

CALENDAR FOR THE BOARD OF DIRECTORS  
**CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT**  
BOARD CHAMBERS, ADMINISTRATION BUILDING, 1025 ESCOBAR STREET  
MARTINEZ, CALIFORNIA 94553-1229

**JOHN GIOIA**, *CHAIR*  
FEDERAL D. GLOVER, *VICE CHAIR*  
**CANDACE ANDERSEN**  
DIANE BURGIS  
KEN CARLSON

MONICA NINO, CLERK OF THE BOARD AND COUNTY ADMINISTRATOR, (925) 655-2075  
LEWIS BROSCHARD, FIRE CHIEF

The public may attend the Board meeting in person and remotely via call-in or Zoom. Board meetings are televised live on Comcast Cable 27, ATT/U-Verse Channel 99, and WAVE Channel 32, and can be seen live online at [www.contracosta.ca.gov](http://www.contracosta.ca.gov). Meetings of the Board are closed-captioned in real time.

Persons who wish to address the Board during public comment or with respect to an item on the agenda may comment in person or may call in during the meeting by dialing 888-278-0254 followed by the access code 843298#. A caller should indicate they wish to speak on an agenda item by pushing "#2" on their phone. Persons who wish to address the Board in person should complete the form provided for that purpose. Access via Zoom is also available using the following link: <https://cccouny-us.zoom.us/j/87344719204>. Those participating via Zoom should indicate they wish to speak on an agenda item by using the "raise your hand" feature in the Zoom app. To provide contact information, please contact Clerk of the Board at [clerkoftheboard@cob.cccouny.us](mailto:clerkoftheboard@cob.cccouny.us) or call 925-655-2000. A Spanish language interpreter is available to assist Spanish-speaking callers.

Public comments generally will be limited to two minutes per speaker. Your patience is appreciated.

A lunch break or closed session may be called at the discretion of the Board Chair. Staff reports related to open session items on the agenda are also accessible online at [www.contracosta.ca.gov](http://www.contracosta.ca.gov).

**ANNOTATED SPECIAL MEETING AGENDA & MINUTES**  
March 21, 2023

Present: Director John Gioia; Director Candace Andersen; Director Diane Burgis; Director Ken Carlson;  
Director Federal D. Glover

Staff Present: Lewis Broschard, Fire Chief  
Monica Nino, County Administrator

1:00 P.M. Convene and call to order.

**Convened today's meeting at 3:50 p.m. Adjourned today's meeting at 5:20 p.m**

**CONSIDER CONSENT ITEMS** (Items listed as C.1 through C.3 on the following agenda) – Items are subject to removal from Consent Calendar by request of any Director or on request for discussion by a member of the public. **Items removed from the Consent Calendar will be considered with the Discussion Items.**

**DISCUSSION ITEMS**

- D.1** ACCEPT a report on Ambulance Patient Offload Times (APOT) at hospitals within Contra Costa County. (Lewis T. Broschard III, Fire Chief)

Speakers: Caller 1; Vince Wells, President Firefighters Local 1230;

- D.2** ACCEPT a report on CAL FIRE Hazard Severity Zone Maps; and PROVIDE direction to staff regarding a response to CAL FIRE within the public comment period. (Aaron J. McAlister, Deputy Fire Chief)

**Speaker: Caller 1.**

AYE: Director John Gioia, Director Candace Andersen, Director Diane Burgis, Director Ken Carlson, Director Federal D. Glover

- D.3** CONSIDER accepting a report from the Fire Chief providing a status summary for ongoing Fire District activities and initiatives. (No fiscal impact) (Lewis T. Broschard III, Fire Chief)

**Speaker: Caller 1.**

AYE: Director John Gioia, Director Candace Andersen, Director Diane Burgis, Director Ken Carlson, Director Federal D. Glover

- D.4** CONSIDER accepting a report from the Deputy Fire Chief providing a status summary for Contra Costa County Fire Protection District fire station construction projects. (Aaron J. McAlister, Deputy Fire Chief)

**Speaker: Caller 1.**

AYE: Director John Gioia, Director Candace Andersen, Director Diane Burgis, Director Ken Carlson, Director Federal D. Glover

**D.5 HEARING** to consider adopting Ordinance No. 2023-08, authorizing the Contra Costa County Fire Protection District to increase its emergency ambulance service fees within Emergency Response Areas 1, 2, and 5 in Contra Costa County. (Lewis T. Broschard III, Fire Chief)

**Speaker: Caller 1.**

AYE: Director John Gioia, Director Candace Andersen, Director Diane Burgis, Director Ken Carlson, Director Federal D. Glover

D. 6 CONSIDER Consent Items previously removed.

**There were no consent items removed.**

D. 7 PUBLIC COMMENT (2 Minutes/Speaker)

**Caller 1 said that she heard all the Supervisors present at roll call, but because she was following the meeting via audio only and did not hear the voices of the other Supervisors at various times, she assumed they were not present.**

## **CONSENT ITEMS**

**C.1 APPROVE and AUTHORIZE** the Fire Chief, or designee, to execute a contract amendment with the California Governor's Office of Emergency Services to increase the payment limit by \$40,000 to a new payment limit of \$315,000, with no change to the term October 1, 2021 through June 30, 2024, to provide reimbursement of regional hazardous materials response training costs. (100% State)

AYE: Director John Gioia, Director Candace Andersen, Director Diane Burgis, Director Ken Carlson, Director Federal D. Glover

**C.2 APPROVE and AUTHORIZE** the Fire Chief, or designee, to execute a license agreement with the U.S. Department of the Navy to use a portion of the former Concord Naval Weapon Station for public safety training purposes during the period April 18, 2023 to May 31, 2024. (No fiscal impact)

AYE: Director John Gioia, Director Candace Andersen, Director Diane Burgis, Director Ken Carlson, Director Federal D. Glover

**C.3 ADOPT** Resolution No. 2023/1 regarding salary increases for specified unrepresented classifications in the Contra Costa County Fire Protection District. (David Sanford, Chief of Labor Relations)

AYE: Director John Gioia, Director Candace Andersen, Director Diane Burgis, Director Ken Carlson, Director Federal D. Glover

## **GENERAL INFORMATION**

The Board meets in all its capacities pursuant to Ordinance Code Section 24-2.402.

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the Clerk of the Board to a majority of the members of the Board of Supervisors less than 96 hours prior to that meeting are available for public inspection at 1025 Escobar Street, First Floor, Martinez, CA 94553, during normal business hours.

All matters listed under CONSENT ITEMS are considered by the Board to be routine and will be enacted by one motion. There will be no separate discussion of these items unless requested by a member of the Board before the Board votes on the motion to adopt. Each member of the public will be allowed two minutes to comment on the entire consent agenda.

Persons who wish to speak on matters set for PUBLIC HEARINGS will be heard when the Chair calls for public testimony. Each speaker during public testimony will be limited to two minutes. After public testimony, the hearing is closed and the matter is subject to discussion and action by the Board. Comments on matters listed on the agenda or otherwise within the purview of the Board of Supervisors can be submitted to the office of the Clerk of the Board via mail: Board of Supervisors, 1025 Escobar Street, First Floor, Martinez, CA 94553 or to [clerkoftheboard@cob.cccounty.us](mailto:clerkoftheboard@cob.cccounty.us).

Time limits for public speakers may be adjusted at the discretion of the Chair.

The County will provide reasonable accommodations for persons with disabilities planning to attend Board meetings who contact the Clerk of the Board at least 24 hours before the meeting, at (925) 655-2000.

Anyone desiring to submit an inspirational thought nomination for inclusion on the Board Agenda may contact the Office of the County Administrator or Office of the Clerk of the Board, 1025 Escobar Street, Martinez, California.

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## **DISCLOSURE OF CAMPAIGN CONTRIBUTIONS**

Pursuant to Government Code section 84308, members of the Board of Supervisors are disqualified and not able to participate in any agenda item involving contracts (other than competitively bid, labor, or personal employment contracts), franchises, discretionary land use permits and other entitlements if the Board member received, since January 1, 2023, more than \$250 in campaign contributions from the applicant or contractor, an agent of the applicant or contractor, or any financially interested participant who actively supports or opposes the County's

decision on the agenda item. Members of the Board of Supervisors who have received, and applicants, contractors or their agents who have made, campaign contributions totaling more than \$250 to a Board member since January 1, 2023, are required to disclose that fact for the official record of the subject proceeding. Disclosures must include the amount of the campaign contribution and identify the recipient Board member, and may be made either in writing to the Clerk of the Board of Supervisors before the subject hearing or by verbal disclosure at the time of the hearing.

