



# *AMERICAN CANYON FIRE PROTECTION DISTRICT*



## *2015 ANNUAL REPORT*

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# MISSION STATEMENT

*Our mission is to provide reliable and progressive emergency response while seeking opportunities to make a positive difference in the lives of the people and the community we serve.*

## Vision

*We will continuously improve and grow with the community as a positive, healthy and cohesive team*

## Core Values

*Mutual Respect  
Integrity  
Responsibility  
Empathy  
Kindness*

*Empowerment  
Dedication  
Adaptable  
Transparency  
Professionalism*



## AMERICAN CANYON FIRE PROTECTION DISTRICT

GLEN E WEEKS  
FIRE CHIEF

911 DONALDSON WAY, EAST  
AMERICAN CANYON, CA. 94503  
Phone 707-551-0650 Fax 707-642-0201

Blake Lawson  
Assistant Fire Chief

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March 1, 2016

Leon Garcia, Chairman  
Joan Bennett, Vice-Chair  
Mark Joseph, Boardmember  
Kenneth Leary, Boardmember  
Belia Ramos, Boardmember

Mr. Chairman and Members of the Board,

On behalf of all of the members of the American Canyon Fire Protection District, I am pleased to present you with the 2015 Annual Report.

This document reports on the American Canyon Fire Protection District activities for the calendar year from January 1, 2015 to January 1, 2016.

We responded to 1618 total incidents in the 2015 calendar year, the first full year of providing advanced life support first response. District personnel also responded to 12 major wildland fires throughout the State of California during the 2016 severe drought induced fire season.

It is a privilege to serve the community and visitors of American Canyon. Our members are committed to providing service with excellence. We feel that we do a lot with a little and will continue to be creative in continuously finding ways to improve while maintaining financial stability. The achievements presented to you in this report demonstrate our commitment to the public.

Sincerely,

Glen E. Weeks  
Fire Chief



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**2015 American Canyon Fire Protection District Personnel**



**Martha Banelos**  
*Administrative Assistant*



**Glen E. Weeks**  
*Fire Chief*



**Blake Lawson**  
*Assistant Fire Chief*



**Kameryn Ray**  
*Administrative Clerk I*



**Ron Prettyman**  
*Captain*  
*Paramedic*



**Dave Medina**  
*Captain*



**Matt Churchman**  
*Captain*  
*Paramedic*



**Jamie Bryant**  
*Captain*



**Jose Martin**  
*Captain*



**Max Etchieson**  
*Firefighter*  
*Paramedic*



**Mark Cia**  
*Firefighter*



**Kent Barnes**  
*Firefighter*  
*Paramedic*



**Kenneth Diede**  
*Firefighter*



**Frank Wells**  
*Firefighter*



**Chad Pilkington**  
*Firefighter*  
*Paramedic*



**Eric Costello**  
*Firefighter*  
*Paramedic*



**Josh Cordeiro**  
*Firefighter*  
*Paramedic*



**Carlo Teruel**  
*Firefighter*  
*Paramedic*



**Kirkland Myles**  
*Firefighter*

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## FIRE ADMINISTRATION

### ➤ Administrative Projects Completed in 2015

#### District Board Actions 2015

- Receive and file the November 24, 2014 Public Protection Summary Report prepared by the Insurance Services Office, Inc. (ISO); January 20, 2015, *Staff Report and Receive and File ISO Report*
- Mid –Year Budget Review of Fire District Finances for Fiscal Year 2014-2015 and Adopt a Resolution Approving Proposed Budget Adjustments; February 17, 2015, *Resolution 2015-01 and Staff Report*
- Tax Sharing Agreement for the Annexation of Canyon Estates; February 17, 2015, *Resolution 2015-02 and Staff Report*
- Declaring 2001 Dodge Durango surplus and approve the purchase of a replacement Staff Vehicle; March 17, 2015, *Resolution 2015-03 and Staff Report*
- Earthquake Preparedness; April 7, 2015, *Proclamation*
- 2014 Annual Report; April 7, 2015, *Receive and File 2014 Annual Report*
- Update the Fire Code to the 2013 Editions of the California Code of regulations Title 24 and Related Model Codes with Appendices and Amendments through Express Findings of Local Necessity’ Repealing Weed Abatement Ordinance 2012-01 and Approving Weed Abatement Ordinance 2015-01 of the American Canyon Fire Protection District; April 21, 2015, *Ordinance 2015-01 and Staff Report*
- CFAA Resolution Approving Portal to Portal Reimbursement and Amendments to the Assistant Chief and Fire Chief Employment Contracts; May 5, 2015, *Resolution 2015-04, Staff Report and Approval of Amendments to Employment Contracts*
- Approve an Amendment (Amendment #1) to the Cooperative Joint Powers Dispatching Services Agreement between the City of Napa and the American Canyon Fire Protection District to continue the administration and operation of centralized emergency response dispatching services; June 2, 2015, *Agreement 2013-04 (C2013 298) and Staff Report*

- Appointment of New Community Member to the Fire Service Fee Board of Review; June 2, 2015, *Staff Report and Oath of Office*
- Adopt the Preliminary Operating Budget for FY 2015-2016; June 16, 2015, *Resolution 2015-05 and Staff Report*
- Authorize the Write Off of Fire Service Fees; July 7, 2015, *Resolution 2015-06 and Staff Report*
- Adopt Fire Service Fees for Fiscal Year 2015-2016, July 7, 2015, *Resolution 2015-08 and Staff Report*
- Fire Mitigation Fee COLA Adjustment; July 7, 2015, *Resolution 2015-09 and Staff Report*
- Approve 1186 MOU; July 7, 2015, *Resolution 2015-10 and Staff Report*
- CalPERS Retiree Healthcare Fixing the Employers Contribution; Sept 29, 2016, *Resolution 2015-11 and Staff Report*
- Hold a Public Hearing and Adopt a Resolution approving the Final Operating Budget for Fiscal Year 2015-2016; September 29, 2015, *Resolution 2015-12 and Staff Report*
- Approve Replacement of a 2016 Ford F-150 Command Vehicle; September 29, 2015, *Resolution 2015-13 and Staff Report*
- Approve a Resolution Amending the Solar Plan Check Fee Established by Ordinance 2012-12; Sept. 29, 2015, *Resolution 2015-14 and Staff Report*
- Approve Amendment #2 to the Joint Powers Agreement between the District and the City of Napa FD; Sept. 29, 2015, *Agreement C2010 196 and Staff Report*
- Approve a Resolution Determining Disability for Firefighter Frank Wells; October 6, 2015; *Resolution 2015-15 and Staff Report*
- Authorize the execution and delivery of a Use Tax Sharing Agreement with the City of American Canyon; November 3, 2015, *Resolution 2015-16 and Staff Report*

## Additional Administrative Projects Completed in 2015

- ✓ Strategic Planning Process
- ✓ Attend FASIS Board Meetings
- ✓ Attend LAWCX Board Meetings

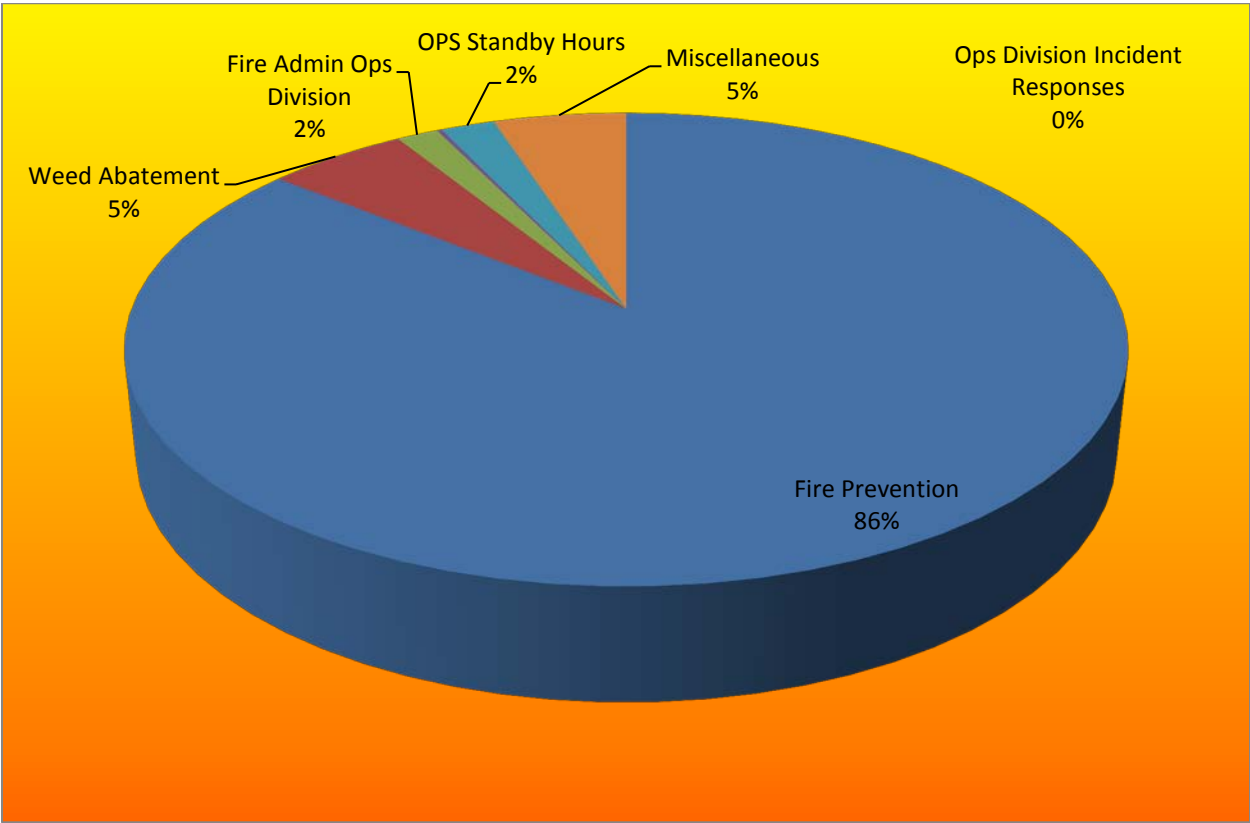


*Strategic Planning External Stakeholder Session 2016*



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# American Canyon/Napa JPA Summary 2015



<b>Fire Prevention</b>	<b>\$ 52,756.25</b>
<b>Weed Abatement</b>	<b>\$ 3,289.82</b>
<b>Fire Admin Ops Division</b>	<b>\$ 975.00</b>
<b>Ops Division Incident Responses</b>	<b>\$ 1,264.44</b>
<b>Miscellaneous</b>	<b>\$ 3,110.00</b>

**Total \$ 61,510.68**

 **Fire Department Human Resources 2015**

**Service Awards:**

**10 Years**

Firefighter Frank Wells 5/16/15

Fire Chief Glen E. Weeks 12/6/15

**25 Years**

Fire Captain Jamie Bryant 9/17/15

**Retirement**

Firefighter Frank Wells

October 6, 2015



 Firefighter of the Year 2015

**Chad Pilkington**



*Firefighter Paramedic Chad Pilkington teaching ACHS students "Hands Only" CPR*

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## FIRE OPERATIONS

### Overview

The Operations Division delivers all of the American Canyon Fire Protection District emergency response services and plays an important part in delivering many other non-emergency services. There are a total of 16 employees and up to 10 reserves assigned to this division. Currently 13 career and 4 reserve emergency response personnel are divided into three operations “shifts” (A, B and C-Shift). Each of those shifts is managed by the “Duty Chief.”

Emergency response personnel are deployed from one fire station located centrally within the Fire District. The District serves a population of approximately 19,500 people located within the approximately 8 square miles of the Fire Protection District which includes the City of American Canyon as well as an unincorporated area of Southern Napa County.

The District prides itself in offering excellent emergency response to a variety of incidents, which include; fires, medical emergencies, hazardous material releases, and specialized rescue situations. This is accomplished through the efforts of our minimum daily shift staffing of 4 career emergency response personnel (as of 02/01/08) and a maximum of 10 reserve firefighters. Shift personnel work a 48 hours on - 96 hours off schedule which is an average of a 56 hour work week. The Fire Chief and Assistant Fire Chief work a minimum 40 hour week and share duties as the on-call “Duty Chief” on a 24-7 basis.

