Placentia Fire and EMS Services
Final Quarterly Update

October 20, 2020
Personnel Update
Personnel Update

• Fire Chief with 35 years of fire experience, previously leading a fire department of over 350 personnel at 37 fire stations and protecting a population of 1.2 million residents
• 3 full-time Battalion Chiefs with over 95 years of combined experience
• 6 full-time Fire Captains with over 101 years of combined experience
• 7 full-time Fire Engineers with over 91 years of combined experience, one of which received a ‘North County Regional Hero’ award
• 6 full-time Firefighters who have over 65 years of combined fire and emergency medical experience
• 18 Reserve Firefighter positions filled
• All of the City’s fire personnel meet or exceed National and State standards and three of them have even received the ‘Firefighter of the Year’ distinction from their previous agencies
Training Update
Training Update

• All Placentia Fire and Life Safety Department personnel completed rigorous training standards, including California State Firefighter 1 certifications (NFPA 1001)
Training

- OC Training Officers Group
- Orange County Annex
- Hazmat Decontamination
- Rope Rescue Technician
- Target Solutions
- EMS Continuing Education
- Emergency Reporting
Training

- Mark 43 Training
- OC MEDS Training
- Task Books - State Fire Marshall
- Seagrave Training
- Fire Inspection & Code Enforcement
- Infectious Control Training
- Aerosol Transmissible Disease Training
- Sexual Harassment Training
- S.O.L.A.R. Training
Training Analysis

- Cal OSHA Requirements
- Sara Title III and CFR 29 Code of Federal Regulations
- Civil Rights Act of 1964
- NFPA Recommendations for Training
- ISO Rating Schedule for Training
- Training Facility Components and Features
- Training Plan
Training Photos
Apparatus and Equipment Update
Fire Apparatus

• All four (4) brand-new fire suppression apparatus are in service:
  • Seagrave Type I Engine (2)
  • Seagrave Quint with 100-foot ladder (1)
  • HME Type VI mini-pumper (1)
• One fully equipped Ready Reserve 2020 Type I Engine
Command Vehicles

• Fire Command Vehicles are in use:
  • One 2020 Police Interceptor for the Fire Chief
  • Two 2019 Ford F350’s for the Battalion Chiefs
• Outfitted with state-of-the-art, technologically-advanced equipment
• Opticom
Support Vehicles

• One Light duty pick-up truck (Ford F150) in use

• One 15-person passenger van (Ford Transit) delivery delayed due to COVID-19
Fire Apparatus Tools and Equipment

- Over 600 individual pieces of new equipment purchased and in use, including:
  - State-of-the-art SCBAs
  - Hoses and nozzles
  - Thermal imaging cameras
  - Multipurpose tools
  - Bolt cutters
  - Axes and hand tools
  - Hydraulic cutting tools/Jaws of Life

- Spare equipment purchased to ensure additional supplies available on shelf if needed
Fire Station Improvements

- Station improvements included in FY 20-21 Capital Improvement Project (CIP)
- $360,000 in various improvements and repairs
  - New paint
  - Locker room renovations
  - Improved sleeping areas
  - Turnout extractors and cleaning equipment
  - SCBA cascade
  - New appliances
  - Station Alerting System
  - New furnishings and flooring
911-ALS - Emergency Medical Services (EMS)

Lynch EMS
A new model in Orange County 911-ALS, Lynch EMS Paramedics

- All Lynch Paramedics assigned to Placentia have significant 911 ALS experience
- Lynch Paramedics maintain higher level scope of practice
- Paramedics required to maintain CA Dept. of Justice and FBI background live scan service
- While Lynch employs over 40 Paramedics, only those demonstrating the highest of standards and core values are selected to provide service to Placentia
Lynch Paramedics: Ongoing Training

- Bi-annual retraining for advanced pediatric and cardiac life support
- Additional training in at-risk populations, hospice care and pediatrics
- Annual skills testing for competency on high risk, low frequency medical emergencies
Lynch Ambulance - Placentia’s New EMS Paramedic Provider

- Two primary medic squads and one backup have been placed into service
- Have provided surge capacity to cover overlapping calls
- Cross training of all Lynch’s other ALS units for potential response into Placentia is ongoing
- Chest Compression devices - Saved 2 Placentia residents since July 1st
- Cardiac Monitors
  - Utilizes latest in advanced cardiac monitor/defibrillator technology
Response Times
Response Times

• First Quarter data indicates that we have significantly reduced response times of Fire and EMS units
• Attributed to using ambulances and paramedics to respond to medical emergencies instead of a 55,000 pound-plus fire apparatus
• Faster dispatch times
• Opticom at major intersections
Agency Partnership
Partnership with Lynch EMS and OC Health Care Agency