## **ADVISORY COMMISSION**

The Contra Costa County Fire Protection District Advisory Commission is scheduled to meet next on April 10, 2023 at 7:00 p.m. at the District Administration Building, 2010 Geary Road, Pleasant Hill, Ca 94523.

**AGENDA DEADLINE: Thursday, 12 noon, 12 days before the Tuesday Board meetings.**

## **Glossary of Acronyms, Abbreviations, and other Terms**

Contra Costa County has a policy of making limited use of acronyms, abbreviations, and industry-specific language in its Board of Supervisors meetings and written materials. For a complete list of commonly used language that may appear in oral presentations and written materials associated with Board meetings, please visit

<https://www.contracosta.ca.gov/8464/Glossary-of-Agenda-Acronyms>.



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

## FIRE • RESCUE • EMS

# Countywide Ambulance Patient Offload Times

## A Review of Calendar Year 2022

March 21, 2023

## Ambulance Patient Offload Times (APOT)

What is APOT and how does it impact the emergency ambulance transport system?

APOT is measured from the time of ambulance arrival at the hospital to the transfer of care to hospital staff in the emergency department.

Increases in APOT contribute to system wide performance degradation

- Reduces the availability of ambulances
- Statewide/Nationwide issue of concern for the Emergency Medical System
- Contra Costa County experienced noticeable increases starting Fall 2022

## Ambulance Patient Offload Times (APOT)

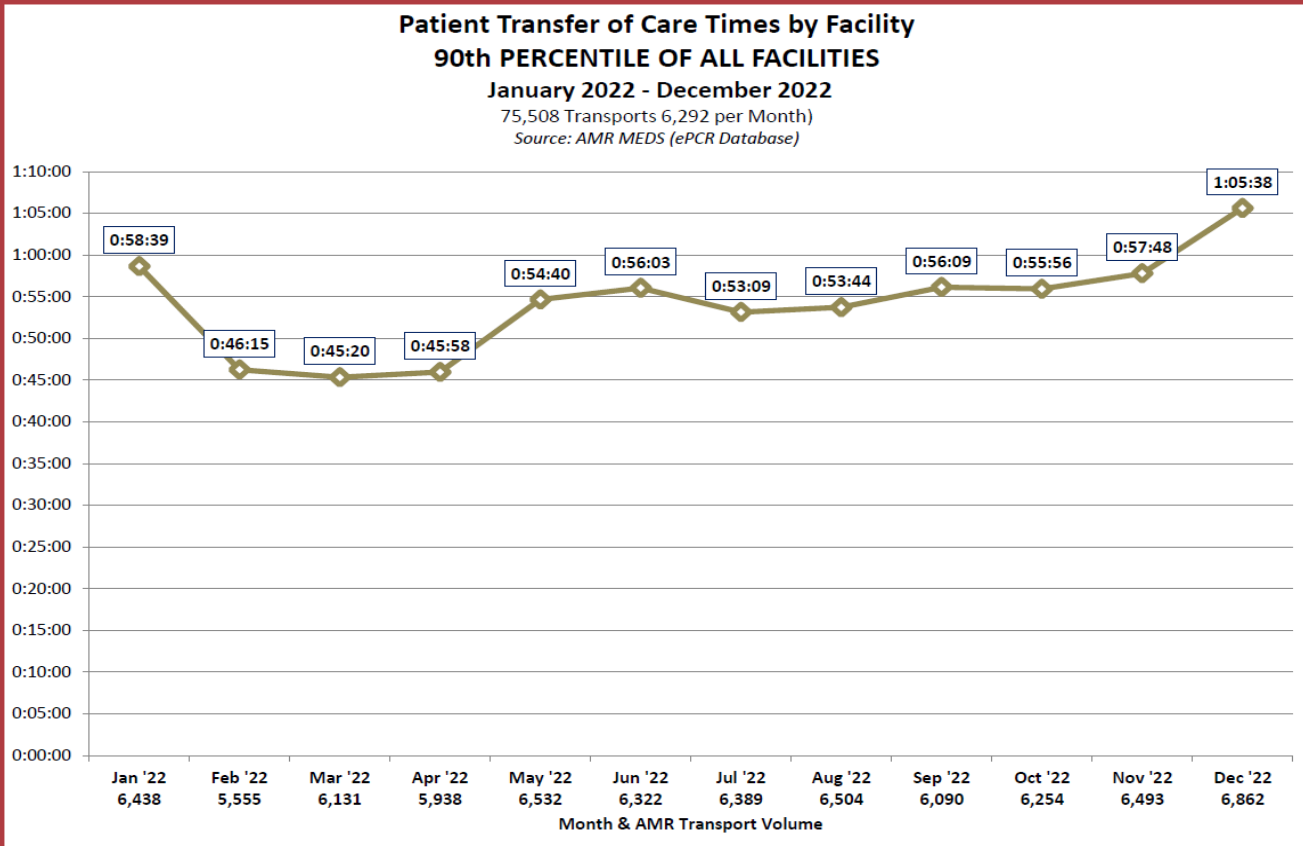
What is the published standard by the Contra Costa EMS Agency?

Policy 4010 states: “Hospitals designated as an EMS receiving hospital in Contra Costa County shall be prepared to receive patients transported by 9-1-1 ambulance providers and accept these patients upon arrival. The patient transfer process performance expectations for the EMS System is twenty (20) minutes or less 90% of the time.”



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

## FIRE • RESCUE • EMS



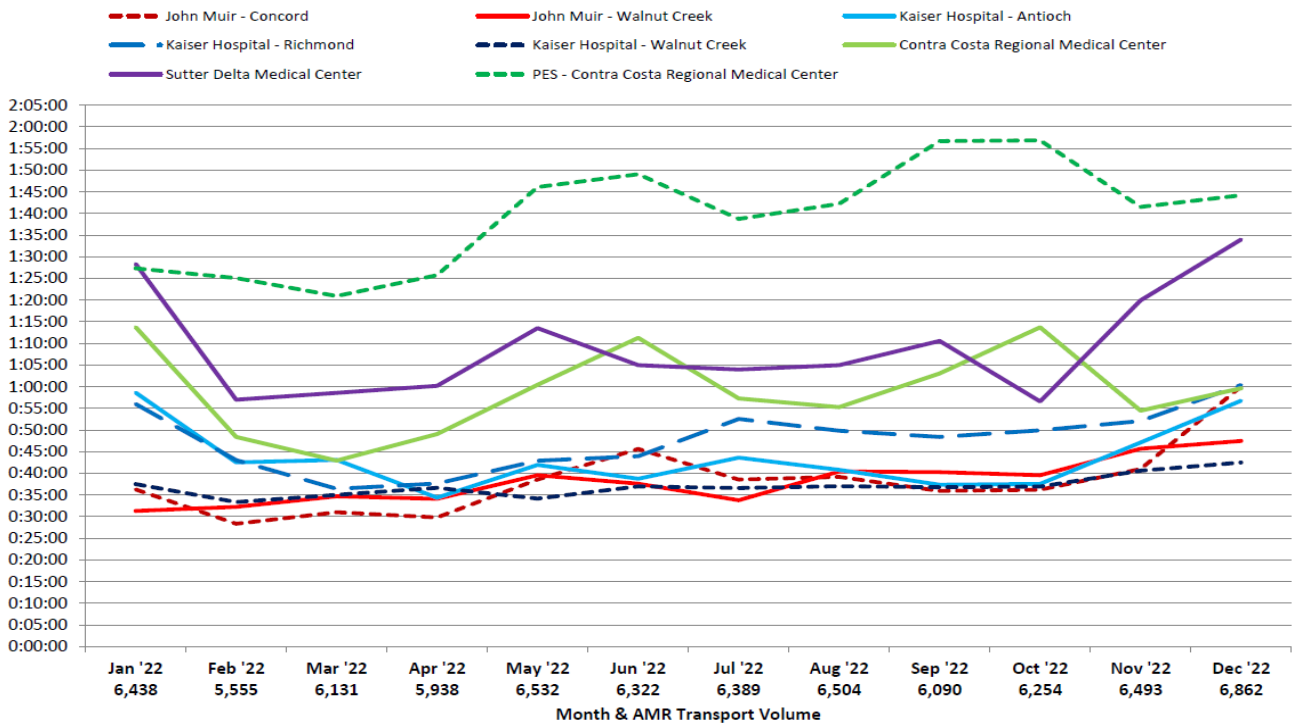
# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