### Current Career Staffing

#### **A Shift**

Engine 11  
Captain  
Firefighter  
Firefighter/Paramedic

Engine 211  
Captain  
Firefighter (vacant)

#### **B Shift**

Engine 11  
Captain  
Firefighter  
Firefighter/Paramedic

Engine 211  
Captain (vacant)  
Firefighter  
Firefighter

#### **C Shift**

Engine 11  
Captain  
Firefighter  
Firefighter/Paramedic

Engine 211  
Captain  
Firefighter (vacant)

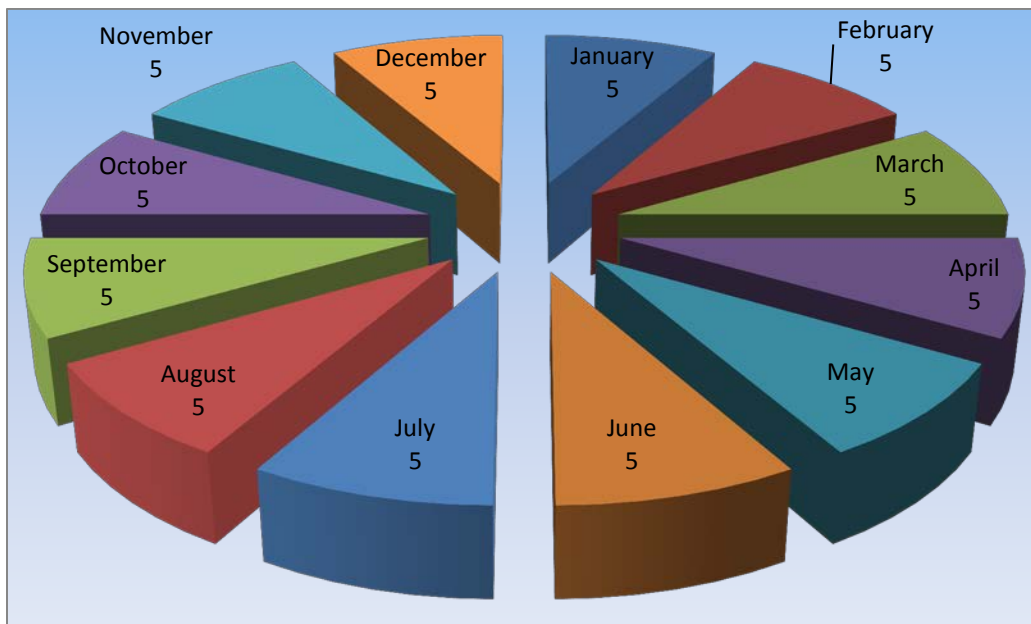




## Average Customer Service Rating

Month	Total Surveys Mailed	Total Surveys Returned	Total Avg. Rating
January	33	7	5
February	36	10	5
March	22	2	5
April	7	1	5
May	9	3	5
June	26	6	5
July	39	4	5
August	19	5	5
September	22	2	5
October	24	4	5
November	26	5	5
December	20	2	5
<b>Totals</b>	<b>283</b>	<b>51</b>	<b>5</b>

The Fire District sent out 283 Customer Service Surveys and received 51 responses. We ask the citizens to rate the quality of service, 5= Excellent, 4 =Good, 3 + Adequate, 2 = poor, and 1 + unsatisfactory. The average rating was 5.

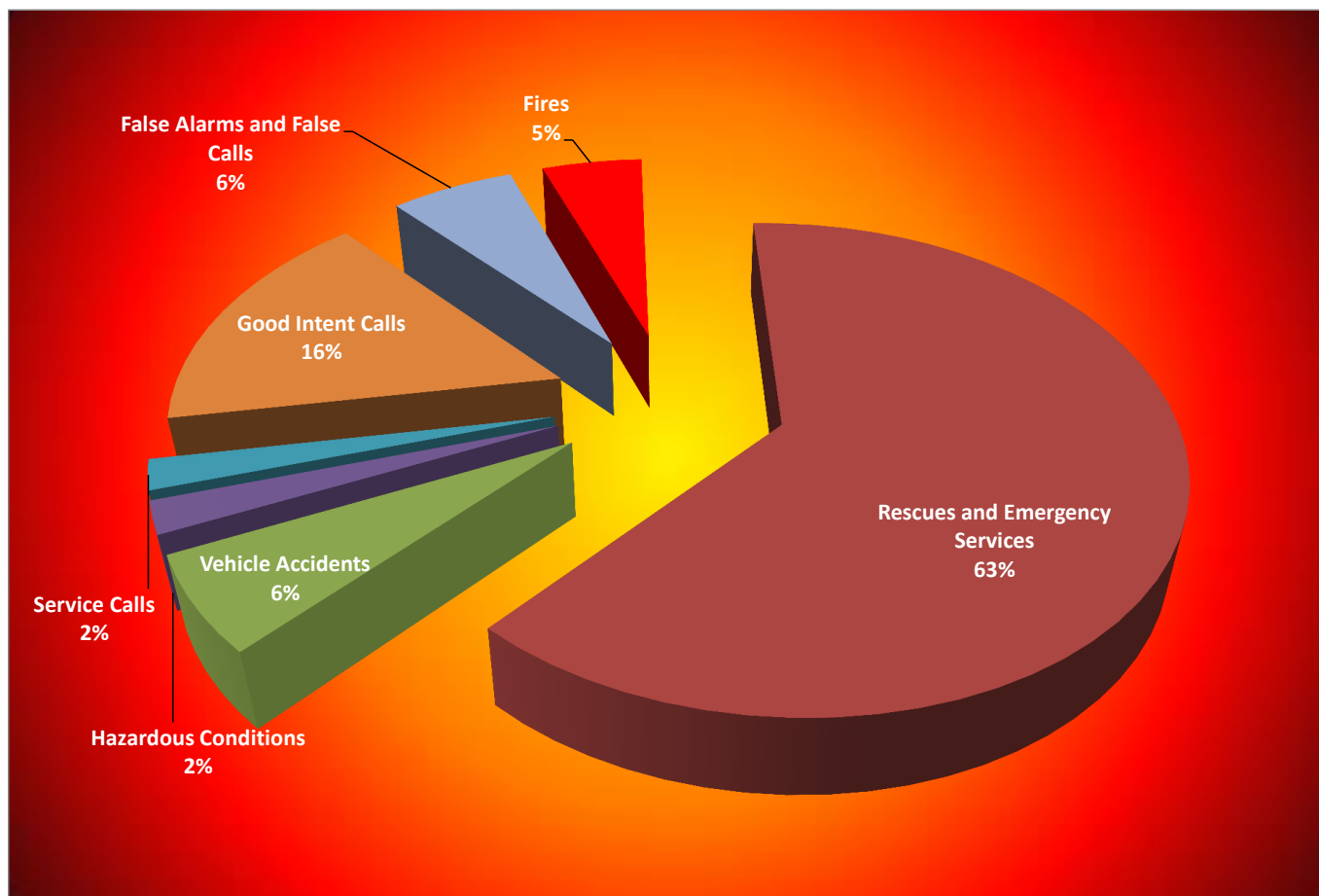




*Rescuing a Red Tail hawk from a tree 2015*

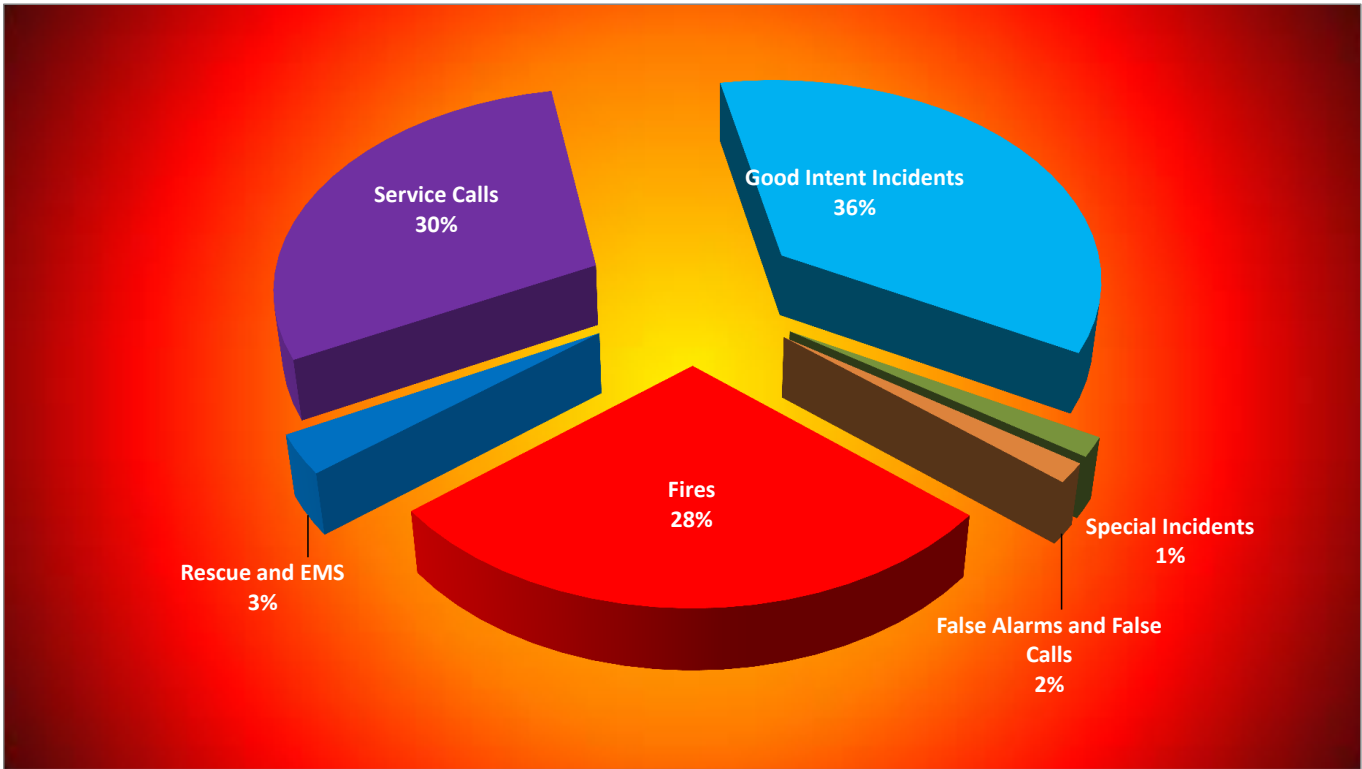


## 2015 All Emergency Incidents Responded to by American Canyon Fire Protection District



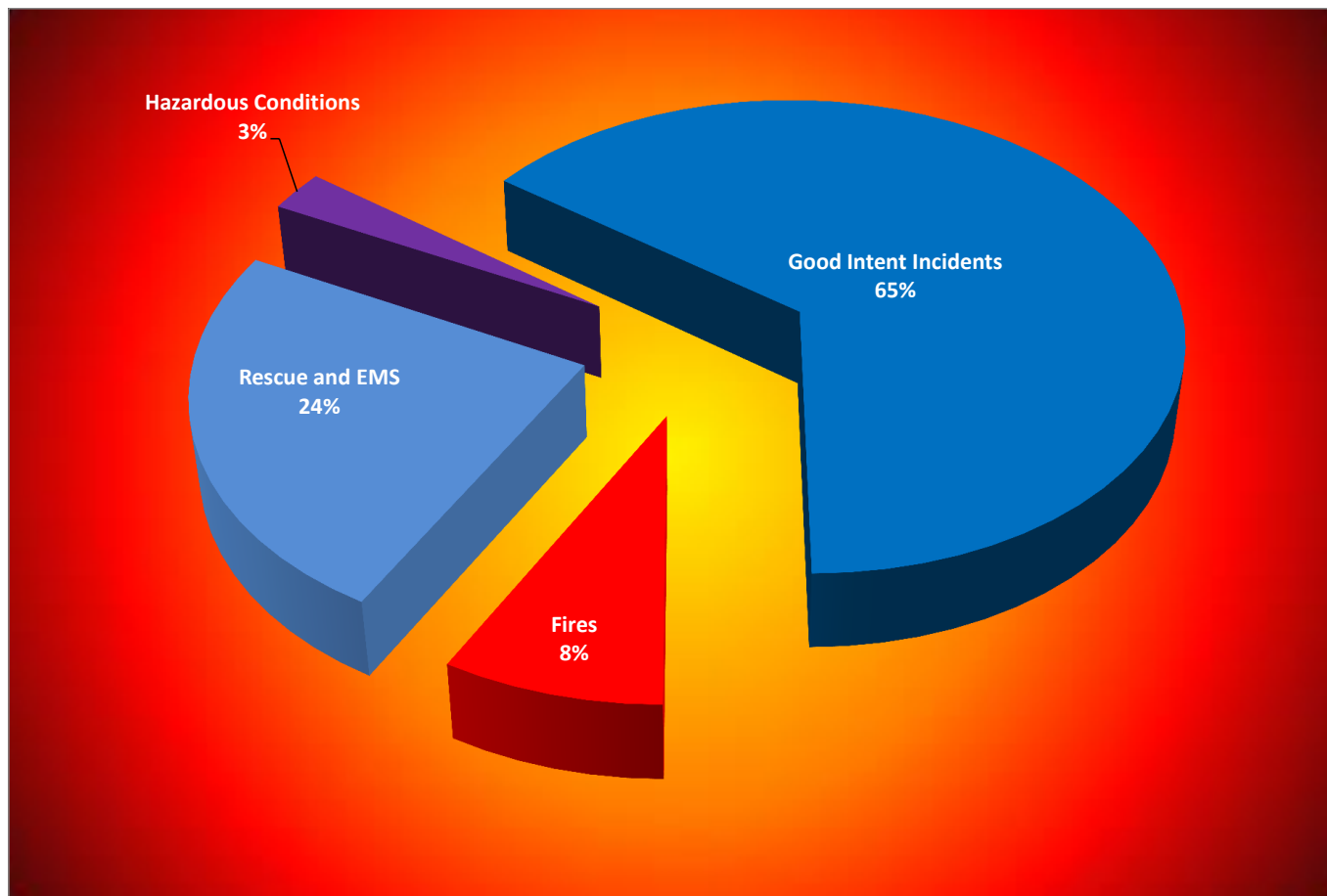
Fires	75
Rescues and Emergency Services	929
Vehicle Accidents	93
Hazardous Conditions	32
Service Calls	30
Good Intent Calls	239
False Alarms and False Calls	92
Special Incidents	1
Total Emergency Calls	1491
Nonemergency Calls	127
Total Number of Incidents	1618

