new Assistant Fire Chief, four new Division/Battalion Chiefs, six new Lieutenants, and seven new Engineers. We were also fortunate to hire seven new firefighters to fill the vacancies that resulted from the retirements and subsequent promotions. In addition, we hired a new mechanic to join our fleet maintenance team.

The Baytown Office of Emergency Management had some exciting new leadership changes as well. We hired a new Emergency Management Coordinator and Deputy Emergency Management Coordinator. They are doing a fantastic job of preparing our city for any disaster and ensuring the Emergency Operations Center is ready for immediate activation when needed. The emergency management team focused heavily on community awareness for planning and preparation, participating in numerous events and hosting the Community Emergency



Fire Chief
Kenny Dobson

Response Team (CERT) training program for the public.

We were thrilled to receive two new apparatus: a new ambulance and fire engine for fire station three located on Massey Tompkins Road. We expect to continue our progress with apparatus replacement in 2023 when we receive another ambulance and two more fire engines.

The department has made tremendous progress in accomplishing several of the objectives outlined in our strategic plan. Some items include; adding security fencing around the fire stations, developing and implementing a fire officer training program, creating an apparatus replacement plan with secured funding, utilizing Lexipol to upgrade policy and procedure manuals, and the completion of the Public Safety Facility Phase I Project that includes a new mechanics garage and shop with seven vehicle bays.

I am proud of the accomplishments we have made this past year, and I look forward to our department continuing this momentum in the upcoming years.

Who We Are

Integrity

We build community relationships based on trust and respect by adhering to the highest moral and ethical principles.

Excellence

We focus on continuous improvement, both individually and organizationally, to ensure delivery of the highest quality service at all times.

Compassion

We exceed expectations while providing caring service through kindness and empathy.

Professionalism

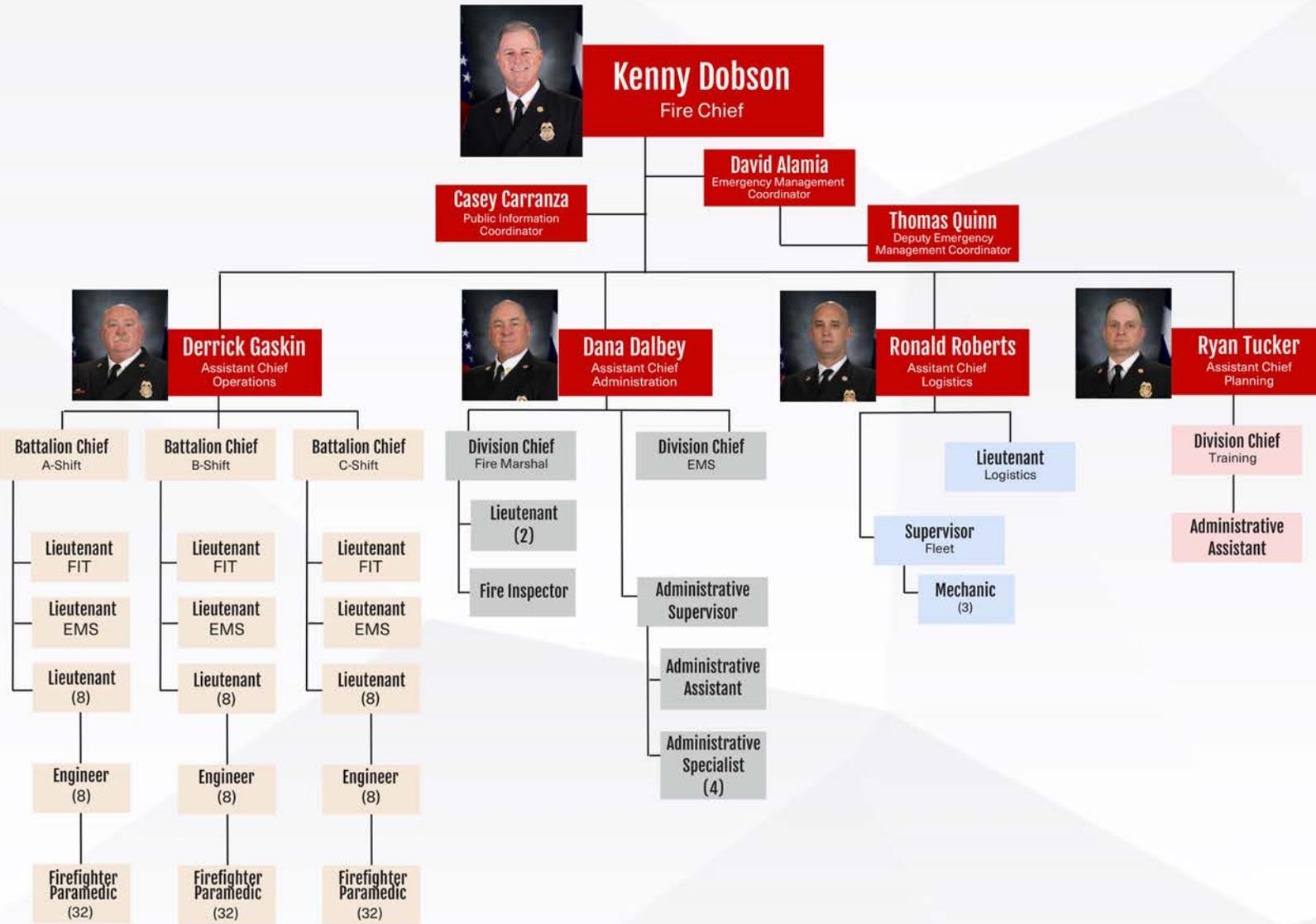
We provide exceptional service while maintaining the highest standards in our interactions, appearance, performance, and attitude.