- Orange County EMS Medical Director has approved the 911 emergency medical dispatch protocols
- All Lynch Paramedics working in Placentia are accredited to practice by County EMS Medical Director
- Entered into agreement for electronic integration of 911 EMS dispatch data into County of Orange’s OC-MEDS data system
- Utilization of the OC-MEDS electronic reporting system by City ensures:
  - Regulatory and patient care data privacy compliance
  - Seamless coordination of call times and demographic data into patient care reports
  - Since OC-MEDS is the County data system they will have real time oversight over patient care by both PFLSD and Lynch EMS.
Automatic and Mutual Aid Agreements

- Automatic Agreement with the City of Fullerton has been executed
- Automatic/Mutual Aid Agreement discussions with the Cities of Brea and Anaheim are ongoing
- County of Orange and Placentia entered into an Out-of-Area Service Agreement to provide fire and EMS services to the "Hamer Island"
- Recent 2-alarm commercial structure fire resulted in a total of 17 units from five different agencies responding to incident - all via direct mutual aid request
- Bypassing of Placentia on mutual/automatic aid requests by our neighbors continues and is being addressed with policymakers from surrounding communities
Mutual Aid Requests into Placentia

<table>
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<th>Month</th>
<th>2019 (OCFA)</th>
<th>2020 (City)</th>
<th>Percent Reduction</th>
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<tr>
<td>July</td>
<td>65</td>
<td>9</td>
<td>86%</td>
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<tr>
<td>August</td>
<td>69</td>
<td>14</td>
<td>80%</td>
</tr>
<tr>
<td>September</td>
<td>62</td>
<td>9</td>
<td>85%</td>
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- Data clearly shows that with an 85% reduction in mutual aid requests into the City the Placentia Model is resilient and highly efficient.
- The creation of the Placentia Fire and Life Safety Department has resulted in the capacity to handle 40% more calls than OCFA the prior year.
Public Safety Communications Personnel

- New Communications Manager position created; new manager comes with 15 years' experience in Fire, EMS, and Police dispatch with the Ontario Communications Center
- Created several new positions, including two new Supervisor positions
- In 2019, Placentia ECC handled 40,000 calls for police service, and transferred 4,000 calls for fire or EMS service to OCFA
- Staffing has increased by 33%, while calls processed for fire or EMS will increase workload by only 10%, based on OCFA data
Training, Protocols, & CAD System Training

• All Placentia Public Safety Communications Dispatchers and call-takers have been certified in CPR and have obtained Emergency Medical Dispatch (EMD) and Emergency Fire Dispatch (EFD) certifications

• EMD and EFD protocols from the Priority Dispatch system will be utilizing proven international standards for call intake and processing

• EMD protocols have been reviewed and approved by County Medical Director

• Communications staff currently utilize Mark 43 CAD System

• Placentia Public Safety Communication Center leadership will seek accreditation next year to become the first accredited emergency communications center in Orange County
Upgrades to Dispatch Equipment

- 800 MHz radio talk groups approved by Orange County Communications (OCC), Orange County Fire Chiefs Association, and Orange County Police Chiefs Association
- Needs assessment completed: new touchscreen equipment for the radio consoles and 8 new 43" monitors acquired
- Additional dispatch consoles for a 5th position budgeted for in current FY20-21
- Mark 43 CAD system integration with Fire and EMS modules complete
- Purchased station alerting system which integrates with dispatching system
- New mobile and portable radios have been programmed for operations
Community Risk Reduction
Fire Prevention Week

• October 4th - 10th was National Fire Prevention Week. The theme was "Serve up Fire Safety in the Kitchen"

• Multiple videos were posted on PFLSD social media accounts throughout the week on cooking safety, fire safety, and emergency exit plans

• Engineer Ferguson did a zoom meeting with special needs students and their teachers from George Key Elementary school on Fire Prevention Week; activities were dropped off at the school so the students could participate.

• Virtual Fire Safety Bingo was played via zoom with community members that signed up
Infant Safe Surrender Site

- The City Council has approved Placentia Fire Stations as Safe Surrender Sites.
- Safe Surrender baby kits have already been received. Policy's will be in place for the program.
- This program allows a mother or legal guardian to surrender a baby up to three days old to the fire station without any questions asked or penalties.
CPR Training Courses

• Community Risk Reduction Specialist Erica Vega has been trained as an Instructor through American Red Cross to teach and certify individuals in CPR, First Aid, and AED.

• PFLSD is looking forward to starting a CPR program to teach courses to the community.

• CPR manikins and AED training equipment will be purchased for the courses.

• All courses will be provided to City staff.
Community Engagement
Community Engagement
Upcoming Programs and Initiatives

• Develop 1-year and 2-5-year Comprehensive Department Strategic Plan
• Create and present annual report to the City Council
• Continue hiring process for part-time firefighters and reserves
• Begin Fire Department accreditation process
• Begin Communication Center accreditation process
• Insurance Services Office (ISO) rating process
Questions?