## 2015 Responses to the City of Vallejo by American Canyon



Fires	18
Rescue and EMS	2
Service Calls	19
Good Intent Incidents	23
False Alarms and False Calls	1
Special Incidents	1
Total Number of Incidents	64

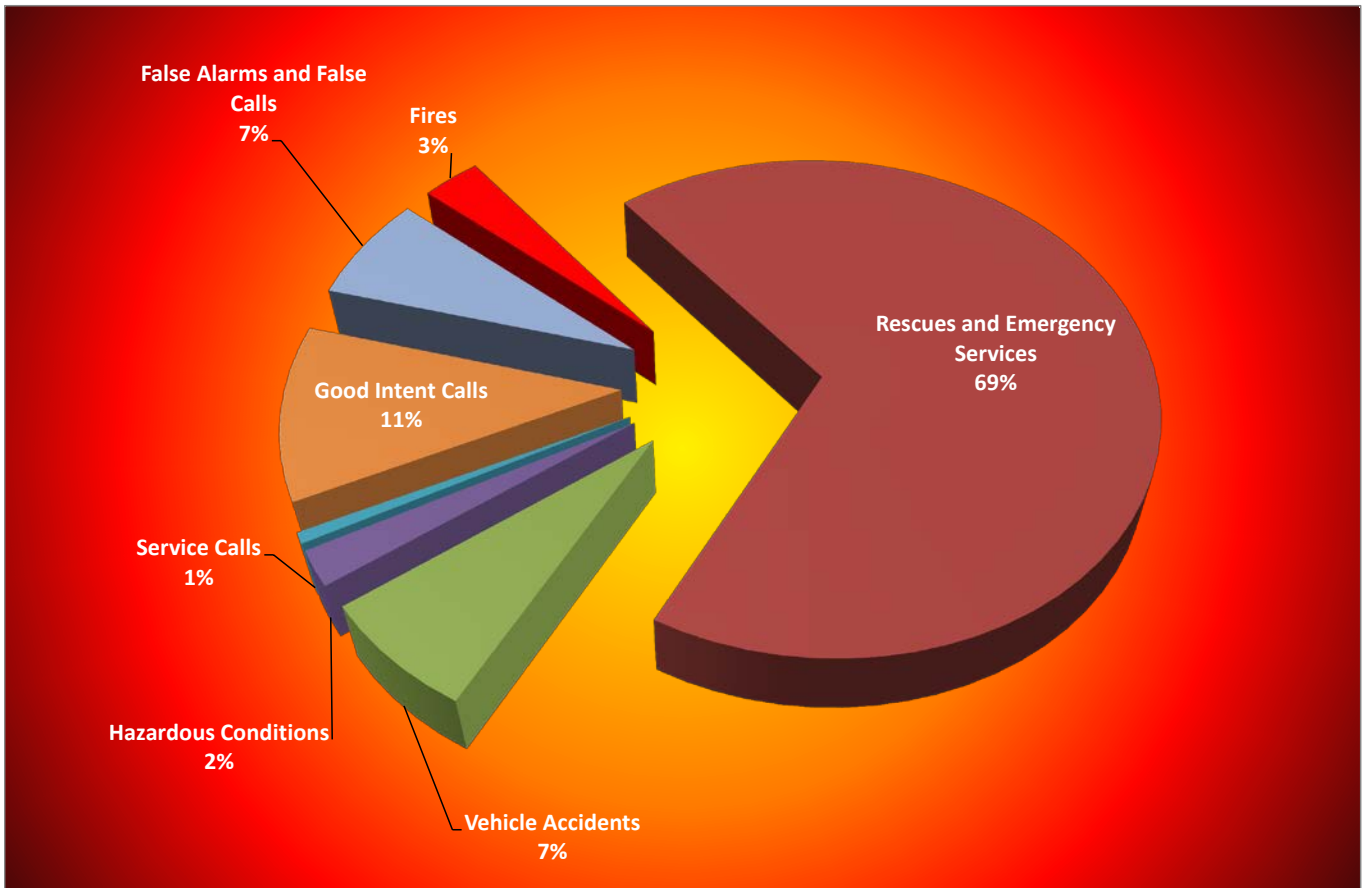
## 2015 Responses to Napa County by American Canyon



Fires	9
Rescue and EMS	27
Hazardous Conditions	3
Good Intent Incidents	72
Total Number of Incidents	111

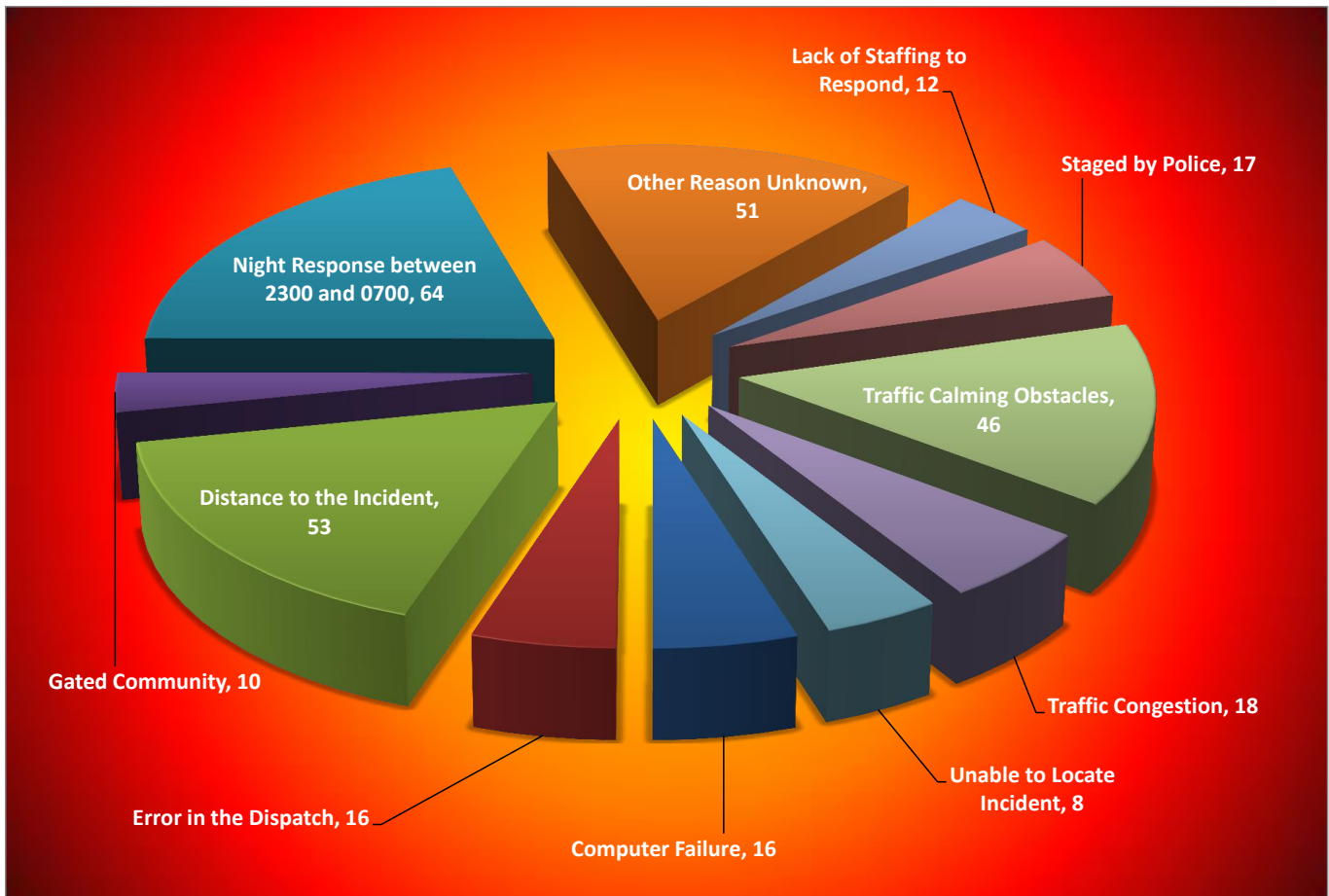


## 2015 Emergency Incidents in American Canyon Fire Protection District



Fires	42
Rescues and Emergency Services	897
Vehicle Accidents	93
Hazardous Conditions	29
Service Calls	9
Good Intent Calls	146
False Alarms and False Calls	91
Total Emergency Calls	1307
Cancelled Enroute	103
Total Emergency Responses	1204
Nonemergency Calls	127
Total Number of Incidents	1434
Staged by Police	17
Mobile Data Computer Failure	16
Number of Responses Over 5 Minutes	283
Percentage of Responses in 5 Minutes or Less	76%