Our Mission

To serve our community and improve the quality of life of our residents through effective emergency response, hazard mitigation, risk reduction activities, and public engagement.



BAYTOWN FIRE DEPARTMENT Organizational Structure



Operations

- Emergency Response
- Grants
- Special Operations
 - Marine
 - HAZMAT
 - TIFMAS
 - USAR
 - SWAT Medic
 - Dive Team
 - High Angle Rescue

Administration

- Budget/Finance
- Community Risk Reduction
- EMS Administration
- Office Support
- Infectious Disease Exposure
- Workers' Compensation

Logistics

- Facilities
- Equipment
- Capital Projects
- Fleet
- FD Vehicle Accidents
- Hiring

Planning

- Accreditation
- Strategic Planning
- ISO
- Training Field Operations
- Department Training

Demographics

City Population

86,835*

People

Response Area

82

Square Miles

Incidents

15,061

Total Calls

*Does not include Harris County ESD 75 population

Uniformed Personnel



165

Civilian Personnel



14

7 Fire Stations
1 Command Station
7 Fire Engines
5 Ambulances
2 Wildland Engines
1 HazMat Unit
1 Rehab Bus

1 Ladder Tower
8 High Water Trucks
1 Rescue Boat
1 Fire Boat
1 Cascade Trailer
**2 Technical Rescue
Response Units**

Accomplishments



New Medic 3

Baytown Fire Department received a new Frazer Type I ambulance mounted on a Ford F450 Diesel 4X2 regular cab chassis. The new ambulance replaced the Medic 3 ambulance which was placed in reserve status. The ambulance was funded through the Baytown Fire Control, Prevention, and Emergency Medical Services District (FCPEMSD).

New Engine 3

The Baytown Fire Department received our new Engine 3 in June. The new engine is the second Velocity model joining our fleet. This chassis will be replacing the Quantum cab, and will be the new standard model for new trucks going forward. We are expecting two new engines for stations 1 and 6 in 2023.