## FIRE • RESCUE • EMS

### Patient Transfer of Care Times by Facility (90th Percentile)

January 2022 - December 2022

Source: AMR MEDS (ePCR Database)



## Ambulance Patient Offload Times (APOT)

### Factors contributing to APOT in Contra Costa County

- Increased use of 911 system and associated emergency ambulance transports
- Increased use of emergency departments – without ambulance transports
- Paramedic staffing issues – nationwide shortage of paramedics
- Hospitals now calling 911 for inter-facility transfers due to shortage of contracted ambulances
- Nursing and hospital staffing issues – nationwide shortage of nurses
- Impacted facilities – increased days where hospitals are at full capacity
- Current county policy allows for patient choice on hospital destination

## Ambulance Patient Offload Times (APOT)

What steps are we taking to improve APOT and ambulance performance?

- Implementing an offload policy/procedure similar to Alameda County
- Continue to push on individual facilities to take responsibility
- Continue to collaborate with Hospital Council
- Monitoring legislation (AB40, AB716)
- Increasing use of Basic Life Support (BLS) units
- Supporting A3 and alternative transport for non-medical psychiatric calls
- Public education and messaging regarding when to call 911

# Ambulance Patient Offload Times (APOT)

QUESTIONS?



Contra  
Costa  
County

To: Contra Costa County Fire Protection District Board of Directors  
From: Lewis T. Broschard III, Chief, Contra Costa Fire Protection District  
Date: March 21, 2023

**Subject:** Report on Ambulance Patient Offload Times

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**RECOMMENDATION(S):**

ACCEPT a report on Ambulance Patient Offload Times (APOT) at hospitals within Contra Costa County.

**FISCAL IMPACT:**

No fiscal impact.

**BACKGROUND:**

Ambulance Patient Offload Times (APOT) have continued to increase and are a driving factor and contributor to decreased emergency ambulance response performance and system reliability. This report is intended as an update to the Board on the current state of patient offload times at area hospitals.

**CONSEQUENCE OF NEGATIVE ACTION:**

The Board will not be informed on the continuing issues regarding patient offload times.

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APPROVE

OTHER

RECOMMENDATION OF CNTY ADMINISTRATOR

RECOMMENDATION OF BOARD COMMITTEE

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Action of Board On: **03/21/2023**  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

Monica Nino, County Administrator and Clerk of the Board of Supervisors

Contact: Lewis T. Broschard III, Fire Chief (925)  
941-3300

By: , Deputy

cc:

CLERK'S ADDENDUM

Speakers: Caller 1; Vince Wells, President Firefighters Local 1230;

ATTACHMENTS

Board APOT Presentation 3-21-23



CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT  
FIRE • RESCUE • EMS

# FIRE HAZARD SEVERITY ZONES 2022 REVISIONS





## TERMINOLOGY

- FHSZ - Fire Hazard Severity Zone
- LRA - Local Responsibility Area
- SRA - State Responsibility Area
- FRA - Federal Responsibility Area



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

## FIRE • RESCUE • EMS

## RESPONSIBLE AGENCIES



### OFFICE OF THE STATE FIRE MARSHAL

The mission of the State Fire Marshal is to protect life and property through the development and application of fire prevention engineering, education and enforcement.

- First revision since 2007
- Wildland fire landscape has changed dramatically



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT FIRE • RESCUE • EMS

## CURRENT PROCESS - SRA

- Public Hearings – per County
- Classification of SRA Lands into FHSZ is required by law. Therefore, the fire hazard severity zone designations and accompanying maps must follow the Administrative Procedures Act (APA) and be approved by the Office of Administrative Law (OAL).
- Title 14 of the California Code of Regulations (CCR) section 1280.01 and entitled “Fire Hazard Severity Zones in the SRA”.
- Public Comment Periods extended to April 4, 2023.



## FUTURE PROCESS- LRA

- Historical Wildland Fires in Cities - Paradise, Santa Rosa
- SRA must be concluded
- Potentially later this summer
- Potential Land Use / Planning Impacts



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT FIRE • RESCUE • EMS

A live presentation with Q & A  
will follow on this website:

<https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=fd937aba2b044c3484a642ae03c35677>



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# FREQUENTLY ASKED QUESTIONS ABOUT: *2022 Fire Hazard Severity Zones*

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## Fire Hazard Severity Zones Explained

- **What is a “Fire Hazard Severity Zone,” or FHSZ?**
  - **Answer:** Public Resource Code 4202; The State Fire Marshal shall classify lands within state responsibility areas into fire hazard severity zones. Each zone shall embrace relatively homogeneous lands and shall be based on fuel loading, slope, fire weather, and other relevant factors present, including areas where winds have been identified by the department as a major cause of wildfire spread. Government Code 51178; The State Fire Marshal shall identify areas in the state as moderate, high, and very high fire hazard severity zones based on consistent statewide criteria and based on the severity of fire hazard that is expected to prevail in those areas. Moderate, high, and very high fire hazard severity zones shall be based on fuel loading, slope, fire weather, and other relevant factors including areas where winds have been identified by the Office of the State Fire Marshal as a major cause of wildfire spread.

### **When were the maps last updated?**

- **Answer:** In 2007, CAL FIRE updated the FHSZs for the entire State Responsibility Area (SRA). Between 2008-2011 the department worked with local governments to make recommendations of the Very High Fire Hazard Severity Zones within Local Responsibility Areas (LRA).

- **When will the maps be updated?**

- **Answer:** Over the past few years, CAL FIRE has been building the new model for a 2022 update. The latest technologies will be used in the mapping and will include new factors now available including land use changes, recent fire history, new significant wind event data, as well as a model that is more spatially detailed.

- **Why are fire hazard severity maps being updated?**

- **Answer:** The hazard maps are being updated to more accurately reflect the zones in California that are susceptible to wildfire. The hazard mapping process will incorporate new science in local climate data and improved fire assessment modeling in determining hazard ratings.

- **What do Fire Hazard Severity Zones measure?**

- **Answer:** The Fire Hazard Severity Zone map evaluates “**hazard**,” not “**risk**”. The map is like flood zone maps, where lands are described in terms of the probability level of a particular area being inundated by floodwaters, and not specifically prescriptive of impacts. “**Hazard**” is based on the physical conditions that create a likelihood and expected fire behavior over a 30 to 50-year period without considering mitigation measures such as home hardening, recent wildfire, or fuel reduction efforts. “**Risk**” is the potential damage a fire can do to the area under existing conditions, accounting for any modifications such as fuel reduction projects, defensible space, and ignition resistant building construction.

- **Where do Fire Hazard Severity Zones apply?**

- **Answer:** Fire Hazard Severity Zones are found in areas where the state has financial responsibility for wildfire protection and prevention, called the State Responsibility Area. More than 31 million acres are in this area. Under Senate Bill 63 (Stern, 2021) Government

Code 51178 was amended to add the Moderate and High Fire Hazard Severity Zones with the Very High in local jurisdictions.