## 2015 Reason for Delayed Responses

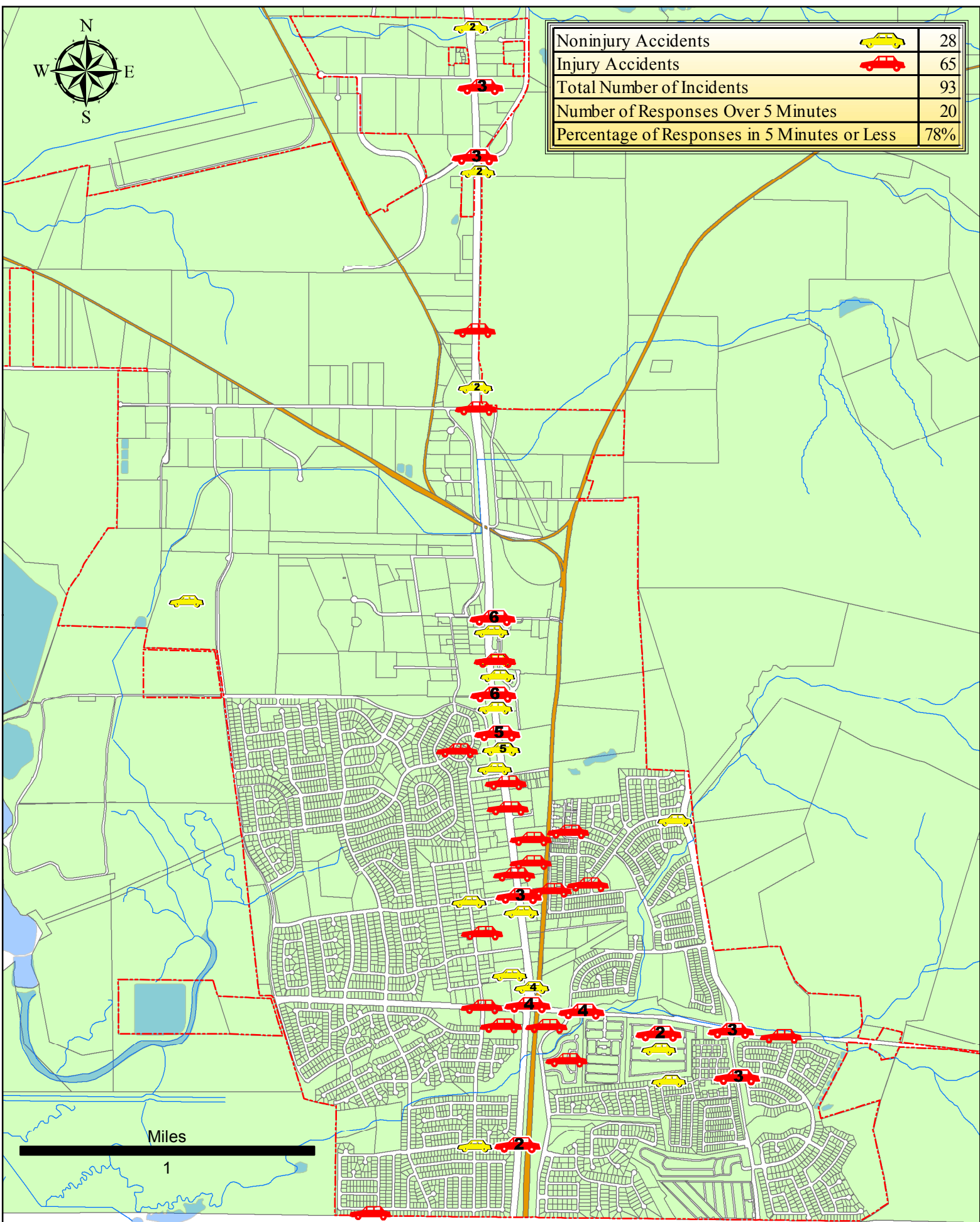


5 to 6 Minute Response	158
6 to 7 Minute Response	96
7 to 8 Minute Response	28
8 to 9 Minute Response	10
9 to 10 Minute Response	13
10 Minute or Greater Response	11
<b>Total</b>	<b>316</b>

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Noninjury Accidents		28
Injury Accidents		65
Total Number of Incidents		93
Number of Responses Over 5 Minutes		20
Percentage of Responses in 5 Minutes or Less		78%



Miles  
1

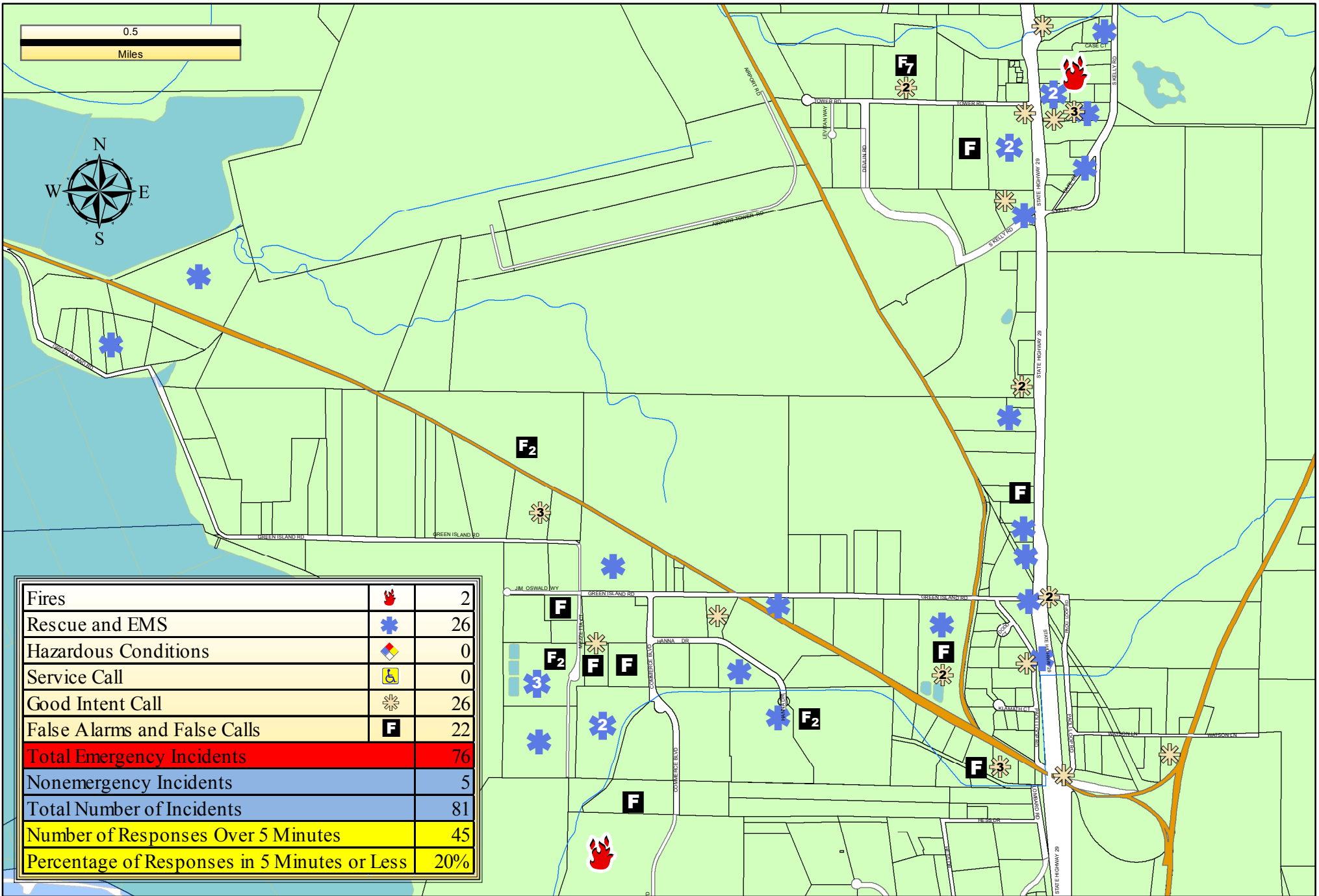


# Vehicle Accidents

*Incidents in 2015*



\*Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.



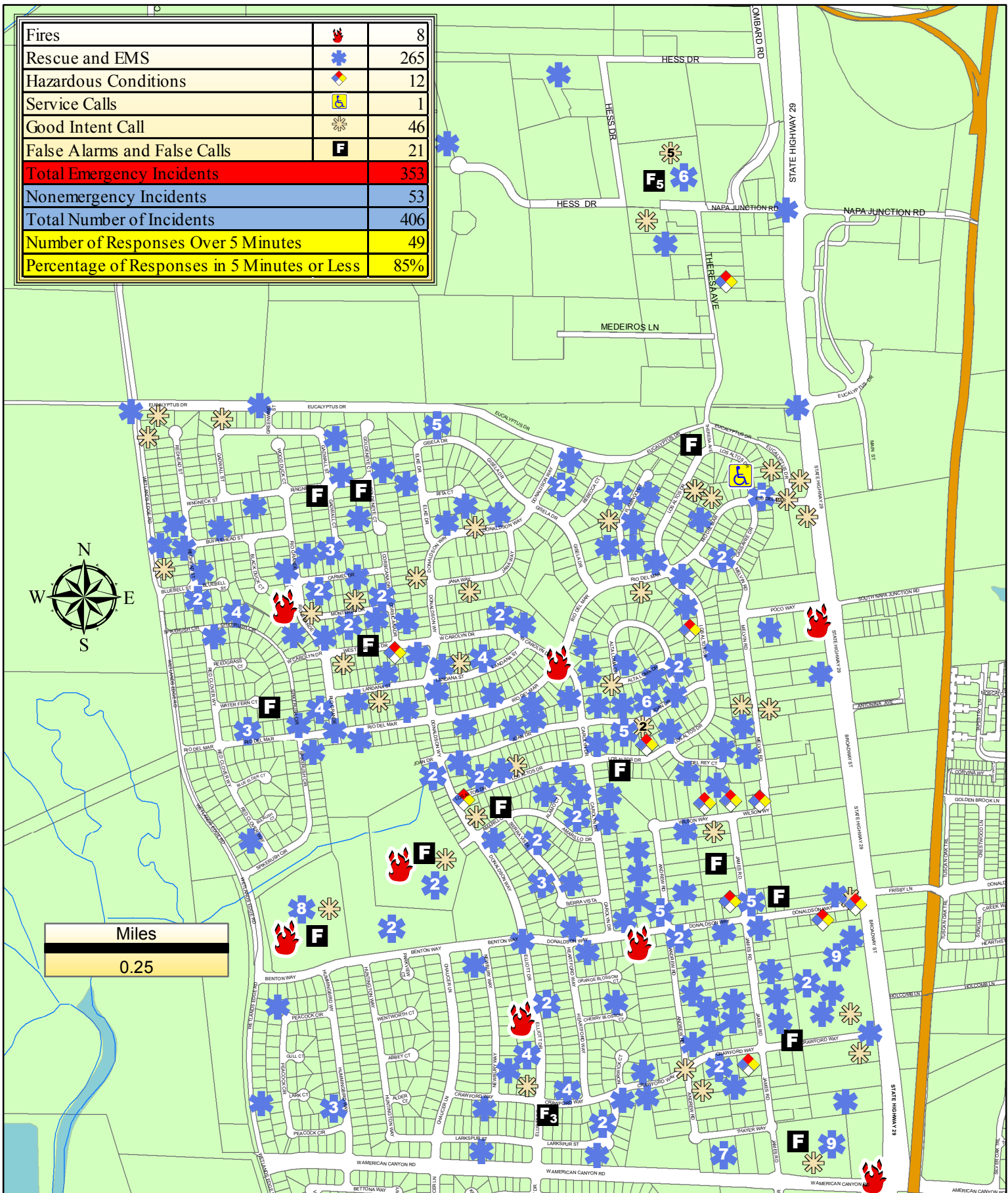
## Industrial Area

*Incident Responses in 2015*

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.



Fires		8
Rescue and EMS		265
Hazardous Conditions		12
Service Calls		1
Good Intent Call		46
False Alarms and False Calls		21
<b>Total Emergency Incidents</b>		<b>353</b>
Nonemergency Incidents		53
Total Number of Incidents		406
Number of Responses Over 5 Minutes		49
Percentage of Responses in 5 Minutes or Less		85%



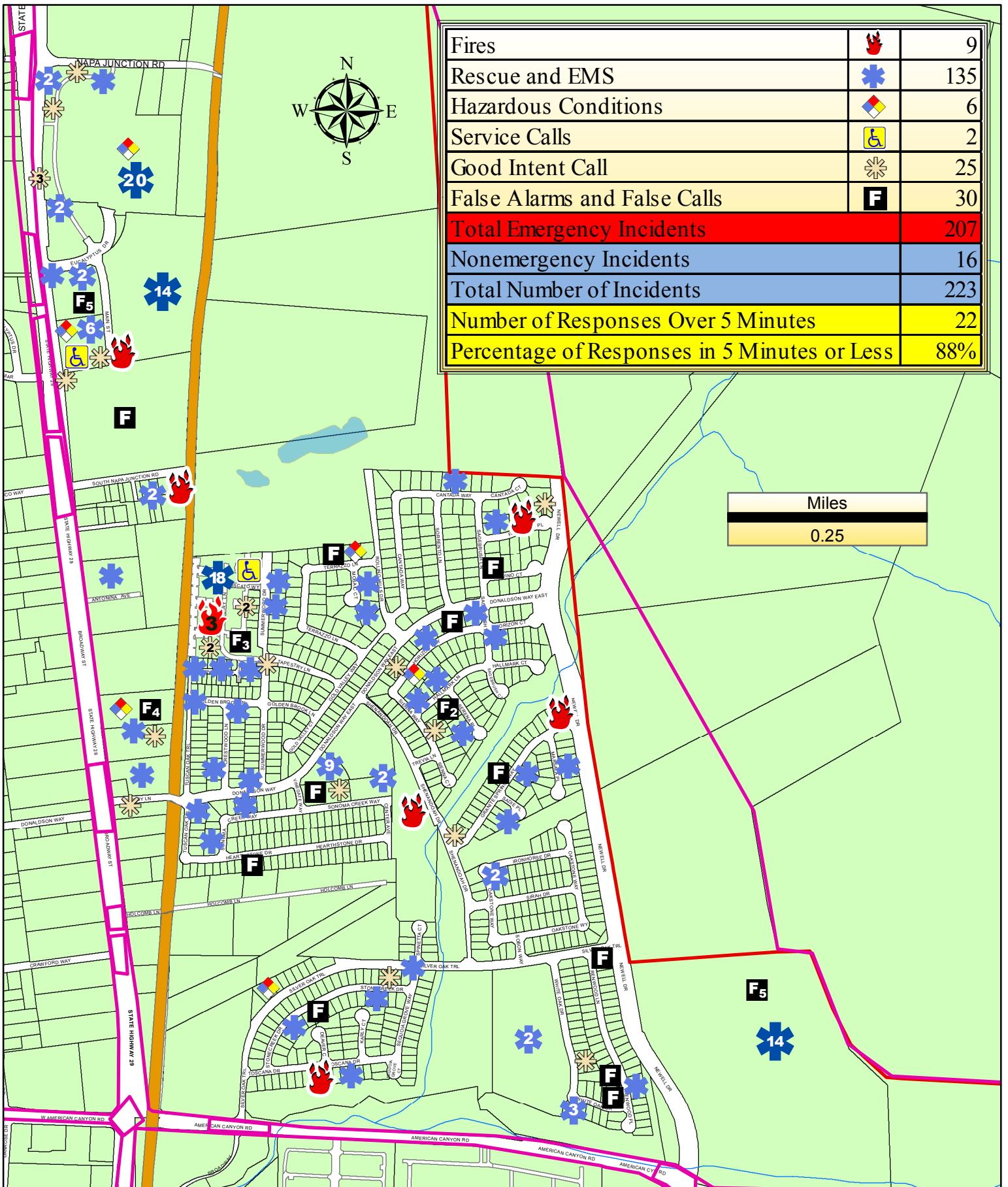
# North West Residential Neighborhood

## Incident Responses in 2015



Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.



