

# 2022 ANNUAL REPORT



## ***HANFORD FIRE DEPARTMENT***

*“Serving the community since 1891”*

### **Mission Statement**

The mission of the Hanford Fire Department is to deliver effective, professional fire prevention and emergency response.

### **Vision Statement**

The Hanford Fire Department strives to advance public safety through metrics, self-assessment and industry advancements. The men and women of the Hanford Fire Department will remain proactive and in control of our future. We accept the challenges that will come with the same discipline and integrity of our forebears.

### **Diversity Statement**

The Hanford Fire Department is an organization set to represent our community. Members of the department come from many socio-economic, ethnic, and cultural backgrounds. Our common thread is our passion to serve in whatever capacity is needed. Diversity provides perspective, experience, and understanding which only enhances the fire service and the people of Hanford.

### **Core Values**

*\*\*Compassion\*\* Integrity\*\* Accountability\*\* Teamwork\*\* Family\*\* Respect\*\**



## FIRE CHIEF'S MESSAGE

On behalf of the 45 paid employees, volunteers, and interns of the City of Hanford Fire Department, I am pleased to bring you the Fire Department's 2022 Annual Report. Founded in 1891, your fire department has been provided public service and education through a strong reaction force made up of professional paid and volunteer firefighters; a passionate preventative bureau bringing risk assessment, reduction, and education; and a customer-oriented administration staff. Through effective, professional fire prevention and emergency response, customer service is our top priority. While not exhaustive, the purpose of this annual report is to highlight accomplishments, goals, and challenges faced throughout the past year.

From emergency response to delayed equipment repairs, Covid continued to dominate the way we do business in the Fire Department. The first half of the year saw staffing issues and supply chain disruptions. The rest of the year was managing the ripple effects. Through it all, your fire department continued to serve and provide the best protection and education possible to our customers.

### **2022 Accomplishments**

Battalion Chiefs were moved to a shift schedule. Three firefighter positions were deleted to accommodate hiring an additional BC. The department has struggled to maintain complete staffing at the firefighter rank. The BC position has increased minimum daily firefighter staffing from 9 to 10. The purpose of shift BC's is to help maintain crew integrity, increase incident effectiveness, and enhance department oversight.

In February, Central CA Emergency Medical Services Agency (CCEMSA) took over as the primary dispatch for the department. Fire and EMS calls are now being triaged prior to dispatch. The goal is to eliminate calls that were previously canceled or not needed. We saw an immediate reduction in stacked calls; company availability has increased; and an overall 9% reduction in total call volume. Appropriately decreasing the call volume reduces wear on equipment, disrupted traffic patterns, and increases safety and overall customer service for our community.

To help manage our policies and procedures, the department went live with Lexipol. Lexipol continually monitors and updates mandates, standards, and best practices so we can provide

increased safety and overall customer service.

Guiding documents were updated mid-year. Staff met with stakeholders to review before implementation of initiatives. Individually, Council Members have been briefed on the updated plans. Staff will bring the guiding documents for acceptance to the Council in 2023. The guiding documents updated were the Community Risk Assessment and the Standard of Response Coverage; Master Plan, and the Strategic Plan. Personnel have already begun working on the initiatives outlined in the plan. We have already completed 3 of the initiatives identified in the guiding documents.

Pinnacle Training Systems took over as our annual personnel physicals and behavioral health contractor. Immediately, Pinnacle identified 2 potential cancers in firefighters. Both were positive and early treatment is underway. Addressing the behavioral health component of our firefighters is as critical as their physical health. Around the country a first responder commits suicide every 3 days. Over a career, 46.8% of firefighters will have suicide ideation caused from trauma, PTSI, and other acute and/or accumulated exposures.

The training division was able to complete a recruit academy in 2022, bringing on Firefighter Ibrahim Mirjan. Additionally, working with City Human Resources, we conducted testing for Firefighters, Engineers, and BCs.

Community Risk Reduction has been extremely busy. New construction and mandatory inspections dominate most of our personnel's time. Annual and biennial inspections were slowed to accommodate for increased new construction and addressing all mandatory inspections. The goal is to complete 100% of the new construction plan review within 4 weeks, and 90% under 3 weeks if no changes are required. New construction inspections are scheduled for completion within 48 – 72 hours, as well as all other safety inspections.

Community events consisted of our annual Open House, TNMP booth, and one of the most assertive school programs in the Central Valley. Our goal is to have people hear our safety message numerous times from several venues per year. Some of our public education programs include fire safety, earthquake preparedness, fireworks safety, and community CPR.