- **What are the uses of Fire Hazard Severity Zones?**
  - **Answer:** The zones are used for several purposes including to designate areas where California’s defensible space standards and wildland urban interface building codes are required. They can be a factor in real estate disclosure, and local governments may consider them in their general plan.
- **Is there an easy way to determine the Fire Hazard Severity Zone of my property?**
  - **Answer:** You can search by address to find your current designation on the web at: [osfm.fire.ca.gov/FHSZ](https://osfm.fire.ca.gov/FHSZ)
- **What are the key elements of the Fire Hazard Severity Zone model?**
  - **Answer:** The fire hazard severity model for wildland fire has two key elements: probability of an area burning and expected fire behavior under extreme fuel and weather conditions. The zones reflect areas that have similar burn probabilities and fire behavior characteristics. The factors considered in determining fire hazard within wildland areas are fire history, flame length, terrain, local weather, and potential fuel over a 50-year period. Outside of wildlands, the model considers factors that might lead to buildings being threatened, including terrain, weather, urban vegetation cover, blowing embers, proximity to wildland, fire history, and fire hazard in nearby wildlands. FHSZs are not a structure loss model, as key information regarding structure ignition (such as roof type, etc.) is not included.
- **How do the Fire Hazard Severity Zone Maps differ from California Public Utilities Commission (CPUC) High Fire Threat District Maps?**
  - **Answer:** The California Public Utilities Commission (CPUC) sponsored map, known as "CPUC High Fire Threat District Map" (HFTD), includes similar factors as those in the FHSZ maps, however the CPUC HFTD Map is designed specifically for identifying areas where there is an increased risk for utility associated wildfires. As such, the CPUC map includes fire hazards associated with historical powerline-caused wildfires, current fuel conditions, and scores areas based on where fires start, as opposed to where potential fires may cause impacts.

## Data Related Questions

- **How are Fire Hazard Severity Zones determined?**
  - **Answer:** CAL FIRE used the best available science and data to develop, and field test a model that served as the basis of zone assignments. The model evaluated the probability of the area burning and potential fire behavior in the area. Many factors were included such as fire history, vegetation, flame length, blowing embers, proximity to wildland, terrain, and weather.
- **What new data will be included in the new model, and how does this differ from the previous model?**
  - **Answer:** A 2 km grid of climate data covering the years 2003-2018 is being used in the update. The previous model used stock weather inputs across the state to calculate wildland fire intensity scores. The updated model will adjust fire intensity scores based on the most extreme fire weather at a given location, considering temperature, humidity, and wind speed. In addition, ember transport is being modeled based on local distributions of observed wind speed and direction values instead of using a generic buffer distance for urban areas adjacent to wildlands.

- **What is the difference between the various Fire Hazard Severity Zones?**
  - **Answer:** Classification of a wildland zone as Moderate, High or Very High fire hazard is based on the average hazard across the area included in the zone, which have a minimum size of 200 acres. In wildlands, hazard is a function of modeled flame length under the worst conditions and annual burn probability. Both these factors generally increase with increasing hazard level, but there may be instances where one value is Very High and the other is low, pushing the overall hazard into a more intermediate ranking. On average, both modeled flame length and burn probability increase by roughly 40-60% between hazard classes. Classification outside of wildland areas is based on the fire hazard of the adjacent wildland and the probability of flames and embers threatening buildings.
- **Why does the model place an emphasis on the spread of embers?**
  - **Answer:** Embers spread wildfire because they can travel long distances in the wind and ignite vegetation, roofs, attics (by getting into vents), and decks.
- **Is the GIS data for Fire Hazard Severity Zones available for download?**
  - FHSZ geospatial data files are currently not available during the adoption process. The regulation incorporates the map by reference, and it is presented as an accurate and tractable representation of the data; release of the data could compromise the integrity of the data causing misrepresentation of the map and regulation. Upon completion of this process, the FHSZ maps will become formally adopted; at that time geospatial data files will become available. We have provided a web map service for you to view the zone classifications at [osfm.fire.ca.gov/FHSZ](https://osfm.fire.ca.gov/FHSZ).

### State Regulated Area Questions

- **What is “State Responsibility Area,” or SRA?**
  - **Answer:** SRA is a legal term defining the area where the state has financial responsibility for wildland fire protection and prevention. Incorporated cities and federal ownership are not included. Within the SRA, CAL FIRE is responsible for fire prevention and suppression. There are more than 31 million acres in SRA, with an estimated 1.7 million people and 800,000 existing homes.
- **How is state responsibility area determined?**
  - **Answer:** The Board of Forestry and Fire Protection (Board) classifies land as State Responsibility Area. The legal definition of SRA is found in the Public Resources Code Section 4125. The Board has developed detailed procedures to classify lands as State Responsibility Area. Lands are removed from SRA when they become incorporated by a city, change in ownership to the federal government, become more densely populated, or are converted to intensive agriculture that minimizes the risk of wildfire. While some lands are removed from SRA automatically, the Board typically reviews changes every five years.
- **What Fire Hazard Severity Zones are in State Responsibility Area?**
  - **Answer:** All of the State Responsibility Area is in a Fire Hazard Severity Zone. Lands are either ranked as Moderate, High or Very High Fire Hazard Severity Zones.
- **What are the wildland urban interface (WUI) building codes in State Responsibility Area?**
  - **Answer:** The WUI building codes (California Building Code (CBC) Chapter 7A) reduce the risk of embers fanned by wind-blown wildfires from igniting buildings. The codes for roofing, siding, decking, windows, and vents apply throughout all state responsibility area regardless of the fire hazard severity ranking. Ember-resistant building materials can be



found at: <https://osfm.fire.ca.gov/divisions/fire-engineering-and-investigations/building-materials-listing/>

## **Local Regulated Area Questions**

- **What is “Local Responsibility Area”, or LRA?**
  - **Answer:** Local Responsibility Areas (LRA) are incorporated cities, urban regions, agriculture lands, and portions of the desert where the local government is responsible for wildfire protection. This is typically provided by city fire departments, fire protection districts, counties, and by CAL FIRE under contract.
- **What is the “Bates Bill”?**
  - **Answer:** The “Bates Bill” (AB 337), Government Code Section 51175, was prompted by the devastating Oakland Hills Fire of 1991. This mid-1990s legislation calls for CAL FIRE to evaluate fire hazard severity in local responsibility area and to make a recommendation to the local jurisdiction where very high FHSZs exist. The Government Code then provides direction for the local jurisdiction to take appropriate action.
- **How are Fire Hazard Severity Zones determined in local responsibility areas?**
  - **Answer:** CAL FIRE uses an extension of the state responsibility area Fire Hazard Severity Zone model as the basis for evaluating fire hazard in Local Responsibility Area. The Local Responsibility Area hazard rating reflects flame and ember intrusion from adjacent wildlands and from flammable vegetation in the urban area.
- **What are the requirements for landowners in FHSZs in local responsibility areas? GC51189**
  - **Answer:** California’s WUI building codes (CBC Chapter 7A) apply to the design and construction of new buildings located in High and Very High FHSZs in Local Responsibility Areas. Local ordinances may require ignition resistant construction for remodel projects. Check with your local building department to determine which ignition resistant building codes apply to your project. In addition, Government Code Section 51182 calls for defensible space clearance and other wildland fire safety practices for buildings. Owners are also required to make a natural hazard disclosure as part of a real estate transfer. For information regarding “home hardening” and defensible space clearance, visit [www.ReadyForWildfire.org](http://www.ReadyForWildfire.org).
- **Does the designation of Very High Fire Hazard Severity Zones in the Local Responsibility Area trigger the 100-foot clearance requirement?**
  - **Answer:** Yes, per Government Code 51182 unless a local government has passed a more stringent requirement, the 100-foot defensible space clearance applies. For information regarding “home hardening” and defensible space clearance, visit [www.ReadyForWildfire.org](http://www.ReadyForWildfire.org).
- **How does CAL FIRE assist Local Governments in Fire Hazard Severity Zones?**
  - **Answer:** CAL FIRE’s Land Use Planning Program is a specialized unit that provides support to local governments by providing fire safety expertise on the State’s wildland urban interface building codes, wildfire safety codes, as well as helping in the development of the safety elements in general plans. Currently there are 189 cities and 56 counties with FHSZ.
- **What is the process for developing Fire Hazard Severity Zones in the Local Responsibility Area?**

- **Answer:** CAL FIRE uses the same modeling data that is used to map the State Responsibility Area. The department works with local jurisdictions for validation of the mapping. The map, along with a model ordinance, are then sent to the governing body for adoption.
- **How are the new Fire Hazard Severity Zones impacting development?**
  - **Answer:** Many of the changes expanding fire hazard severity zones in local responsibility areas (LRA) have been supported by the building industry. CAL FIRE works closely with the building industry when setting various building codes and defensible space requirements, so we are working together to not affect development itself but to make sure development matches the hazards of that area.
- **When will the Local Responsibility Area Map be released?**
  - **Answer:** The Local Responsibility Area Map Process will happen after the State Regulated Area process has been completed, which is estimated to occur in Spring or Summer of 2023.