EMS Silver Plus Award

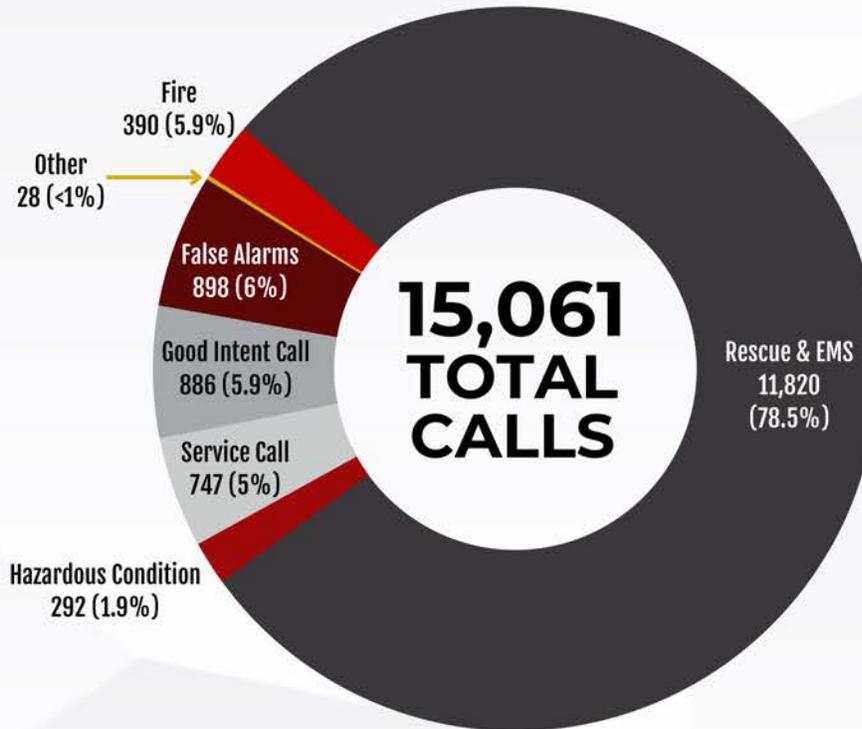
In 2022, we achieved the EMS Silver Plus Award in recognition by the American Heart Association for following the latest research-based standards for severe heart attacks. This award recognizes commitment and success in implementing a higher standard of prehospital care by ensuring every STEMI patient receives treatment according to nationally accepted recommendations and standards.



Summer of 2022 marked the implementation of Operative IQ Front Line. Operative IQ provides us with an easy way to capture and report information critical to staying service-ready. This application allows our field personnel to perform fleet inspections, inventory medical supplies, track narcotics, and manage supply needs and deficiencies.

Emergency Response

CALL VOLUME



Fire Response

Turnout Time (Dispatch Time to Enroute Time)

NFPA Benchmark: 1:20 min

2:21

Travel Time (Enroute Time to On Scene Time)

NFPA Benchmark: 4 min

5:51

EMS Response

Turnout Time (Dispatch Time to Enroute Time)

NFPA Benchmark: 1 min

2:20

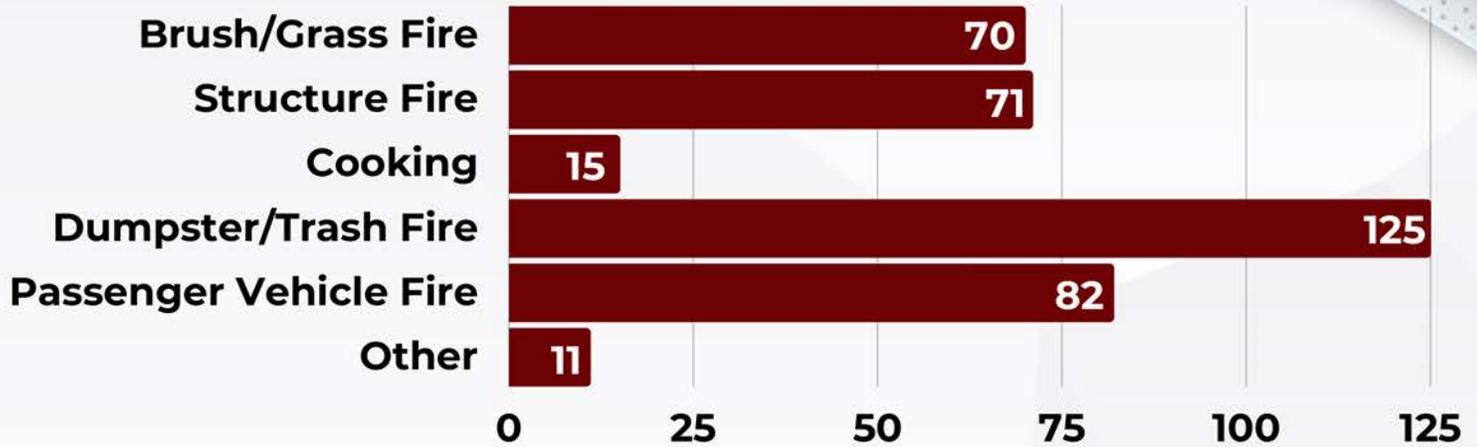
Travel Time (Enroute Time to On Scene Time)