Station flooring project was completed at Station 1 & 2. The carpet was replaced with LVT, which can be easily cleaned to reduce exposure.

Grants continue to support short-term and one-off projects. The department brought in nearly \$50,000 in grants in 2022.

## **Goals and Challenges for 2023**

The fire department has been in a season of change for many years, and we will continue to seek opportunities for improvement in the upcoming years.

Our top priority in the department is to address our reserve fleet. The current replacement plan has the next engine being purchased in 2031. In 2022, our primary reserve apparatus was in use or out for repairs every day of the year. The OES engine was put into use to backfill the department for more days than allowed in the agreement. Once ordered, a new fire engine takes 24 – 30 months to arrive. Unfortunately, the apparatus does not last as long as originally planned. We need to update our Vehicle Replacement Policy, funding patterns, and plans to address the above issues.

Retention continues to haunt the entire fire service. Larger agencies grab from smaller organizations as part of their recruitment plan. Two firefighters resigned to work for another department and one part-time inspector left to work in private industry. The City has taken steps to address this through reorganization and contract negotiations, but it will take more time to recognize the benefits.

Overtime expenses must be brought under control. Short of closing stations or reducing minimum daily staffing, the recommended resolution is to increase the daily staffing while maintaining minimum staffing at current levels. In doing so, it will take multiple vacancies to create 1 overtime. With pension reforms over the last decade, savings can now be clearly recognized. Your fire staff will be developing a plan to identify the ideal number of firefighters needed to reduce the overtime to a sustainable level. The City has applied for a FEMA Staffing for Adequate Fire and Emergency Response (SAFER) grant to hire 6 additional firefighters at little cost to the City for the first 3 years.

Training grounds, which include a 3-story tower, are still needed to address the constant training needs. Crews have begun researching options that will meet our needs until a permanent facility can be built. Portable training towers are another option and cost from \$150,000 to \$300,000, which is less expensive than fixed facilities.

To address the growing public education needs for the community, the department is exploring a Safety Trailer for school programs, TNMP, Open House, and other community events to promote fire safety. These trailers cost upwards of \$150,000.

With valley air and heat concerns, virtual reality training is becoming a tool used by many departments for fire extinguisher and hose training. Nothing can completely replace real opportunity for firefighters to conduct live burns, but the build up to the burn and anytime we're working with the public. There currently is no safer replacement for live fire than VR; plus, it is engaging to the next generation. The extinguisher prop is about \$12,000 and the FLAIM prop is about \$90,000. Both

props would be coupled with a Safety Trailer for maximum effect and influence.

Replacing aging radios throughout the department is a continuing need. Base and mobile radios are well over 20 years old and have been passed from vehicle to vehicle. Grants have been awarded and should begin rolling out in 2023 to begin replacing units.

To address the same concerns that led to replacing the floors, fabric chairs will need to be replaced soon. The fabric in contaminant, cannot be effectively decontaminated, are breaking down, and most have been in the department for well over 25 years old.

The concrete at station 1 has significant cracking that will continue to undermine the foundation and driving paths. A plan to replace the most damaged sections is underway, but this will be a multi-year project. Unless a windfall occurs to replace all damaged concrete, sections will need to be addressed in future CIP's.

On behalf of the Hanford Fire Department, it is an honor to serve our community and we thank you for your support as we carry out our duties to accomplish the Mission of the Hanford Fire Department and the City of Hanford.

Steve Pendergrass

Fire Chief

## ANNUAL BUDGET

The suppression and emergency response division provides essential core services to all areas of the department including the acquisition of departmental supplies inventory and equipment as well as the management of the emergency service communications systems to ensure the safety of the public and employees. This supports the emergency response personnel enabling them to provide responsive and professional service to the public. The suppression and emergency response division provides all-risk emergency services including fire suppression, emergency medical care, hazardous material response, fire hydrant maintenance, apparatus maintenance, equipment maintenance and company building inspections, in-line with requirements as set forth by federal state and local government codes and regulations..

The Hanford Fire Department strives to be an innovative and progressive organization and meet the changing demands of the city. One aspect of this innovation can be seen in efforts to utilize technology, such as traffic light preemption, mobile mapping, and mobile data terminals to meet the department's response time goals. All department members are committed to making a difference in our community.