### Insurance Related Questions

- **Will the new fire hazard severity zones affect my ability to get or maintain insurance?**
  - **Answer:** Insurance companies use risk models, which differ from hazard models, because they consider the susceptibility of a structure to damage from fire and other short-term factors that are not included in hazard modeling. It is unlikely that insurance risk models specifically call out CAL FIRE Fire Hazard Severity Zones as a factor, but much of the same data that is used in the fire hazard severity zone model are likely included in the insurance companies' risk models. However, insurance risk models incorporate many additional factors and factors that change more frequently than those that CAL FIRE includes in its hazard mapping, which is built to remain steady for the next 10+ years.

### Resources, Additional Information, and Contact Information

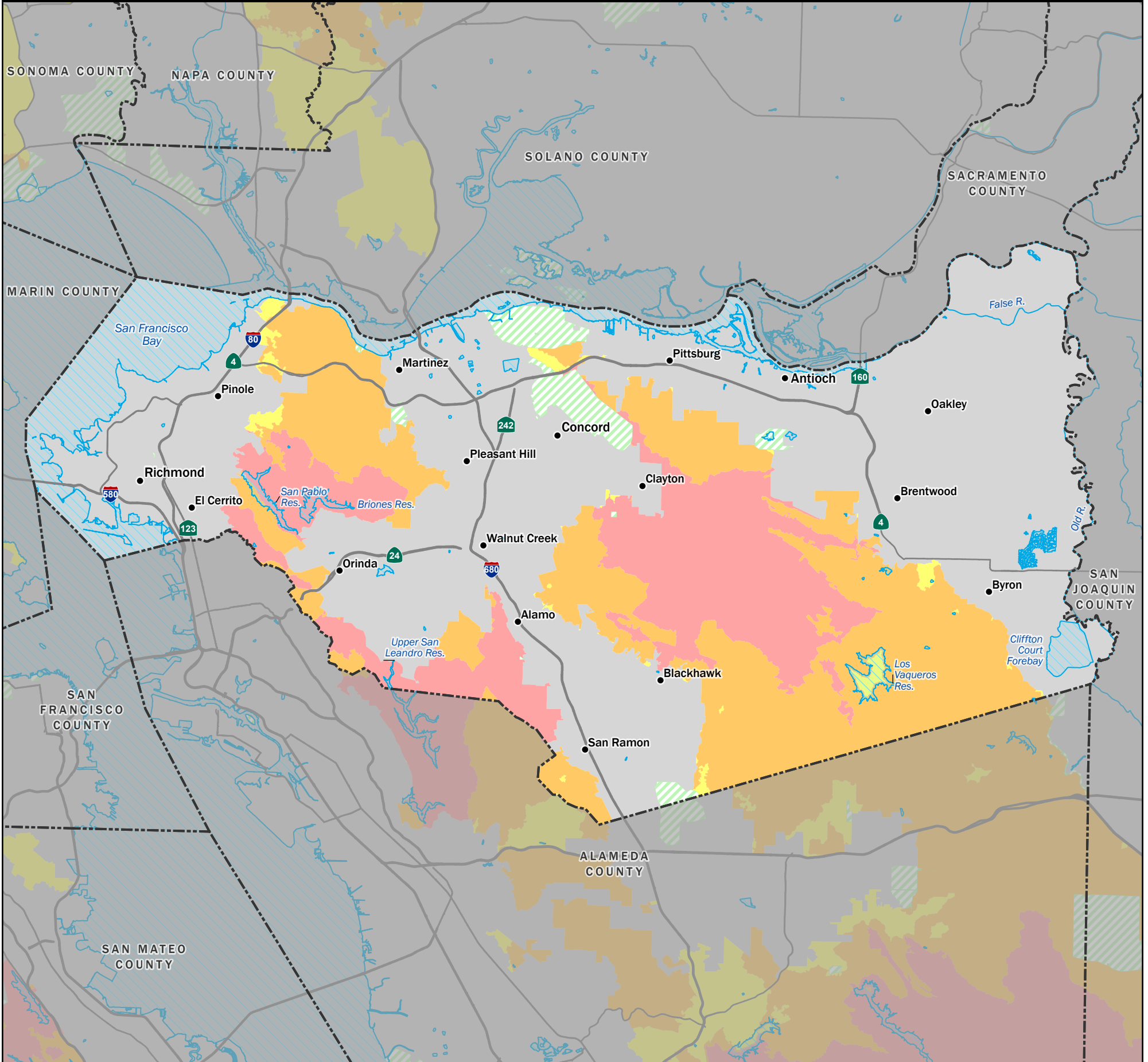
- To find the current FHSZ designation for a property, visit FHSZ Map Viewer (ca.gov).
- Helpful links:
  - FHSZ Website:
    - [osfm.fire.ca.gov/FHSZ](https://osfm.fire.ca.gov/FHSZ)
  - FHSZ Map Viewer:
    - [FHSZ Map Viewer \(ca.gov\)](https://ca.gov/FHSZ-Map-Viewer)
- Contacts for FHSZ for Public Questions:

(916) 633-7655

[FHSZinformation@fire.ca.gov](mailto:FHSZinformation@fire.ca.gov)

# State Responsibility Area Fire Hazard Severity Zones

November 21, 2022

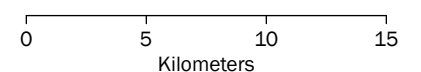
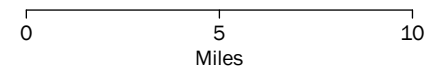


**Fire Hazard Severity Zones in State Responsibility Area (SRA)**

<span style="color: red;">■</span>	Very High	71,590 Acres
<span style="color: orange;">■</span>	High	115,997 Acres
<span style="color: yellow;">■</span>	Moderate	4,605 Acres

**Fire Protection Responsibility Areas (non-SRA)**

<span style="color: green;">▨</span>	Federal Responsibility Area (FRA)
<span style="color: grey;">■</span>	Local Responsibility Area (LRA)



Projection: NAD 83 California Teale Albers  
Scale: 1:315,000 at 11" x 17"

Public Resources Code 4201-4204 directs the California Department of Forestry and Fire Protection (CAL FIRE) to map fire hazard within State Responsibility Areas (SRA) based on fuel loading, slope, fire weather, and other relevant factors present, including areas where winds have been identified by the department as a major cause of wildfire spread. These zones, referred to as Fire Hazard Severity Zones (FHSZ), classify a wildland zone as Moderate, High, or Very High fire hazard based on the average hazard across the area included in the zone.

Access PDF versions of the maps at <https://osfm.fire.ca.gov/fhsz-maps>. For more information, please visit the Frequently Asked Questions document for the 2023 Fire Hazard Severity Zones at <https://osfm.fire.ca.gov/fhsz> or scan the QR code at right. If you have further questions, please call 916-633-7655 or email [FHSZcomments@fire.ca.gov](mailto:FHSZcomments@fire.ca.gov).



**Scan or click the QR code for more information and to visit the interactive FHSZ viewer.**

The State of California and the Department of Forestry and Fire Protection make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental, or consequential damages with respect to any claim by any user or third party on account of, or arising from, the use of data or maps. Obtain FRAP maps, data, metadata, and publications at <https://frap.fire.ca.gov>. For more information, please call 916-633-7655 or email [FHSZcomments@fire.ca.gov](mailto:FHSZcomments@fire.ca.gov).

Gavin Newsom, Governor, State of California  
Wade Crowfoot, Secretary for Natural Resources, California Natural Resources Agency  
Mike Richwine, State Fire Marshal, California Department of Forestry and Fire Protection

Data Sources:  
CAL FIRE Fire Hazard Severity Zones (FHSZSRA\_DRAFT\_23\_1)  
CAL FIRE State Responsibility Areas (SRA22\_2)



Contra  
Costa  
County

To: Contra Costa County Fire Protection District Board of Directors  
From: Lewis T. Broschard III, Chief, Contra Costa Fire Protection District  
Date: March 21, 2023

Subject: Report on CAL FIRE Hazard Severity Zone Maps

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**RECOMMENDATION(S):**

ACCEPT a report on CAL FIRE Hazard Severity Zone Maps; and PROVIDE direction to staff regarding a response to CAL FIRE within the public comment period. (No fiscal impact)

**FISCAL IMPACT:**

No fiscal impact.