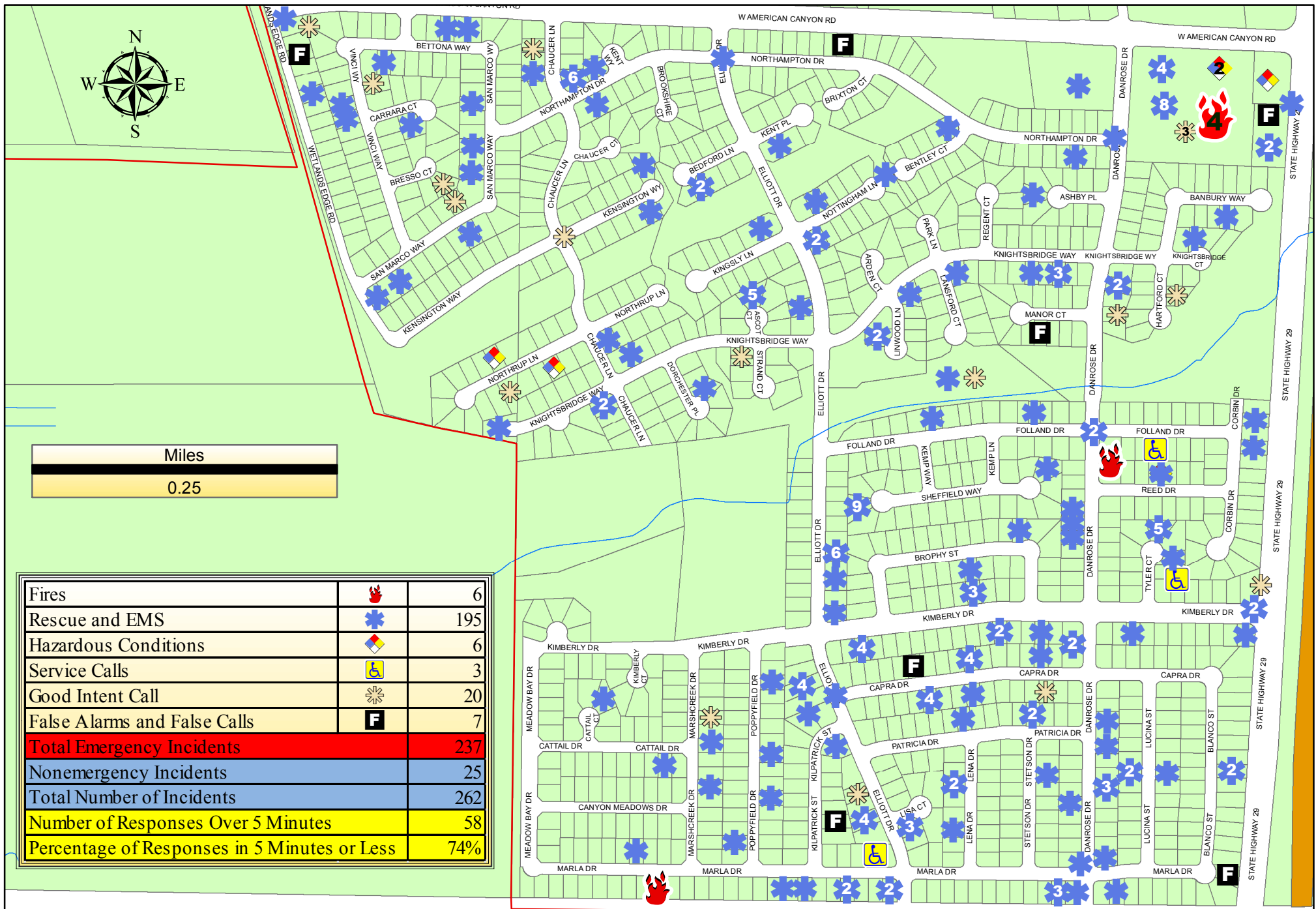


# North East Residential Neighborhood

*Incident Responses in 2015*



Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

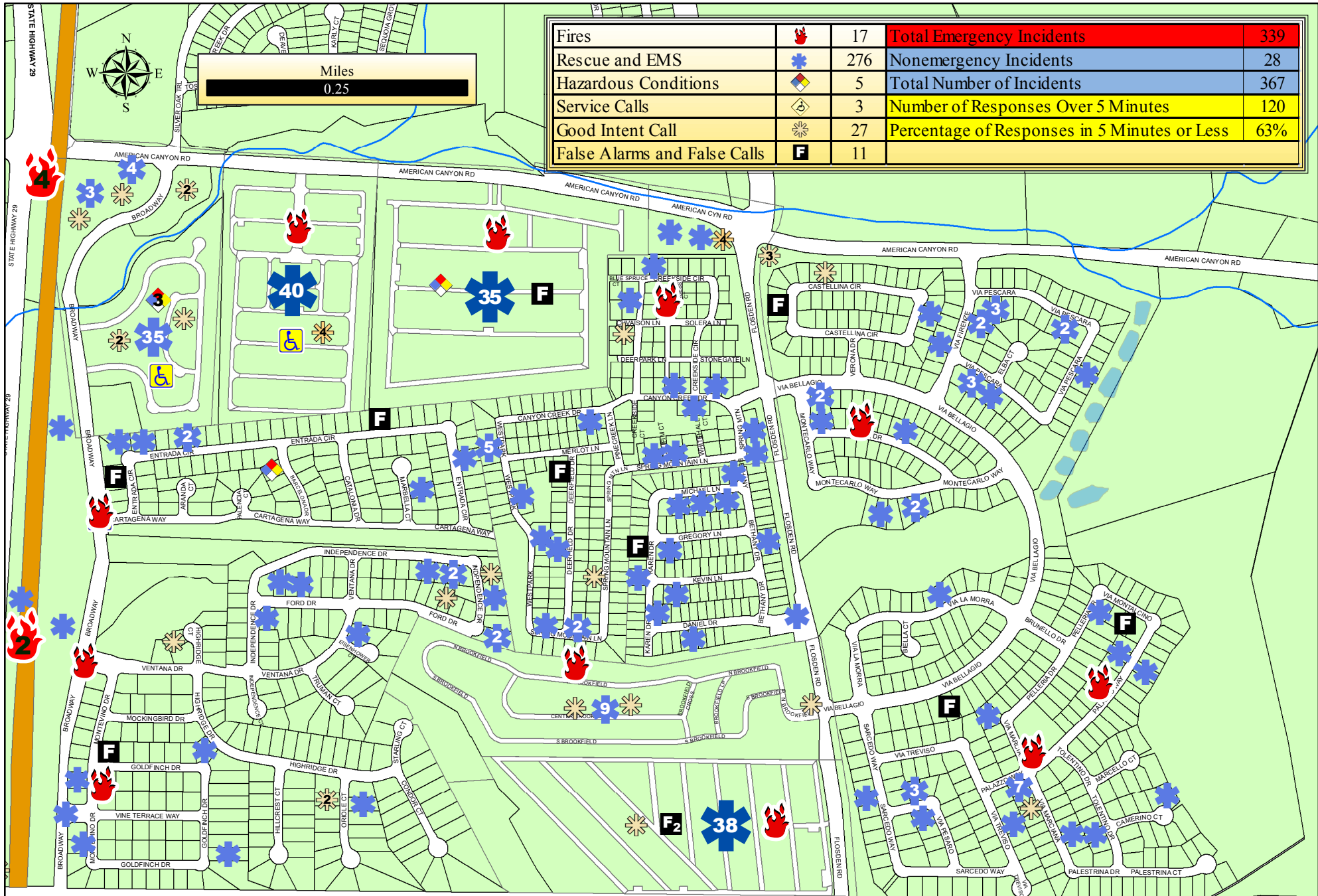


# South West Residential Neighborhood

## Incident Responses in 2015



Map icons are intended to illustrate a general district representation of incident responses but do not necessarily represent the actual location of a response or all responses.



# South East Residential Neighborhood

## Incident Responses in 2015



\*Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

## **FIRE OPERATIONS**

### **Emergency Medical Services**

The American Canyon Fire Protection District is an Advanced Life Support (“ALS”) first responder. The District staffs a minimum of one Paramedic qualified firefighter on an engine equipped with a full complement of ALS equipment, 24-7. The District currently has a total of eight (8) licensed and accredited Paramedics on staff.

The District participates in a Public/Private Agreement with the Napa County ambulance franchise holder American Medical Response (“AMR”). The District and AMR work together in order to provide the best possible patient care in the District and this partnership enhances the level of emergency medical service county-wide. Through the agreement, AMR provides:

- Medical Direction and Quality Assurance
- Additional EMS Training
- EMS Supply Re-stock
- Surge (back-up) Ambulance
- Annual Re-imbursement for ALS service (\$40,000) which provides AMR with a 25% increase in response time performance

The District:

- Actively participates in Napa County EMS stakeholders meetings to stay updated on regional EMS contractual issues
- Participates on the “EMS Advisory Committee” to support the Napa Valley College in its endeavor to provide local Emergency Medical Service Education
- Actively participates on the following Napa County EMS committees:
  - Medical Advisory Committee (“MAC”)
  - Continuous Quality Improvement Committee
  - Continuous Quality Improvement Sub Committee
  - Public Information & Education Committee (“PIE”)



**EMS Incidents - Chief Complaint**

*01/01/2015 to 12/31/2015*

Abdominal pain	45
Airway obstruction	1
Allergic reaction, excludes stings & venomous bit	8
Altered level of consciousness	100
Behavioral - mental status, psychiatric disorder	14
Burns	1
Cardiac arrest	5
Cardiac dysrhythmia	8
Chest pain	57
Diabetic symptom	16
General illness	76
Hemorrhaging/bleeding	13
None/no patient or refused treatment	33
Obvious death	3
Other impression/assessment	172
Overdose/poisoning	19
Pregnancy/OB	4
Respiratory arrest	1
Respiratory distress	92
Seizure	51
Sting/bite	3
Stroke/CVA	17
Syncope, fainting	45
Trauma	213
Unresponsive / Unconscious	27



**EMS INCIDENTS - PROCEDURES USED**

*01/01/2015 to 12/31/2015*

IV Established	63
IO Established	7
Assist Ventilation	2
Blood Glucose Check	273
Burn Case	1
Advanced Airway Established	6
Resque POD Used	8
Chest / Abdominal Thrust	1
CPR Manual	7
CPR Lucas Device	7
Defibrillation by AED	2
12 Lead EKG	174
Extrication	5
Medication Given via IV or IO	34
Medication Given via IM or SQ	2
Medication Given via PO	32
Medication Given via Other Method	27
Needle Cricothyroidotomy	0
OB Care / Delivery	0
Chest Decompression	0
Restrained Patient	2
Spinal Immobilization	28
Splint Extremities	8
Suction / Aspiration	4
CPAP	6
Number of Basic Life Support Procedures Performed	75
Number of Advanced Life Support Procedures Performed	624

## **Urban Search & Rescue (US&R)**

The District has the capability to handle different types of rescue situations requiring specialized equipment and training. The most frequent type of rescue emergency involves extricating people who are trapped in vehicles as the result of traffic accidents with hydraulic rescue tools. The District also maintains a team of personnel who are specially trained to conduct rescue activities in permit-required confined spaces, structural collapses, trench collapses, and low and high angle rescue. This is referred to as “Urban Search and Rescue” (“US&R”). The US&R team trains regularly with fire department personnel from other agencies within Napa County as a participant in the “Napa Interagency Rescue Team” (“NIRT”). The District also has two inflatable rescue boats (“IRB”) and US&R team members are boat rescue and swift/flood water rescue qualified.