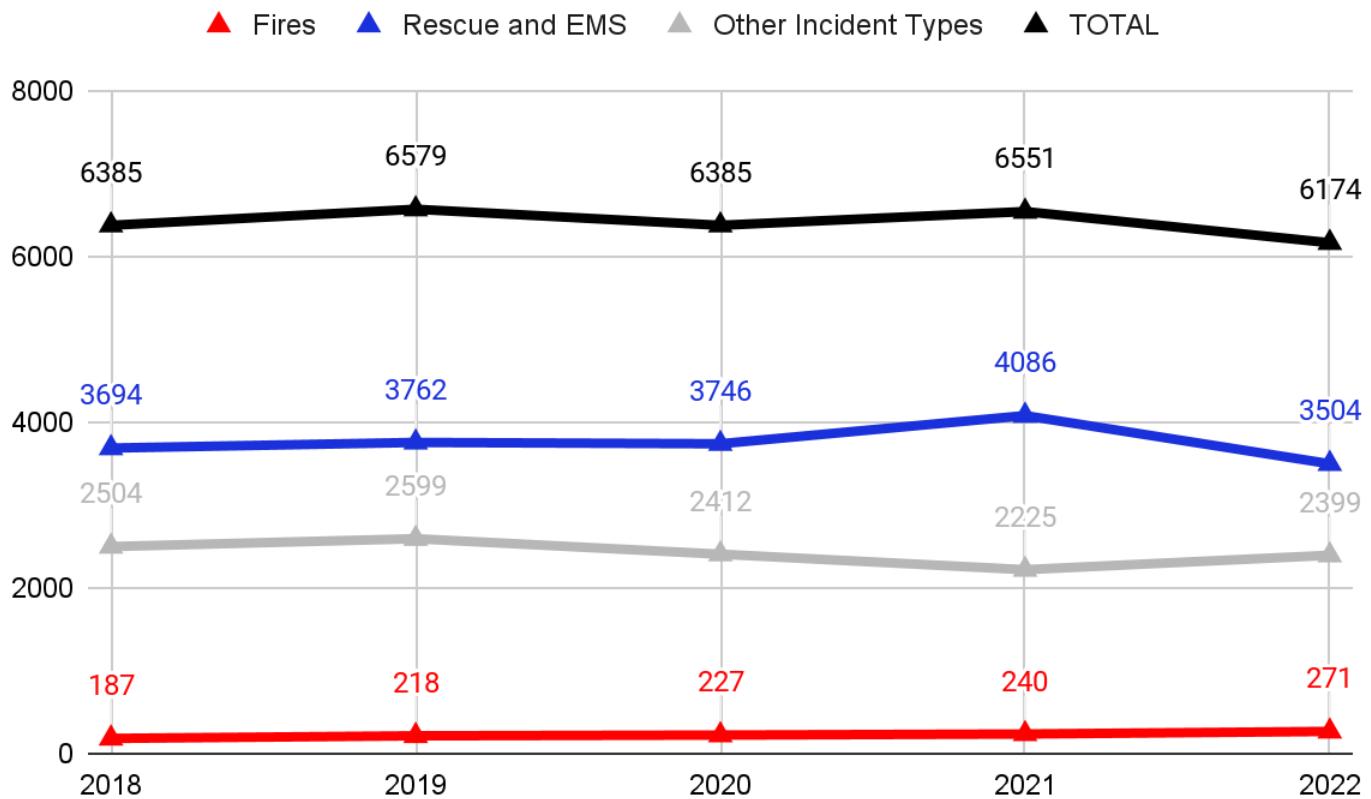
2022 Annual <u>Fire Suppression</u> Budget	
TOTAL FIRE SUPPRESSION BUDGET	\$6,735,889.86

2022 Annual <u>Fire Prevention</u> Budget	
TOTAL FIRE PREVENTION BUDGET	\$220,928

## CALL VOLUME DATA

	TOTAL CALLS	TOTAL LOSSES	TOTAL VALUE	TOTAL SAVED	% OF OVERLAPPING INCIDENTS	AVERAGE TIME ON SCENE MM:SS
2018	6385	\$1,459,759	\$15,169,224	\$13,709,465	37.26%	31:25
2019	6579	\$4,030,081	\$22,148,130	\$17,971,165	36.77%	20:53
2020	6385	\$1,830,538	\$69,618,692	\$67,788,154	46.33%	34:40
2021	6551	\$2,707,786	\$16,563,597	\$13,855,811	49.72%	29:02
2022	6174	\$4,701,273	\$18,466,082	\$13,764,809	40.31%	24:01