**BACKGROUND:**

Public Resources Code 4201-4204 directs the California Department of Forestry and Fire Protection (CAL FIRE) to map fire hazard within State Responsibility Areas (SRAs) based on fuel loading, slope, fire weather, and other relevant factors present, including areas where winds have been identified by the department as a major cause of wildfire spread. These zones, referred to as Fire Hazard Severity Zones (FHSZ), classify a wildland zone as Moderate, High, or Very High fire hazard based on the average hazard across the area included in the zone.

These maps were last updated in 2007. Since that time, the wildland urban interface environment has changed dramatically. Fifteen of California's top twenty most destructive fires have occurred since the maps were last updated.

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APPROVE

OTHER

RECOMMENDATION OF CNTY ADMINISTRATOR

RECOMMENDATION OF BOARD COMMITTEE

---

Action of Board On: **03/21/2023**  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

AYE: John Gioia, Director  
Candace Andersen,  
Director  
Diane Burgis, Director  
Ken Carlson, Director  
Federal D. Glover, Director

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

Monica Nino, County Administrator and Clerk of the Board of Supervisors

Contact: Lewis T. Broschard III, Fire Chief (925)  
941-3300

By: June McHuen, Deputy

cc:

BACKGROUND: (CONT'D)

Five of these top twenty most destructive fires occurred in the Nine Bay Area Region.

According to CAL FIRE, "Overall, the map shows increased fire hazard, reflecting California's increase in wildfire occurrence and severity because of many factors, including a changing climate. The map has been updated to more accurately reflect the zones in California that are susceptible to wildfire, to help provide transparency for planning and preparedness efforts, and to provide communities a forecasting tool so that the public can take steps to prevent and prepare for wildfire. The hazard mapping process incorporates local climate data and changes in burn probability based on recent trends in fire occurrence."

These map designations will have impacts for building codes, land use, and planning decisions. What is currently up for review is only the State Responsibility Areas (SRA). SRA land almost always falls within the unincorporated areas of a County. Later this year, CAL FIRE will roll out new maps for the Local Responsibility Areas (LRA). The LRA areas are typically found within City limits of incorporated cities.

These maps were created by CAL FIRE without input from CCCFPD. They were first released to the public and local fire agencies in January 2023. CAL FIRE has been conducting public hearings throughout the state. CCCFPD and other local agencies have attended these hearings and offered public comment. The public comment period was recently extended to April 4, 2023. With this additional time, staff brings the matter forward for Board of Directors review, direction, and, possibly, additional public comment. A FAQ document and a map, provided by CAL FIRE, have been provided as attachments to this staff report.

CONSEQUENCE OF NEGATIVE ACTION:

The State of California Department of Forestry and Fire Protection will move forward with this public hearing process with or without our input.

CLERK'S ADDENDUM

**Speaker: Caller 1.**

ATTACHMENTS

Fire Hazard Maps- Proposed

FHSZ FAQ's

Board FHSZ Presentation 3-21-23



## CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

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March 21, 2023

TO: Board of Directors

FROM: Lewis T. Broschard III, Fire Chief

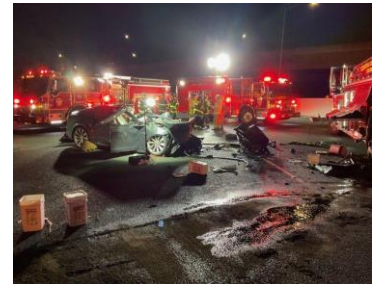
RE: Fire Chief's Report

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- Pinole Contract Update. Last Saturday, along with the City of Pinole, we celebrated the reopening of Fire Station 74 and the operational implementation of our contract for service with a ribbon-cutting ceremony and open house. The ceremony featured remarks by elected, fire, and labor officials and was well attended by area residents. An official transfer of command ceremony will complete the contract implementation process at the Pinole City Council meeting on April 4.



- Operations Update. In the early morning hours of February 18, a vehicle struck Truck 1 on scene of a minor traffic incident on northbound I-680, just south of Treat Boulevard. The passenger car was traveling at highway speeds on impact resulting in the death of the driver, critical injuries to his passenger, and extensive damage to our ladder truck. Out of an abundance of caution, all four Truck 1 crewmembers were transported to the hospital for evaluation. They were later released back to duty.



This is a tragedy on several levels, made all the more so because the accident was preventable. Far too often, we see our crews and vehicle operators endangered and equipment damaged because drivers fail to slow down and move over when approaching highway incident scenes. Having failed to find and implement improved solutions with our highway partners on mitigating these risks, we are pursuing solutions within our control to better protect our firefighters, equipment, and passing drivers.

In the meantime, we are evaluating with the manufacturer whether Truck 1 can be repaired and returned to service. Truck 1 was a 2016 model with 51,000 miles. Unfortunately, the backlog for delivery of new fire trucks is long, and this incident will impact our ability to implement plans to staff a completely new truck company in Battalion 9 in the spring. The new resource for Battalion 9 will, initially, be an engine company. On the positive side, we have three ladder trucks already on order. The first is due to arrive this summer.

- Training Update. Fire Recruit Academy 58 completed its 20-week course of instruction earlier this month, and its 28 probationary firefighters have since begun their first company assignments. These much-needed additional firefighters are, among other things, supporting staffing of the new Fire Station 74 in Pinole as well as our plans to expand crews in east county in the coming months.



Academy 59, a lateral academy, began yesterday Monday March 6. This is a group of 15 lateral firefighters and firefighter-paramedics who come to us with experience from other agencies. This academy will be eight weeks long, and we expect the graduates to be online in May 2023. These firefighters will allow us to staff the dedicated rescue company with funds awarded by the FEMA SAFER grant program.

- Communications Division Update. The Communications Division completed installation of all radio and computer support as well as new fiber connectivity for Fire Stations 73 and 74 in Pinole ahead of the March 1 contract implementation date.
- Fire Prevention Bureau Update. During the month of February, the Bureau focused much effort on implementation of electronic plan review in the Engineering Unit, bringing considerable new efficiencies to these processes for both the District and our customers. The new feature will initially only be accepted for Pinole and east county customers as electronic plan review was already in use by the former consultants for these areas. The goal is to transition this new technology Districtwide in a phased approach throughout the coming year.



Contra  
Costa  
County

To: Contra Costa County Fire Protection District Board of Directors  
From: Lewis T. Broschard, III, Chief, Contra Costa Fire Protection District  
Date: March 21, 2023

Subject: Fire Chief's Report - March 21, 2023

---

**RECOMMENDATION(S):**

ACCEPT a report from the Fire Chief providing a status summary for ongoing Fire District activities and initiatives.

**FISCAL IMPACT:**

No fiscal impact.

**BACKGROUND:**

At the request of the Contra Costa County Fire Board of Directors, the Fire Chief is providing a report on the status and progress of the various District initiatives.

**CONSEQUENCE OF NEGATIVE ACTION:**

The Board would not receive the most up to date information regarding ongoing Fire District activities and initiatives.

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APPROVE

OTHER

RECOMMENDATION OF CNTY ADMINISTRATOR

RECOMMENDATION OF BOARD COMMITTEE

---

Action of Board On: 03/21/2023  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

AYE: John Gioia, Director  
Candace Andersen,  
Director  
Diane Burgis, Director  
Ken Carlson, Director  
Federal D. Glover, Director

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

Monica Nino, County Administrator and Clerk of the Board of Supervisors

Contact: Lewis T. Broschard III, Fire Chief (925)  
941-3300

By: June McHuen, Deputy

cc:



CLERK'S ADDENDUM

**Speaker: Caller 1.**

ATTACHMENTS

Fire Chief's Report



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

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March 21, 2023

TO: Board of Directors

FROM: Aaron J. McAlister, Deputy Fire Chief

RE: Update on Fire Station Construction Projects

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- **Fire Station 90 – Brentwood**

Basic design work and floor plan have been established. We will soon meet with the City of Brentwood to gain input as to design elements. Engineering is in progress working toward developing bridging document for bidding later this year.