### **2015 Urban Search & Rescue Training**

<b>Date</b>	<b>Topic</b>	<b>Drill Hours Possible Per Team Member</b>
<b>01/19/15</b>	<b>Lifting and Moving Heavy Objects</b>	<b>3</b>
<b>02/17/15</b>	<b>Ladder Systems</b>	<b>3</b>
<b>03/17/15</b>	<b>Confined Space Operations</b>	<b>3</b>
<b>04/14/15</b>	<b>Trench Rescue</b>	<b>9</b>
<b>05/02/15</b>	<b>Swiftwater Awareness Refresher</b>	<b>8</b>
<b>06/20/15</b>	<b>Boat Operations</b>	<b>3</b>
<b>07/15/15</b>	<b>High Angle Rope Rescue Operations</b>	<b>3</b>
<b>08/18/15</b>	<b>Confined Space</b>	<b>3</b>
<b>9/15/15</b>	<b>Shoring and Building Marking</b>	<b>3</b>
<b>10/20/15</b>	<b>Metal Cutting</b>	<b>3</b>
<b>11/17/15</b>	<b>Multi Discipline</b>	<b>3</b>
<b>12/15/15</b>	<b>US&amp;R Business/Planning Meeting</b>	<b>3</b>



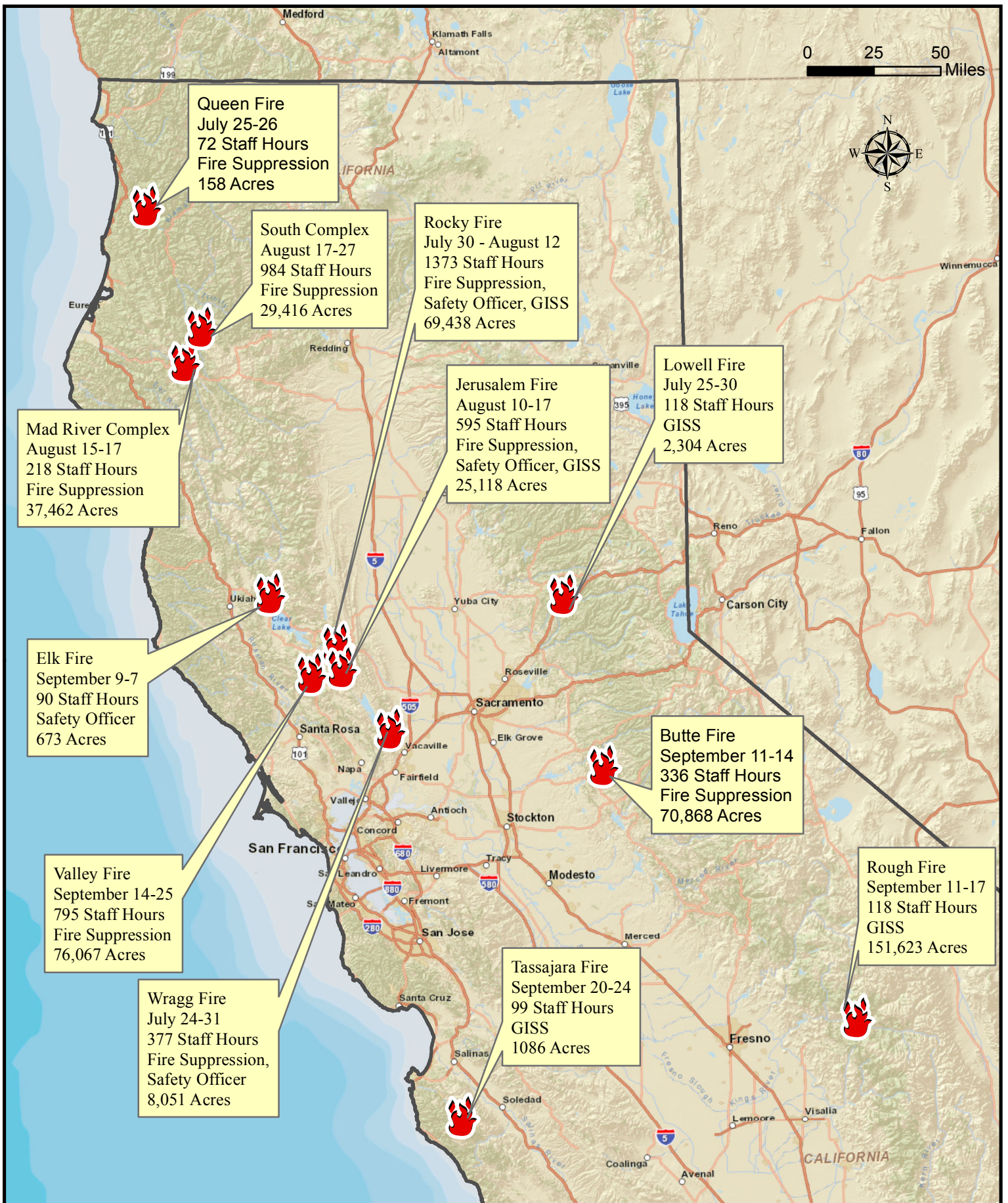
*US&R Team Member RFF Charles Mallorca holds the first place "Urban Shield" Urban Search & Rescue trophy.*

*American Canyon, Napa City & Alameda County US&R members were combined into a team and earned first place honors in the 2015 "Urban Shield" exercise.*




**Statewide Mutual Aid Strike Team Deployments 2015**

Date	Incident	Unit Assigned	Staffing
6/28/15 - 6/29/15	Jamison LNU	WT-11	2
6/28/15 -6/29/15	Jamison	WT-11	2
7/24/15-7/28/15	Wragg Overhead	SOFR (Trainee)	1
7/25/15-7/28/15	Humbolt Queen	E-411	4
7/25/15-7/30/15	Overhead Lowell (GIS)	GIS Technical Specialist	1
7/28/15-7/31/15	Humbolt Wragg	E-411	4
7/31/15-8/2/15	Rocky LNU	E-411	3
7/30/15-8/12/15	Overhead Rocky (GIS)	GIS Technical Specialist	1
8/2/15-8/7/15	Rocky Fire LNU	Brush 11	3
8/2/15-8/10/15	Overhead Rocky	SOFR	1
8/12/15-8/15/15	Jerusalem	E-411	4
8/12/15-8/17/15	Overhead Jerusalem (GIS)	GIS Technical Specialist	1
8/10/15-8/16/15	Overhead Jerusalem	SOFR	1
8/15/15-8/17/15	Mad River Complex	E-411	4
8/17/15-8/27/15	South Complex	E-411	4
8/19/15-8/20/15	South Complex Crew Swap	E-411	4
9/4/15-9/7/15	Elk Overhead	SOFR	1
9/11/15-9/14/15	Butte	E-411	3
9/11/15-9/17/15	Overhead Rough	GIS Technical Specialist	1
9/14/15-9/25/15	Valley	E-411	3
9/19/2015	Valley	Crew Swap	3
9/20/15-9/24/15	Tassajara	GIS Technical Specialist	1



# 2015 California State Mutual Aid Responses





# FIRE TRAINING

## Overview

The training function of the American Canyon Fire Protection District supports our goal of recruiting, hiring, and retaining only the best people and supporting them through the development and maintenance of their knowledge, skills, and abilities.

### **Training Division Mission**

*“To provide all American Canyon Fire Protection District personnel with professional, state-of-the-art training in all aspects of their jobs in order to maximize an efficient and effective delivery of service while focusing on maximum safety and effectiveness in emergency operations”.*

### **Training Goals**

*Compliance with State, Federal and Industry Standards and maximize:*

- *Worker Safety*
- *Performance to Recognized Standards*
- *Reduction of Liability to the American Canyon Fire protection District and its Employee’s.*
- *Meet or exceed ISO requirements for maximum points with regard to training*
- *Maintain requirements as set forth by OES for Type 1 USAR resource*
- *Train Efficiently*
- *Fulfill personnel career objectives*
- *Continuous training needs analysis and improvement*
- *Succession planning*

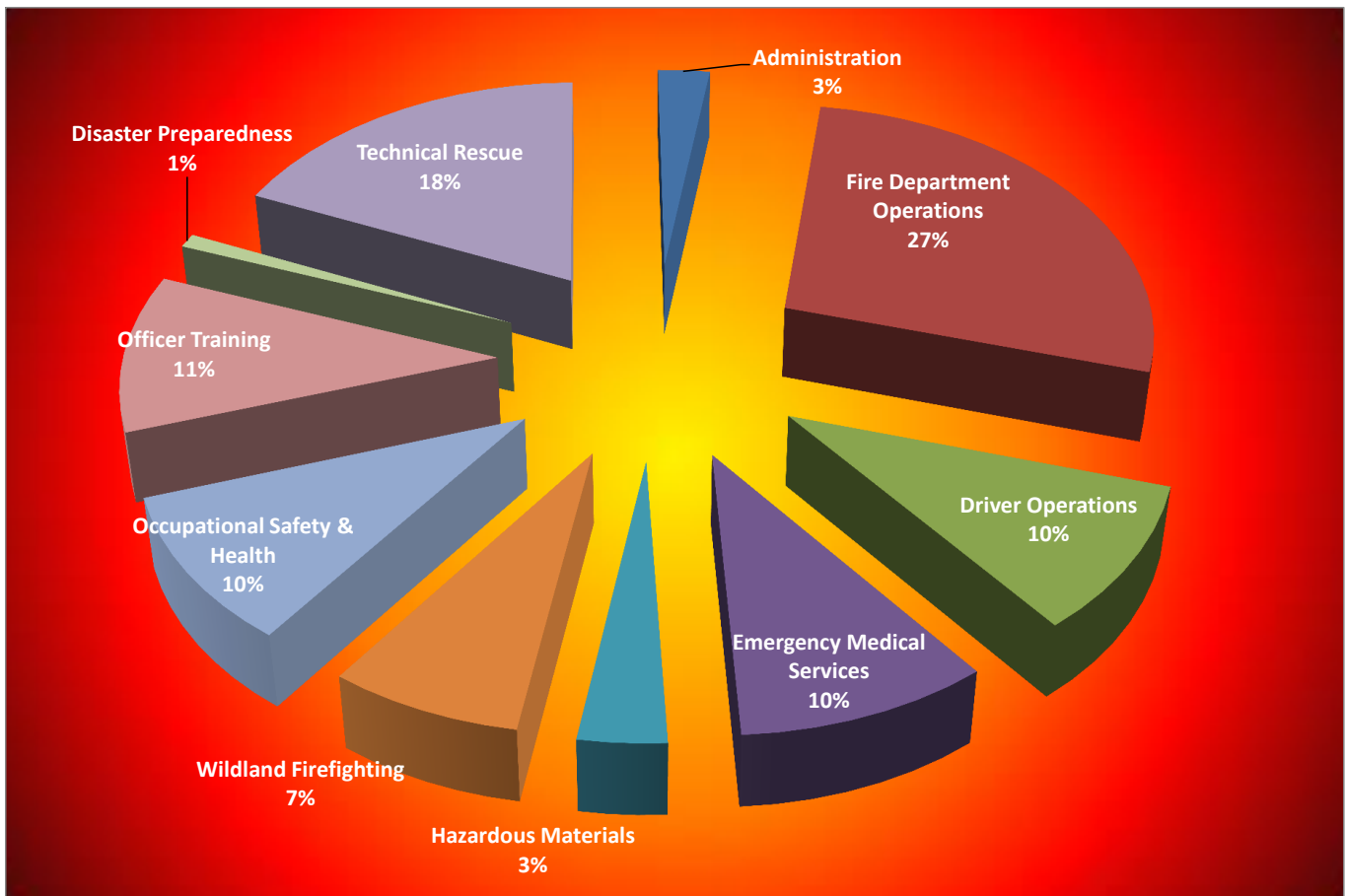
### **Training Division Values**

- *Development of ACFPD personnel by providing the following opportunities:*
  - *Career development training inside and out of the department*
  - *Input with regard to training topics*
  - *Curriculum development*
  - *Instruction of curriculum*