## Breakdown by Major incident type



### TOTAL INCIDENTS PER FIRE STATION IN 2021

STATION 1 (350 West Grangeville)	STATION 2 (10553 Houston Ave.)	STATION 3 (1070 S. 12th Ave.)
<b>3147 (51%)</b>	<b>926 (15%)</b>	<b>2093 (34%)</b>

### TOTAL INCIDENTS BY SHIFT IN 2021

A SHIFT	B SHIFT	C SHIFT
<b>2115</b>	<b>2021</b>	<b>2037</b>

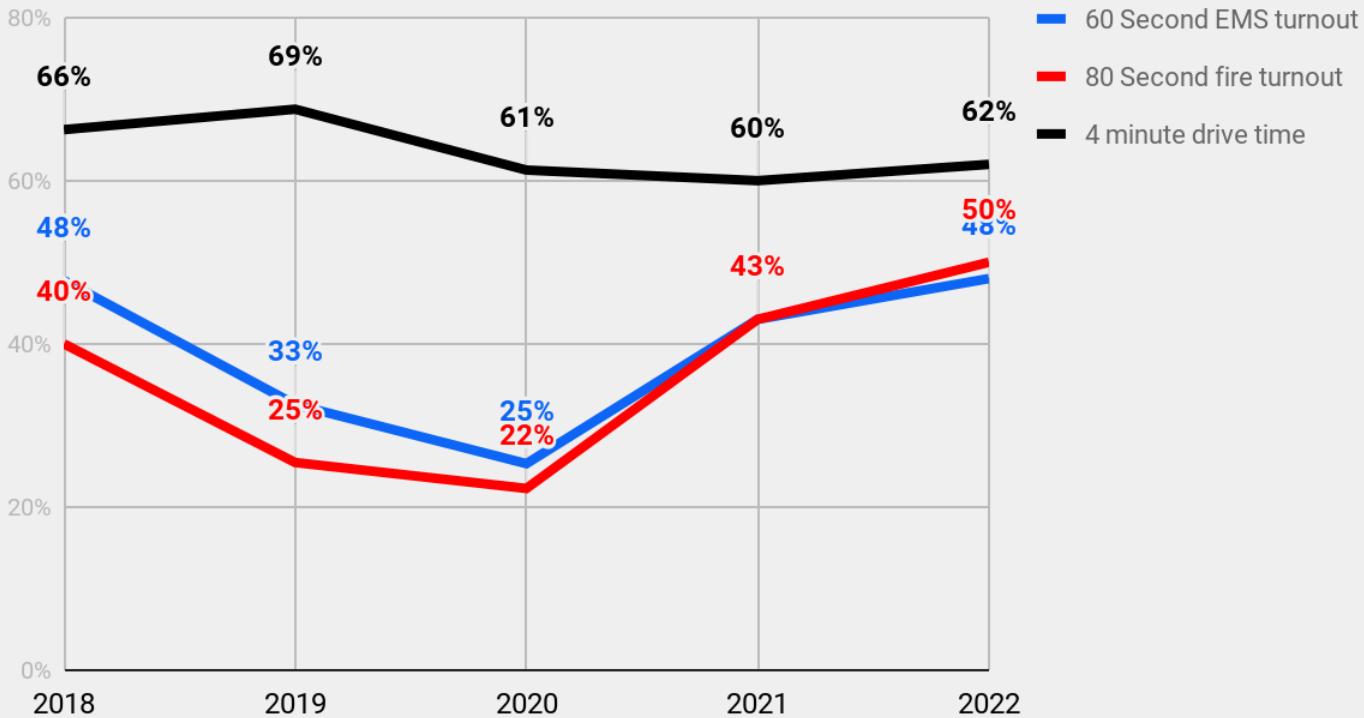
## RESPONSE TIME STATISTICS

The Hanford Fire Department measures our response times based on the National Standard outlined in NFPA 1710. This enables the Fire Department to actively monitor our response capability and how effective measures impact that capability. The Fire Department measures the following criteria;

1. **EMS turnout time** - 60 Seconds - from dispatch time to enroute time
2. **Fire turnout time** - 80 Seconds - from dispatch time to enroute time
3. **Travel Time** - 4 minutes - from enroute time to onscene time
4. **First Alarm assembly time** - 8 minutes - from enroute time until all resources are onscene