- **Fire Station 9 – Pacheco**

We are proceeding with our back-up plans to design a new station on the current Fire Station 9 site at 209 Center Street in Pacheco. The site has some challenges with the nearby creek and flood plain. We have selected an architect and will have a kick-off meeting in April 2023.

We will simultaneously continue conversations with Airport staff and Public Works in hopes of a future aviation site for fire at the airport on the already identified site.

- **Fire Station 94 – Downtown Brentwood**

Lot line adjustments on both sides of the project are in process. These need to be finalized in order to release the architect on the footprint of the newly adjusted lot. We will use the same architect for bridging documents at Fire Station 90, also in Brentwood. Making modifications to the lot line on both sides would increase the functionality of the fire station.

This station will also be constructed using the design build method.

- **Contra Costa Regional Fire Communications Center (CCRFCC) – Pleasant Hill**

The architect is submitting buildable plans, for the remodel of the communications center, to the City of Pleasant Hill for plan review by the end of the month. The goal is to go out to bid in summer 2023. This remodel will greatly enhance our ability to process and dispatch 911 emergency calls for service.





Contra  
Costa  
County

To: Contra Costa County Fire Protection District Board of Directors  
From: Lewis T. Broschard III, Chief, Contra Costa Fire Protection District  
Date: March 21, 2023

Subject: Update on Fire Station Construction Projects - March 21, 2023

---

**RECOMMENDATION(S):**

ACCEPT a report from the Deputy Fire Chief providing a status summary for Contra Costa County Fire Protection District fire station construction projects.

**FISCAL IMPACT:**

Status report only. No fiscal impact.

**BACKGROUND:**

At the request of the Contra Costa County Fire Board of Directors, the Deputy Fire Chief is providing a report on the status and progress of District fire station construction projects.

**CONSEQUENCE OF NEGATIVE ACTION:**

The Board would not receive a status summary for Contra Costa County Fire Protection District fire station construction projects

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APPROVE

OTHER

RECOMMENDATION OF CNTY ADMINISTRATOR

RECOMMENDATION OF BOARD COMMITTEE

---

Action of Board On: 03/21/2023  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

AYE: John Gioia, Director  
Candace Andersen, Director  
Diane Burgis, Director  
Ken Carlson, Director  
Federal D. Glover, Director

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

Monica Nino, County Administrator and Clerk of the Board of Supervisors

Contact: Aaron McAlister, Deputy Fire Chief (925)  
941-3300 x1101

By: June McHuen, Deputy

cc:

CLERK'S ADDENDUM

**Speaker: Caller 1.**

ATTACHMENTS

Construction Project Update - March 2023

**ORDINANCE NO. 2023-08**  
(Uncodified)

**COST RECOVERY ORDINANCE FOR EMERGENCY AMBULANCE SERVICES**

The Contra Costa County Board of Supervisors, as and constituting the Board of Directors of the Contra Costa County Fire Protection District, ordains as follows:

**SECTION I. Authority.** This ordinance is enacted pursuant to Health and Safety Code sections 13910 through 13919.

**SECTION II. Findings and Purpose.**

- A. Effective January 1, 2016, the Contra Costa County Fire Protection District (the “District”) began providing Emergency Ambulance Services in Emergency Response Areas 1, 2 and 5 of Contra Costa County (the “Service Area”) pursuant to the Emergency Ambulance Services contract (the “Ambulance Contract”), between Contra Costa County (the “County”) and the District.
- B. Under the Ambulance Contract, the District is required to employ all resources necessary to continuously provide Emergency Ambulance Services to persons in the Service Area 24 hours a day, every day, when requested by an emergency medical dispatch center.
- C. The District does not possess the infrastructure or personnel necessary to directly perform the Emergency Ambulance Services required under the Ambulance Contract. American Medical Response West (the “Ambulance Services Subcontractor”) provides Emergency Ambulance Services in the Service Area on the District’s behalf under a subcontract with the District (the “Ambulance Subcontract”).
- D. The District responds to a high volume of calls for Emergency Ambulance Services through its Ambulance Services Subcontractor, which deploys personnel to incidents and provides Emergency Ambulance Services treatment and transport to persons at those incidents.
- E. The Ambulance Contract sets the rates the District is authorized to charge for providing Emergency Ambulance Services. The District currently charges Emergency Ambulance Services patients the following amounts: (1) an Emergency Ambulance Response base rate of \$2,700.95; (2) a mileage rate (for each mile traveled with a loaded patient) of \$65.29 per mile; (3) an oxygen administration charge of \$226.40; and (4) a treat and refused transport charge (if applicable) of \$579.15.
- F. The Ambulance Contract requires the County, when requested by the District, to increase the previous rates by the greater of (i) and (ii):
  - (i) A percentage calculated as follows: The average Consumer Price Index, All Urban Consumers for Medical Care (U.S. city average) (1982-84=100) (“Medical CPI”) for the most recent and available three-year period, divided by the following: the average dollar amount received by the District from non-public payers for the most recent three-year billing period (excluding billings that are less than six (6) months old) divided by the

average dollar amount received by the District from all payers for the most recent three-year billing period (excluding billings that are less than six (6) months old). For example purposes only, if the average CPI for the most recent three-year period is 3%, and the average amount the District received from non-public payers for the most recent three-year period (excluding billings that are less than six (6) months old) is \$27,000,00, and the average dollar amount received by the District from all payers for the most recent three-year period (excluding billings that are less than six (6) months old) is \$47,000,000, then the percentage would be 5.22%, calculated as follows:  
.03/(\$27,000,000/\$47,000,000).

- (ii) Five percent (5%),

Notwithstanding the foregoing, in no event shall the maximum increase exceed nine percent (9%).

- G. The Ambulance Subcontract requires the hourly rates paid by the District to the Ambulance Services Subcontractor to increase annually by the greater of (i) the percentage increase in CPI, and (ii) three percent (3%).
- H. The District has reasonably calculated its costs of providing Emergency Ambulance Services to persons at an incident. These costs include the District's costs of its Ambulance Services Subcontractor, the costs of its billing and collections subcontractor, and the cost of District staff to provide Emergency Ambulance Services on a per-patient basis. The Emergency Ambulance Services fees established by this ordinance are calculated based on the District's actual costs of providing Emergency Ambulance Services on a per-patient basis.

**SECTION III. Definitions.** For purposes of this ordinance, the following terms have the following meanings:

- (a) "ALS" means advanced life support emergency medical services designed to provide definitive prehospital emergency medical care that are administered by authorized personnel (i) under the direct supervision of a facility designated by Contra Costa County Emergency Medical Services Agency ("CCCEMSA") pursuant to Health and Safety Code section 1798.100, or (ii) by utilizing approved prehospital treatment protocols or standing orders as part of the County EMS system, and which are administered at the scene of an emergency, during transport to an acute care hospital or other approved facility, during inter-facility transfers, and while in the emergency department of an acute care hospital until responsibility is assumed by the emergency department or other medical staff of that hospital. ALS may include, without limitation, cardiopulmonary resuscitation, cardiac monitoring, cardiac defibrillation, advanced airway management, intravenous therapy, administration of specified drugs, and other medicinal preparations, and other specified techniques and procedures.
- (b) "BLS" means basic life support emergency medical services including, but not limited to, emergency first aid and cardiopulmonary resuscitation medical care procedures which, as a minimum, include recognizing respiratory and cardiac arrest and starting proper application of cardiopulmonary resuscitation to maintain life without invasive techniques, unless authorized

by state law or regulation, until the victim may be transported or until ALS medical care is available.

- (c) “Emergency Ambulance Services” means emergency ambulance services involving the administration of ALS, BLS, or critical care transport, provided in response to 911 calls and/or requests for emergency medical services through a public safety agency where 911 calls are first received for a particular jurisdiction, or prehospital emergency calls received directly by the District.

#### **SECTION IV. Emergency Ambulance Services Fees.**

- (a) The Emergency Ambulance Services fees to recover the District’s actual costs of providing Emergency Ambulance Services to each patient are established in the amount specified in Exhibit A attached hereto and incorporated herein.
- (b) The Emergency Ambulance Services fees shall be charged to each person who receives District Emergency Ambulance Services during a single incident.
- (c) The District Board of Directors (the “Board”) may adjust the amount of the Emergency Ambulance Services fees established by this ordinance pursuant to Health and Safety Code section 13916.