NFPA Benchmark: 8 min

8:21

The times represented above are 90th percentile statistics. NFPA Standards establish the times marked by gold lines above as benchmark goals for not less than 90% of dispatched incidents.

Fire Suppression



Structure Fire Containment

71 Total Building Fires

47 Confined to Room of Origin

66%

of Structure Fires were Confined to Room of Origin

Injuries/Deaths Due to Fire

6 Civilian Injuries

2 Civilian Deaths

23 Firefighter Injuries

0 Firefighter Deaths

\$4,067,393
Total Dollar Loss

\$142,860,952
Potential Dollar Loss*

**Potential Dollar Loss is the actual dollar value of the structure as per the Harris County Appraisal District. It indicates what the dollar loss would be if the structure were completely destroyed by fire.*



EMS Division

Top 5 EMS Calls

1

2,816
SICK CALLS

2

1,444
BREATHING PROBLEMS

3

1,299
FALLS

4

1,226
TRAFFIC ACCIDENTS

5

752
CHEST PAINS



3,640
TRAUMA
CALLS

1,008
CARDIAC
CALLS

8,242
MEDICAL
CALLS

Cardiac Arrest to Enhance Survivability (CARES) Data: Out of Hospital Cardiac Arrest Survivability

**Presumed Arrest Etiology Non-Traumatic*

2022

90 Cardiac Arrest Patients	Baytown	Texas	Nation
Overall Survival to Hospital Admissions	34.4%	24.4%	24.7%
Overall Survival to Hospital Discharge	24.4%	9.7%	8.7%

2021

140 Cardiac Arrest Patients	Baytown	Texas	Nation
Overall Survival to Hospital Admissions	24.3%	23.8%	23.9%
Overall Survival to Hospital Discharge	17.1%	9.1%	8.7%