*Fire Operations Training 2015*

## 2015 TRAINING ACTIVITIES



<b>ACTIVITIES</b>	<b>HOURS</b>
<i>Administration</i>	<i>166</i>
<i>Fire Department Operations</i>	<i>1790</i>
<i>Driver Operations</i>	<i>653</i>
<i>Emergency Medical Services</i>	<i>633</i>
<i>Hazardous Materials</i>	<i>221</i>
<i>Wildland Firefighting</i>	<i>483</i>
<i>Occupational Safety &amp; Health</i>	<i>657</i>
<i>Officer Training</i>	<i>708</i>
<i>Disaster Preparedness</i>	<i>62</i>
<i>Technical Rescue</i>	<i>1184</i>
<b>TOTAL</b>	<b>6557</b>



## 2015 Classes Hosted by ACFPD

Course	Dates
C.E.R.T	May 5 – May 10
Citizens Academy	September 23
ACHS Hands Only CPR	October 26
Fire Extinguisher Training	July 8, 2015 and November 11, 2015



***C.E.R.T Class***



***Citizens Academy***

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# FIRE PREVENTION

## Overview

### **Service Priorities**

- Partnering with the Community while promoting Fire and Life Safety.
- Providing Public Education and awareness to reduce the fire and life safety risk.
- Utilizing well-trained inspectors to educate the public while conducting a comprehensive inspection and code enforcement program.
- Investigating the cause and origin of fires.
- Fire and Life Safety records and maintenance.

The Fire Prevention Division consists of the Fire Chief, a part-time contract Fire Inspector and Fire Company (shift) inspectors, and through the American Canyon Fire Protection District / City of Napa Joint Powers Agreement (JPA) established in 2010, the City of Napa Fire Department Fire Prevention Bureau. The bureau is lead by Division Chief Darren Drake (Fire Marshal). The Fire Marshal reports to the Fire Chief and is responsible for code enforcement, fire plans review and engineering, fire investigation, and fire and life safety education. The Prevention Division strives to provide the highest level of customer care and service. Accomplishing the mission requires delegation and teamwork throughout all levels of both organizations.

### **Code Enforcement**

Once a building is constructed, we conduct maintenance inspections to help ensure that a reasonable degree of fire safety exists. Along with the contracted Fire Inspector's, annual fire inspections are conducted by our fire suppression crews through the engine company annual business fire safety inspection program. We work in partnership with building and business owners to help us with this process.

### **Fire Plans Review and Construction**

The Fire Prevention Division of the American Canyon Fire Protection District partners with the community, the Napa Fire Prevention Bureau and City of American Canyon staff to provide building plan review services for both new and existing construction projects. Services include the review of designs and installation of automatic fire sprinkler and fire alarm systems which will be built into the structure. We also ensure public fire safety in all public buildings and multi-tenant occupancies. The Plan Review Committee (PRC) Program is responsible for ensuring these projects adhere to fire and life safety code requirements regulating the safety of people who will occupy the building or area.



## **Sprinkler Requirements**

Present-day automatic fire sprinklers have been perfected to the point that they are extremely reliable when properly maintained. Automatic sprinkler systems are recognized as the most reliable of all fire protection devices controlling or extinguishing a fire at an early stage. The design of automatic sprinkler systems is based upon the assumption that only a portion of the sprinkler heads will flow during a fire. On average, about 96 percent of all fires in sprinkled buildings are controlled or extinguished by two to four fire sprinkler heads. Contrary to most beliefs, not all fire sprinkler heads will flow at the same time. The life safety of building occupants is enhanced by the presence of a sprinkler system and the loss of property can be reduced.

## **Fire Investigation**

This program is overseen by the Fire Chief and our Police Department who also assists in this process. We work very closely with the Police Department on fires suspected to be arson.

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### **2015 Inspection Activity**

Engine Company Inspections	51
Bureau Inspections	148
New Commercial Inspections	111
Plan Check	248



## 2015 Public Education Events

### January

- Family Station Tour
- Family Station Tour
- Station Tour – Boy Scouts
- Napa County CERT Class at Napa Valley College

### February

- Station Tour – Canyon Oaks Elementary
- Station Tour – Canyon Oaks Elementary
- Ride Along – American Canyon High School Student
- Napa County Firefighter's Appreciation Dinner

### March

- Family Station Tour
- American Canyon High School Choir – Taste of the Islands
- Station Tour – Childstar Preschool
- Station Tour – Childstar Preschool
- SAFE Presentation at Donaldson Way Elementary

### April

- Spring Egg Hunt at Community Park II
- SAFE Presentation at Canyon Oaks Elementary
- American Canyon Little League Parade at City Hall
- SAFE Presentation at Donaldson Way Elementary
- Career Day at American Canyon High School
- Earthquake Preparedness Event

### May

- Cinco De Mayo Festivities – American Canyon Family Resource Center
- CERT Training
- Junior Government Day at American Canyon High School
- Canyon Oaks Annual Spring Arts Festival
- Hands Only CPR at American Canyon High School
- SAFE Presentation at Napa Junction Elementary
- World CPR Day at Safeway
- Station Tours – Canyon Oaks Elementary 2<sup>nd</sup> Graders
- D.A.R.E. Graduation

## June

- Station Tour for American Canyon Family Resource Center
- Ride Along
- Smoke Detector Installation at 244 American Canyon Road
- Relay for Life Spaghetti Feed Fundraiser
- Fire Extinguisher Training at Boral Stone
- Relay for Life

## July

- Pancake Breakfast, Parade, Flag Raising, and Fireworks for 4<sup>th</sup> of July
- Ride on the Fire Engine
- Ride Along
- Police Cadet Training at American Canyon High School
- Water Carnival at Philip West Pool

## August

- Family Station Tour
- National Night Out
- Fire Safety Discussion at Noah's Arc Preschool
- Health Expo at American Canyon High School
- Napa Junction Elementary: Healthy Make Over Challenge

## September

- 9/11 Memorial Ceremony
- American Canyon High School Football Team: First Responders Night
- AYSO Parade
- Car Seat Static Display at Walmart
- Canyon Oaks Elementary Ride on the Fire Engine
- Red Cross Smoke Detector Installation at Napa Olympia Mobile Home Park
- Citizen's Academy

## October

- Family Station Tour
- Open House
- Helping Hand: Indo American Multicultural Event
- Station Tour for Napa Junction Elementary
- Station Tour for Napa County Dispatchers
- Hands Only CPR at American Canyon High School
- Harvest Festival at Donaldson Way Elementary

## November

- Veteran's Day Ceremony
- Model Fire Station Discussion at Napa Junction Elementary
- Family Station Tour
- Fire Extinguisher Training at Boral Stone Products

## December

- Tree Lighting Ceremony at Senior Center
- Station Tour for Mom's Club
- Reindeer Run
- Santa Sleigh at Safeway
- Fire Prevention Interview for American Canyon High School Students
- Santa Sleigh at Walmart
- Kiwanis Season of Giving at the Community Center
- CPR/AED Training at Napa Valley Casino
- Ride Along





## 2015 PUBLIC EDUCATION



*S.A.F.E. School Fire Prevention Education*



*Open House Disaster Preparedness Education*

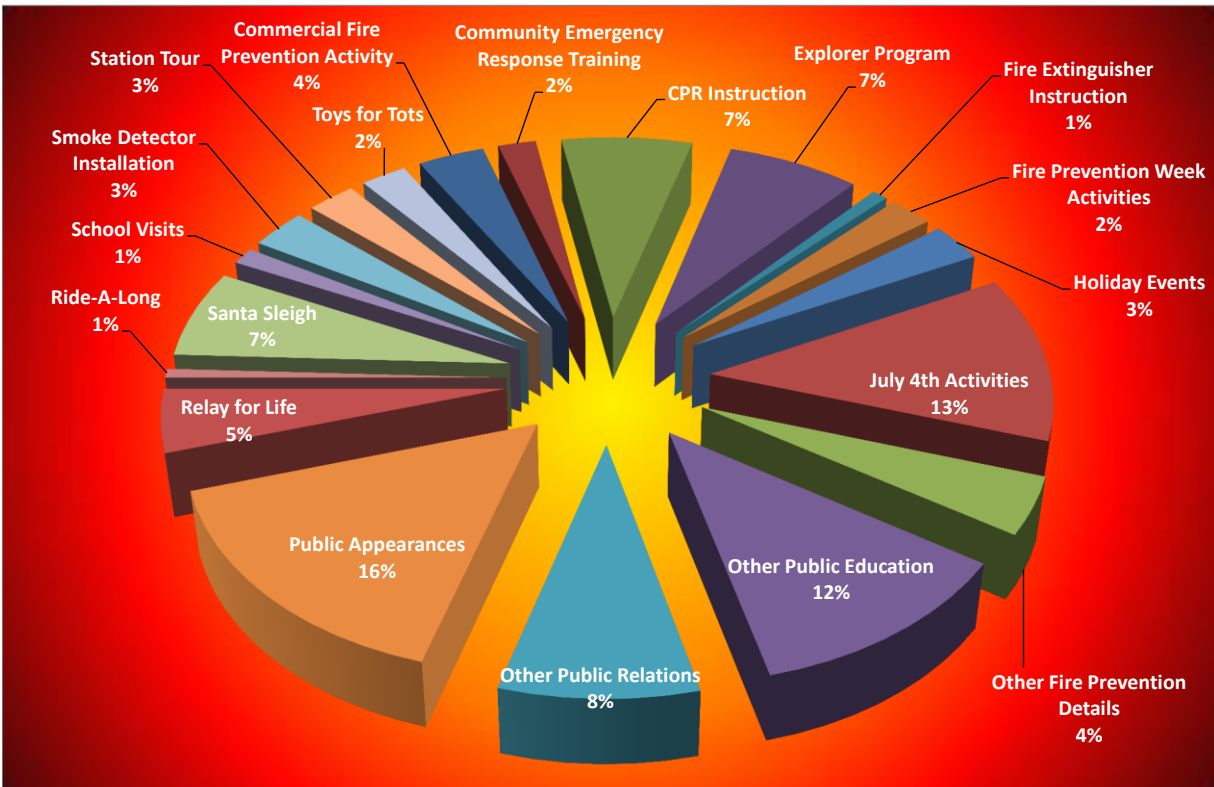


*Open House Fire Prevention Week*



*Fourth of July Parade*

## 2015 Public Education Events



<i>ACTIVITIES</i>	<i>HOURS</i>
<i>Commercial Fire Prevention Activity</i>	42
<i>Community Emergency Response Training</i>	24
<i>CPR Instruction</i>	83
<i>Explorer Program</i>	84
<i>Fire Extinguisher Instruction</i>	10
<i>Fire Prevention Week Activities</i>	28
<i>Holiday Events</i>	34
<i>July 4th Activities</i>	148
<i>Other Fire Prevention Details</i>	51
<i>Other Public Education</i>	140
<i>Other Public Relations</i>	98
<i>Public Appearances</i>	187
<i>Relay for Life</i>	56
<i>Ride-A-Long</i>	8
<i>Santa Sleigh</i>	78
<i>School Visits</i>	15
<i>Smoke Detector Installation</i>	36
<i>Station Tour</i>	31
<i>Toys for Tots</i>	29
<b>TOTAL</b>	<b>1182</b>



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 **Apparatus Testing, Maintenance & Repair**

## 2015 Apparatus Maintenance and Repair Summary

<b>Surge Medic 11</b>	<b>2008 Ambulance</b>	
11/11/2015	Remove decals, polish panels, new logos and stripe tape	\$ 1,536.84
	<b>Total</b>	<b>\$ 1,536.84</b>

<b>Brush 11</b>	<b>1994 Dodge 3500 Type 6</b>	
1/20/2015	Annual Inspection	\$ 85.00
8/1/2015	Brake Master Cylinder	\$ 85.70
8/13/2015	Car Seat Covers	\$ 176.94
8/19/2015	Install new brake pads and rotors	\$ 852.16
8/28/2015	Reflective vinyl graphics	\$ 118.00
9/18/2015	Solenoid	\$ 16.19
10/5/2015	Gearbox gasket, seal, ret ring, pull cord handle, oil seal	\$ 990.54
10/24/2015	Air Filter	\$ 15.20
11/3/2015	Smog Test	\$ 45.00
12/3/2015	Oil, air, fuel filters	\$ 93.92
	<b>Total</b>	<b>\$ 2,478.65</b>