### RESPONSE TIME GOALS

#### PERCENT OF TIME HFD ACHIEVED RESPONSE TIME GOALS



A SHIFT		B SHIFT		C SHIFT	
60 second EMS Turnout time	49%	60 second EMS Turnout time	50%	60 second EMS Turnout time	45%
80 second FIRE turnout time	51%	80 second FIRE turnout time	55%	80 second FIRE turnout time	43%
4 Minute Drive Time	62%	4 Minute Drive Time	61%	4 Minute Drive Time	64%

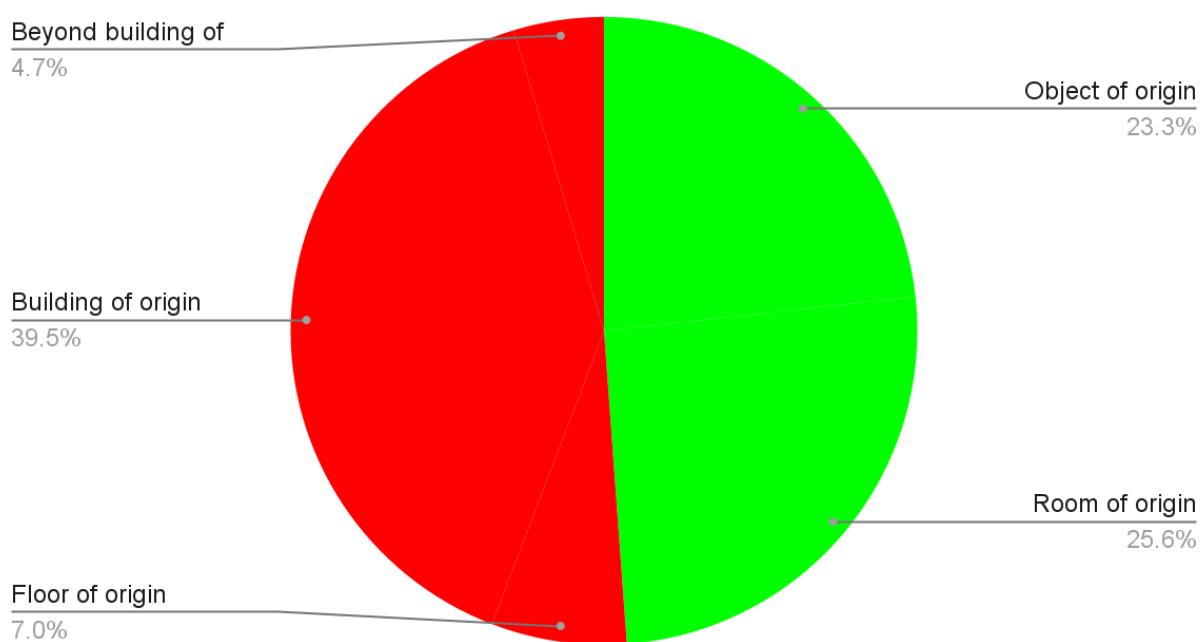
## FIRST ALARM ASSEMBLY COMPLIANCE (FIRES ONLY-INCLUDING MUTUAL AID)

First alarm arrived within 8 minutes	<b>61%</b>
First Alarm Consisted of 15 or more Personnel	<b>7%</b>

## FIRE CONFINEMENT COMPLIANCE

The Hanford Fire Department strives to protect its citizens through an aggressive fire prevention program preventing fires before they occur. Additionally, enforcing fire codes in an effort to limit the spread of fire. The goal of the Hanford Fire Department is to limit the spread of fires to the room of origin 80% of the time.

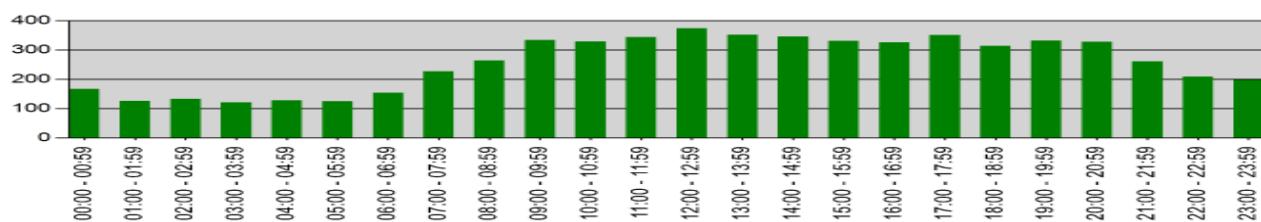
### Confinement Compliance 48.9%



## INCIDENT COUNT BY DAY OF THE WEEK

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
822	<b>821</b>	855	909	936	<b>946</b>	885