Training Division



Department Training:
37,874
hours

Average
259.64
hours per member

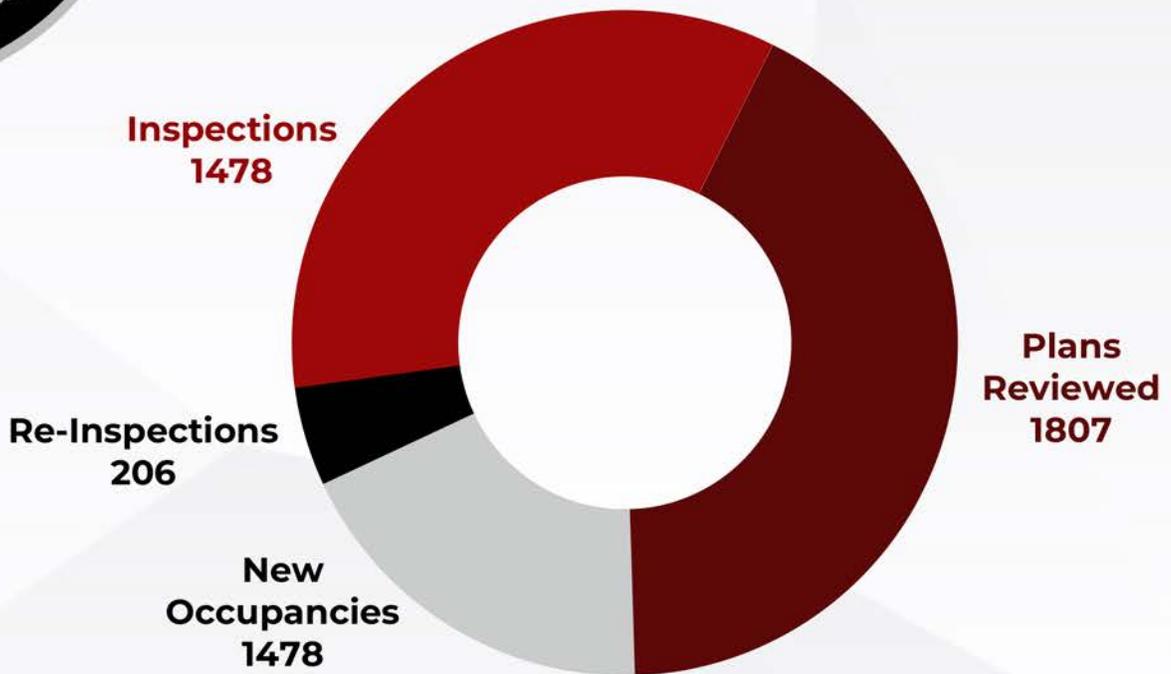
Outside Training Courses

- Advanced Science for Hazardous Materials (R0655)
- Chemistry for the Emergency Responder R0233
- Dive Medical Tech
- ECHO Austin Medical Conference
- Hot Zone at Hazmat Conference
- Lt. Joseph P. DiBernardo Memorial Training Seminar
- NAEMSE Level I & II Instructor
- National Hurricane Conference
- NFPA 1006 2021 Rescue, Trench Rescue, Confined Space, & Rope Rescue II
- Propane Emergencies
- Risk Reduction at Characterization Conference
- TCFP Fire Officer 2
- TCFP HazMat Technician
- TEEX Advanced Exterior Structural Collapse TNG25S
- TIFMAS Symposium 2022
- TNG26S Advanced Interior Structural Collapse
- Women in Fire 2022 International Conference

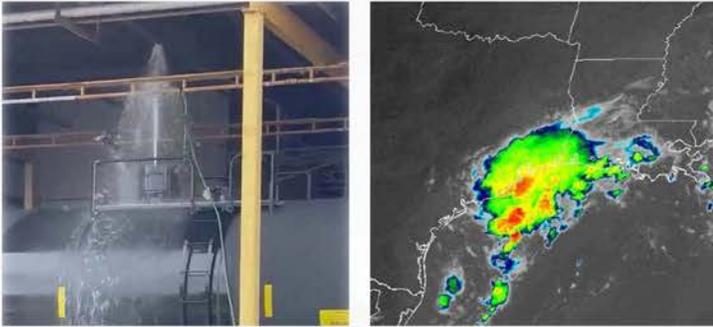
Community Risk Reduction



Inspections by Numbers



Emergency Management



EOC Activations

- Rail Car Leak
- Invest 95L / Flash Flooding
- TabbsBay Oil Spill
- Battleship Texas
- Juneteenth Celebration
- July 4th Celebration
- GritoFest

2022 by the Numbers

- 6 Public education and outreach events
- 6 Emergency Plans updated
- 7 EOC activations and monitoring Incidents
- 7 Trainings instructed, hosted, or attended
- 8 Exercises conducted or attended
- 17 LEPC and Industry Meetings
- 18 Residential Board and Care Licenses Issued
- 33 EM Meetings with City Departments
- 56 EM Meetings with External Agencies
- 60 Communication Drills
- 250 E-Notify Industrial Notifications