<b>Engine 11</b>	<b>2013 Spartan Type 1</b>	
1/19/2015	Replacement Headlights	\$ 126.77
1/20/2015	Fuel Filter	\$ 68.51
1/20/2015	Air Filter	\$ 99.38
1/27/2015	DSL EXH Fluid	\$ 51.80
2/3/2015	Annual Inspection	\$ 750.00
3/19/2015	Misc Repairs (window regulator, crankcase, tank level guage)	\$ 2,684.15
4/16/2015	Storz lever lock repair kit	\$ 52.10
5/28/2015	DSL EXH Fluid	\$ 51.80
9/8/2015	Tires, Mount/dismount, disposal fee	\$ 2,345.40
10/02/2015	Replace Intercom Control Box	\$ 1,030.34
12/11/2015	Gas shock w/lock, ball socket, and ball stud	\$ 117.68
12/30/2015	RF PWR window regulator	\$ 281.96
	<b>Total</b>	<b>\$ 7,659.89</b>

<b>Engine 211</b>	<b>2004 American La France Type 1</b>	
1/3/2015	Misc Parts	\$ 54.58
3/5/2015	Annual Inspection	\$ 475.00
3/30/2015	Bulb	\$ 10.70
5/20/2015	Battery	\$ 499.13
6/16/2015	Chock Handle	\$ 76.24
6/24/2015	Dog House Cover (Engine Cowling Replacement)	\$ 5,573.23
10/19/2015	ALF Solenoid	\$ 193.02
10/29/2015	Wet/Dry 1000GR and fog lamp	\$ 33.27
11/3/2015	Smog Test	\$ 45.00
12/2/2015	Right cab door handle	\$ 142.57
	<b>Total</b>	<b>\$ 7,102.74</b>

<b>Engine 311</b>	<b>1996 HME 1871 Series Type 1</b>	
2/21/2015	Annual Inspection	\$ 262.00
11/3/2015	Smog Test	\$ 45.00
	<b>Total</b>	<b>\$ 307.00</b>

<b>Engine 411</b>	<b>1999 International Type 3</b>	
1/21/2015	Annual Inspection	\$ 857.88
1/23/2015	AC Repair	\$ 679.11
8/11/2015	Switch, A/C Thermostat	\$ 363.14
8/24/2015	Fuel Pump kit, Sleeve & Pressure Regulator	\$ 2,553.06
9/26/2015	Lightbulbs	\$ 4.85
11/3/2015	Smog Test	\$ 45.00
11/24/2015	Communication Equip Repair	\$ 113.52
	<b>Total</b>	<b>\$ 4,616.56</b>

<b>Rescue 11</b>	<b>1992 International</b>	
1/20/2015	Annual Inspection	\$ 127.50
2/9/2015	Tires	\$ 2,897.70
2/17/2015	Coolant Surge Tank, Flush and Repair	\$ 99.00
3/30/2015	New Surge Tank	\$ 187.40
3/30/2015	Radiator Cap	\$ 5.70
7/28/2015	Pro-series Swivel	\$ 92.99
11/3/2015	Smog Test	\$ 45.00
11/25/2015	Light head (Light Tower Repair)	\$ 279.86
	<b>Total</b>	<b>\$ 3,735.15</b>

<b>Truck 11</b>	<b>2005 American La France 75' Aerial Quint</b>	
2/2/2015	Wheel Alignment	\$ 575.00
2/6/2015	Wheel Switches	\$ 110.00
2/13/2015	Spark Plugs	\$ 39.81
2/19/2015	Annual Inspection	\$ 127.50
3/30/2015	Halogen Lamp Bulb	\$ 55.06
5/15/2015	Tires	\$ 1,491.00
6/1/2015	Tires	\$ 2,408.60
11/3/2015	Smog Test	\$ 45.00
11/24/2015	Misc Repairs	\$ 165.00
	<b>Total</b>	<b>\$ 5,016.97</b>

<b>Water Tender 11</b>	<b>International Water Tender</b>	
1/20/2015	Annual Inspection	\$ 127.50
2/25/2015	Install Digital Intercom System	\$ 2,157.15
4/14/2015	Screens	\$ 22.90
6/27/2015	Crimping Tool, RJ-22 Connectors and Wire	\$ 28.62
	<b>Total</b>	<b>\$ 3,366.51</b>

<b>Utility 11</b>	<b>2001 Ford F-250</b>	
2/13/2015	Wiper blades	\$ 39.81
4/15/2015	Engine Service/ Replace Fuel Filter	\$ 332.46
7/20/2015	Seat Covers	\$ 215.99
9/6/2015	Alternator	\$ 208.00
9/6/2015	15w-40 oil and antifreeze	\$ 27.19
10/30/2015	Smog Inspection	\$ 50.00
12/3/2015	Oil, air, and fuel filter	\$ 122.01
	<b>Total</b>	<b>\$ 995.46</b>

<b>Chief 1100</b>	<b>2011 Ford F-150</b>	
3/18/2015	Oil + Service	\$ 347.86
4/16/2015	Oil + Service/ Rotate Tires	\$ 346.31
12/3/2015	Oil and air filter	\$ 75.17
	<b>Total</b>	<b>\$ 769.34</b>

<b>Chief 1101</b>	<b>2007 Ford F-150</b>	
8/24/2015	Replace Tires	\$ 910.55
9/30/2015	Air Filter	\$ 16.48
11/5/2015	Replace Battery	\$ 193.31
12/1/2015	Smog inspection	\$ 50.10
	<b>Total</b>	<b>\$ 1,170.44</b>

<b>Zodiac Boat</b>	<b>MK II Futura Series IRB</b>	
6/17/2015	Repair hole on bow	\$ 1,490.13
7/12/2015	Fuel Line and Hose Clamps	\$ 20.82
7/17/2015	Prop Guard	\$ 145.99
	<b>Total</b>	<b>\$ 1,656.94</b>

<b>Fork Lift</b>		
5/20/2015	Replace Tires	\$ 2,489.66
	<b>Total</b>	<b>\$ 2,489.66</b>

	<b>Equipment</b>	
1/21/2015	Multi Purpose Guage (R11 Air Bags)	\$ 33.21
2/21/2015	STIHL Chainsaw - Repair Throttle and Chain Adjuster	\$ 59.31
2/25/2015	Hagemeyer Flow test SCBA maintenance	\$ 775.00
2/25/2015	Cylinder Hydrotest (breathing air cylinder)	\$ 295.22
3/4/2015	Hagemeyer Flow test SCBA maintenance	\$ 175.00
3/17/2015	Impact Cartridge (Gas meters)	\$ 626.10
3/17/2015	STIHL-chainsaw (replaced flywheel)	\$ 159.48
4/1/2015	STIHL-chainsaw (chain replace)	\$ 32.22
4/2/2015	Best Fire Equipment – All Extinguisher Maintenance	\$ 531.16
4/3/2015	Radio Repair for Icom F50 inop	\$ 111.08
5/12/2015	MSA Assembly Harness Head Speed	\$ 117.27
6/27/2015	BK Radio Parts & Repair (WT11)	\$ 745.45
6/29/2015	Supplies to fix boat trailer equipment rack & Roll	\$ 61.07
7/30/2015	MPD Rope System (Add to R11)	\$ 632.06
9/4/2015	Hurst Service Repair	\$ 510.00
9/2/2015	1.5 X100" Hose	\$ 997.92
9/28/2015	Stil – Chainloop chainsaw repair	\$ 697.86
9/30/2015	Dual head conversion kit,	\$ 813.60
10/13/2015	Radio repair	\$ 174.86
10/15/2015	MSA UE Mask Universal HUD	\$ 788.40
12/4/2015	Steel Hose w/180 fitting	\$ 38.78
12/15/2015	NBC battery charger	\$ 258.12
	<b>Total</b>	<b>\$ 8633.17</b>

<b>Staff Vehicle</b>	<b>Hyundai Tucson</b>	
9/28/2015	Windshield wiper arm and blade	\$ 41.45
	<b>Total</b>	<b>\$ 41.45</b>
	<b>Grand Total</b>	<b>\$ 51,576.77</b>

 2015 Facilities Maintenance Summary

911 Donaldson Way

Date	Company	Item	Amount	Remarks
1/1/2015	Tri-Signal	Central Station Monitoring	\$ 60.00	50/50 Bill total \$120.00
1/12/2015	Fitguard	Preventative Maintenance Gym Equipment	\$ 159.00	
2/6/2015	Access Systems	Install Velocity Upgrade	\$ 7,513.50	50/50 Bill Total \$15,027
2/17/2015	Peterson Mechanical	Quarterly Maintenance	\$ 420.00	
2/18/2015	Amazon	Concept 2 Model D Indoor Rowing Machine	\$ 1,020.60	
2/27/2015	R & S Erection of Vallejo	Straightened bearing, re-attached cables	\$ 720.00	
3/3/2015	Fitguard	Treadmill	\$ 1,011.72	
3/4/2015	R & S Erection of Vallejo	Damaged CMU block wall	\$ 585.00	
3/8/2015	Home Depot	Garbage Disposals	\$ 164.01	
3/20/2015	Service Master	Vacuum, Shampoo Carpet, Tile Grout Cleaning	\$ 695.10	
3/25/2015	Fitguard	Belt Drive	\$ 70.20	
3/31/2015	Emergency Power Systems	Annual Resistive Load Test	\$ 1,275.00	
4/1/2015	Tri-Signal	Quarterly Maintenance	\$ 60.00	50/50 Bill total \$120.00
4/27/2015	Fitguard	Preventative Maintenance Gym Equipment	\$ 145.00	
5/7/2015	Air Exchange	Semi Annual Service Inspection of the Plymovent Vehicle Exhaust System	\$ 1,163.60	
6/5/2015	R & S Erection of Vallejo	Reattached brake cylinder and balanced door	\$ 195.00	



6/16/2015	R & S Erection of Vallejo	Shortened chain and reset limits	\$ 325.00	
6/28/2015	Emergency Power Systems	Annual PM Service to 150KW Genset	\$ 1,525.00	50/50 Bill Total \$3,050
7/17/2015	Costco	16 Ergonomic Office Chairs	\$ 2,807.99	
8/12/2015	Fitguard	Treadmill - Cord	\$ 48.60	
8/31/2015	McMaster-Carr	Station App Charger	\$ 42.10	
9/8/2015	Tri-Signal	Service Call - Communication Panel	\$ 187.50	50/50 Bill \$375.00
9/9/2015	Lowes	Bulb	\$ 12.97	
9/21/2015	Service Master	Vacuum, Shampoo Carpet, Tile Grout Cleaning	\$ 845.10	
9/30/2015	R & S Erection of Vallejo	Broken left inner spring	\$ 195.00	
10/12/2015	Air Exchange	Service Call - Filter dryer regulator	\$ 465.86	
10/13/2015	Hagemayer	Quarterly Air Test	\$ 75.00	
10/13/2015	Peterson Mechanical	Quarterly Testing	\$ 250.00	
10/23/2015	General Plumbing Supply	Sloan EBV	\$ 173.82	
11/25/2015	Access Systems	Responded to Velocity not adding badges and time zone correction	\$ 142.50	50/50 Bill Total \$285.00
12/3/2015	R & S Erection of Vallejo	Re-installed sprocket & chain	\$ 390.00	
12/14/2015	Fitguard	Diagnostic Visit	\$ 159.00	
Total			\$22,903.17	

**225 James Road**

<b>Date</b>	<b>Company</b>	<b>Item</b>	<b>Amount</b>
1/23/2015	Afforda-Test	Testing on Above Ground Tank	\$ 344.00
3/4/2015	Bay Area Quality	Annual Permit Renewal	\$ 185.00
8/10/2015	Affordable Communications	Annual Maintenance	\$ 396.00
10/20/2015	Maximum Oil Service	Used antifreeze disposal	\$ 75.00
11/2/2015	Napa Valley Roofing & Construction	Roof Repair	\$ 1,650.00
11/25/2015	Service Master	Vacuum, Apply Shampoo Carpet	\$ 147.52
<b>Total</b>			<b>\$ 2,797.52</b>

**Total**

**\$ 25,700.69**