## INCIDENT COUNT BY TIME OF DAY



## Productivity

HFD personnel perform other duties every day. These duties are broken down into three basic categories. **1. Maintenance** covers maintenance of all apparatus, facilities, equipment and grounds. **2. Public Relations** covers duties such as Fire engine visits, station tours, CPR training, fire extinguisher training, school programs, etc. **3. Officer Time** includes report writing, meetings, etc. **4. Training Hours** and **5. Total hours on Incidents**.

NAME	MAINTENANCE	PUBLIC RELATIONS	OFFICER TIME	TRAINING HOURS	HOURS ON INCIDENTS
BARKSDALE	201	13	96	304	206
BORSHCH	233	40	40	355	241
BRACY	252	44	156	284	291
BRIONES	291	23	116	324	240
BUCKOWSKI	310	11	47	247	130
CHAVEZ	262	31	55	360	213
COSTA	260	31	<b>285</b>	<b>452</b>	156
ETULAIN	145	7	124	91	208
FREDIANI	227	16	75	419	174
FREDRICKSON	238	20	192	181	124
GREEN	<b>314</b>	41	48	429	249
HIATT	169	20	69	381	130
KAUFMAN	4	0	2	110	63
LEE	166	9	36	159	164
MARTINEZ, G	88	6	51	176	135
MARTINEZ, M	236	<b>53</b>	29	258	263
MCKEAN	161	26	204	301	475
MELLON	244	17	50	400	203
MIRJAN	36	13	4	163	38
NAPIER	310	25	46	418	318
NEAL	225	26	60	426	211
SPRINGER	208	29	109	271	286
TURNER	269	18	89	272	<b>622</b>
WEISSER	291	34	200	381	325
WOLFE	224	26	122	249	203

## PHOTO GALLERY

Search and Rescue Training



Structure Fire on Carter Way



Kitten Rescue



Fire Extinguisher Training with Explorers



Vacant House Fire



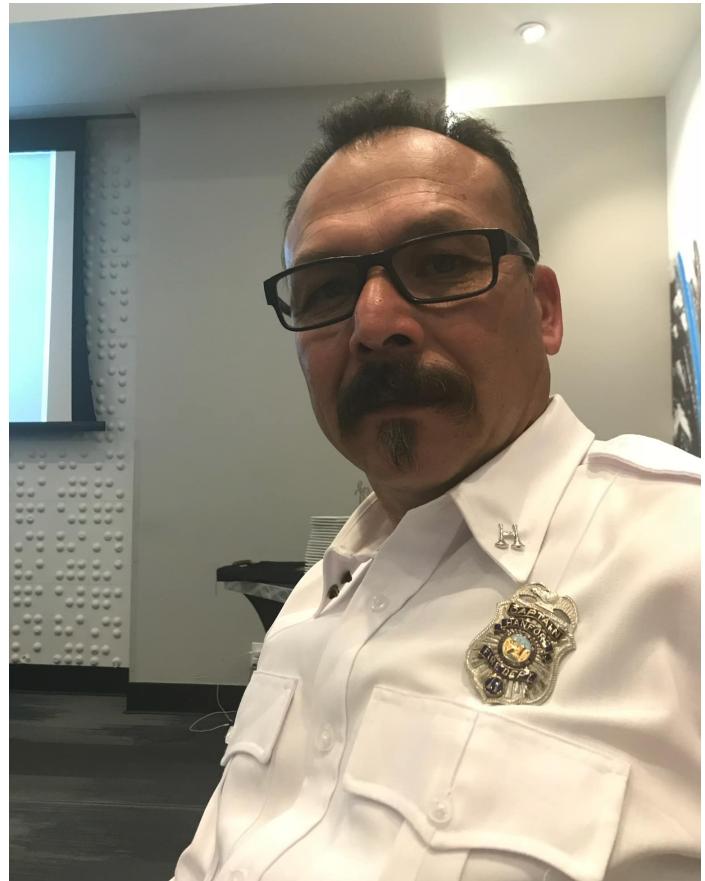
Rubbish Fire on 10th Ave.



Firefighter David Sumaya - Early in his career



Captain David Sumaya - Retired



David Sumaya - bringing his A game



David Sumaya in the Parade



## Open House 2022