Emergency Management

Planning



In-Progress

- Disaster Debris Management Plan
- Hazard Mitigation Support Annex
- Evacuation Support Annex

Completed

- Health and Medical Annex (ESF 8)
- Agriculture and Natural Resources Annex (ESF 11)
- Hurricane Response and Recovery Annex
- Disaster supply and equipment updates
- Animal Issues Committee Plan and Animal Response SOG

Recovery and Mitigation

FEMA Public Assistance

- DR 4332 Harvey
 - 1 project open –Lift Station at James Street \$38,991.
 - All other projects Closed-out.
 - Withdrew Lift Station projects due to extraordinary costs from FEMA requirements.
- DR 4586 Winter Storm
 - Submitted appeal for Force Account Labor \$230,957.
- DR 4485 COVID-19
 - Withdrew application and used other COVID funds.

Hazard Mitigation Assistance

- GLO LHMPP
 - \$75,000
- BRIC Mitigation Plan
 - \$80,000
- HMGP-Fire Public Education Project
- HMGP-Fire Warning Sign Project

Community Outreach

52

Community Events

37

School Visits

26

Fire Station Tours



Community Outreach



B.E.A.T. Alley Program

The Baytown Educational Action Team (B.E.A.T.) delivers an exciting, imaginative program that teaches children life and fire safety through clowns, puppets, music, magic and more. Each year, the BEAT Alley visits elementary schools in Baytown area to teach fire and life safety to the children. This year, they visited 17 schools, performed 32 programs, and reached over 8,000 students.



Baytown Fire & EMS Explorers Post 1173

This program focuses on giving career training and development in the Fire and EMS industry to kids ages 14-20 by combining classroom lessons and hands-on training. The Explorers' program will benefit young adults by improving self-confidence, providing leadership experience and networking development, preparing them for college and career readiness, as well as offering scholarship opportunities to participants.



Retirees



Assistant Chief
Victor Medrano



Battalion Chief
Robert McKay



Division Chief
Richard Lopez



Division Chief
Fred Spencer



Lieutenant
Victor Medina



Lieutenant
John Wadley



Engineer
James Burgess



Firefighter
Todd Guidry

Promotions

Assistant Chief

Ryan Tucker

Battalion/Division Chief

Luke Bedarek

James Miller

Erik Skow

JD Gilles

Lieutenant

Jacob Griffith

Joshua Young

George Lusito

Robert Hebert

JD Hebert

Michael Dawson

Engineer

Hayden Phillips

Chloe Matula

Zachary Henderson

Zachary Cox

Martin Rojas

William Fregia

Johnathan Moore

New Hires



**Firefighter
Philip Blair**



**Firefighter
Ashley Chaffin**



**Firefighter
Michael Cohan**



**Firefighter
Robert Ford**



**Firefighter
Mack Grace**



**Firefighter
Gavin Lehew**



**Firefighter
Alexander Lockard**



**EM Coordinator
David Alamia**



**Deputy EM Coordinator
Thomas Quinn**



**Mechanic
Andy Shih**

Firefighter of the Year



**Baytown Fire Department
Firefighter of the Year**

**Firefighter
Taylor Brown**

**Baytown Chamber of Commerce
Firefighter of the Year:**

**Firefighter
Anthony Henry**



Awards

Medal of Valor

Lieutenant Robert Balsamo
Firefighter Daniel Calhoun
Lieutenant Chris Crain
Firefighter Caleb Dove
Division Chief JD Giles
Firefighter Ryan Guseman
Battalion Chief Patrick Mahoney
Engineer Estevan Rodriguez
Firefighter Bryton Seberg
Lieutenant Aaron Smith
Lieutenant Derek Snell
Lieutenant Mike Wills

Medal of Merit

Firefighter Jason Cochran
Firefighter Alexander Lockard
Firefighter Aaron McNeil
Lieutenant Joshua Young

Distinguished Service

Lieutenant James Weaver

Chief's Cross

Jamaica Hairston