#### **SECTION V. Fee Collection.**

- (a) If the District provides Emergency Ambulance Services to a person through its Ambulance Services Subcontractor, the Fire Chief, or designee, including the District’s Emergency Ambulance Services billing subcontractor, will send an invoice seeking payment of the Emergency Ambulance Services fees to the person, and to the insurance company that provides medical insurance coverage for the person (the “Insurer”) if the person or his or her representative has identified to the District or to its Ambulance Services Subcontractor the Insurer to which the invoice should be sent.
- (b) The Fire Chief, or designee, has approved and adopted policies and procedures for invoicing, billing, and receiving payments for each Emergency Ambulance Services fee charged under this ordinance. The policies and procedures include a process to discharge from accountability accounts that are not collectible.

**SECTION VI. No Effect on Emergency Ambulance Services.** This ordinance neither expands nor limits Emergency Ambulance Services. Nothing in this ordinance relieves the District from providing Emergency Ambulance Services. Emergency Ambulance Services will continue to be provided without regard to whether a person is insured by an Insurer, and without regard to whether a person has the ability to pay the Emergency Ambulance Services fees.

**SECTION VII. No Waiver of Other Means of Cost Recovery.** This ordinance does not preclude the District from recovering its Emergency Ambulance Services costs in any other manner authorized by law.



**SECTION VIII. Severability.** If any fee or provision of this ordinance is held invalid or unenforceable by a court of competent jurisdiction, that holding shall not affect the validity or enforceability of the remaining fees or provisions, and the Board declares that it would have adopted each remaining part of this ordinance irrespective of any such invalidity.

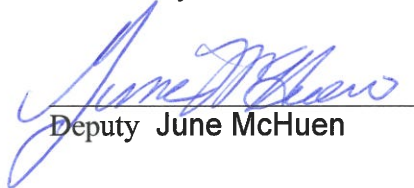
**SECTION IX. Effective Date.** This ordinance becomes effective on May 1, 2023. Within 15 days after its passage, this ordinance shall be published once with the names of the directors voting for and against it in the East Bay Times, a newspaper published in this County.

PASSED ON March 21 2023 by the following vote:

AYES: Gioia, Andersen, Burgis, Carlson, Glover  
NOES: None  
ABSENT: None  
ABSTAIN: None

ATTEST: MONICA NINO,  
Clerk of the Board of Supervisors  
and County Administrator

  
Board Chair John Gioia

By:   
Deputy June McHuen

[SEAL]

Exhibit A

**Emergency Ambulance Services Fee Calculation**

For each Emergency Ambulance Service call, District shall charge the patient the Emergency Ambulance Response Base Rate, plus mileage costs at the Mileage Rate. If oxygen is administered to a patient, District shall charge the patient the Oxygen Administration Charge, whether transported or not. If a patient is treated and refuses transport, District shall charge the Treat and Refused Transport rate.

1. Emergency Ambulance Response Base Rate..... \$2,868.68
2. Mileage Rate (for each mile traveled with a loaded patient) ..... \$69.34
3. Oxygen Administration Charge ..... \$240.46
4. Treat and Refused Transport ..... \$615.12

**ORDINANCE NO. 2023-08**  
(Uncodified)

COST RECOVERY ORDINANCE FOR EMERGENCY AMBULANCE SERVICES

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**SECTION I. Authority.** This ordinance is enacted pursuant to Health and Safety Code sections 13910 through 13919.

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- B. Under the Ambulance Contract, the District is required to employ all resources necessary to continuously provide Emergency Ambulance Services to persons in the Service Area 24 hours a day, every day, when requested by an emergency medical dispatch center.
- C. The District does not possess the infrastructure or personnel necessary to directly perform the Emergency Ambulance Services required under the Ambulance Contract. American Medical Response West (the “Ambulance Services Subcontractor”) provides Emergency Ambulance Services in the Service Area on the District’s behalf under a subcontract with the District (the “Ambulance Subcontract”).
- D. The District responds to a high volume of calls for Emergency Ambulance Services through its Ambulance Services Subcontractor, which deploys personnel to incidents and provides Emergency Ambulance Services treatment and transport to persons at those incidents.
- E. The Ambulance Contract sets the rates the District is authorized to charge for providing Emergency Ambulance Services. The District currently charges Emergency Ambulance Services patients the following amounts: (1) an Emergency Ambulance Response base rate of \$2,700.95; (2) a mileage rate (for each mile traveled with a loaded patient) of \$65.29 per mile; (3) an oxygen administration charge of \$226.40; and (4) a treat and refused transport charge (if applicable) of \$579.15.
- F. The Ambulance Contract requires the County, when requested by the District, to increase the previous rates by the greater of (i) and (ii):
  - (i) A percentage calculated as follows: The average Consumer Price Index, All Urban Consumers for Medical Care (U.S. city average) (1982-84=100) (“Medical CPI”) for the most recent and available three-year period, divided by the following: the average dollar amount received by the District from non-public payers for the most recent three-year billing period (excluding billings that are less than six (6) months old) divided by the

average dollar amount received by the District from all payers for the most recent three-year billing period (excluding billings that are less than six (6) months old). For example purposes only, if the average CPI for the most recent three-year period is 3%, and the average amount the District received from non-public payers for the most recent three-year period (excluding billings that are less than six (6) months old) is \$27,000,00, and the average dollar amount received by the District from all payers for the most recent three-year period (excluding billings that are less than six (6) months old) is \$47,000,000, then the percentage would be 5.22%, calculated as follows:  $.03/(\$27,000,000/\$47,000,000)$ .

- (ii) Five percent (5%),

Notwithstanding the foregoing, in no event shall the maximum increase exceed nine percent (9%).

- G. The Ambulance Subcontract requires the hourly rates paid by the District to the Ambulance Services Subcontractor to increase annually by the greater of (i) the percentage increase in CPI, and (ii) three percent (3%).
- H. The District has reasonably calculated its costs of providing Emergency Ambulance Services to persons at an incident. These costs include the District's costs of its Ambulance Services Subcontractor, the costs of its billing and collections subcontractor, and the cost of District staff to provide Emergency Ambulance Services on a per-patient basis. The Emergency Ambulance Services fees established by this ordinance are calculated based on the District's actual costs of providing Emergency Ambulance Services on a per-patient basis.

**SECTION III. Definitions.** For purposes of this ordinance, the following terms have the following meanings:

- (a) “ALS” means advanced life support emergency medical services designed to provide definitive prehospital emergency medical care that are administered by authorized personnel (i) under the direct supervision of a facility designated by Contra Costa County Emergency Medical Services Agency (“CCCEMSA”) pursuant to Health and Safety Code section 1798.100, or (ii) by utilizing approved prehospital treatment protocols or standing orders as part of the County EMS system, and which are administered at the scene of an emergency, during transport to an acute care hospital or other approved facility, during inter-facility transfers, and while in the emergency department of an acute care hospital until responsibility is assumed by the emergency department or other medical staff of that hospital. ALS may include, without limitation, cardiopulmonary resuscitation, cardiac monitoring, cardiac defibrillation, advanced airway management, intravenous therapy, administration of specified drugs, and other medicinal preparations, and other specified techniques and procedures.
- (b) “BLS” means basic life support emergency medical services including, but not limited to, emergency first aid and cardiopulmonary resuscitation medical care procedures which, as a minimum, include recognizing respiratory and cardiac arrest and starting proper application of cardiopulmonary resuscitation to maintain life without invasive techniques, unless authorized

by state law or regulation, until the victim may be transported or until ALS medical care is available.

- (c) “Emergency Ambulance Services” means emergency ambulance services involving the administration of ALS, BLS, or critical care transport, provided in response to 911 calls and/or requests for emergency medical services through a public safety agency where 911 calls are first received for a particular jurisdiction, or prehospital emergency calls received directly by the District.

#### **SECTION IV. Emergency Ambulance Services Fees.**

- (a) The Emergency Ambulance Services fees to recover the District’s actual costs of providing Emergency Ambulance Services to each patient are established in the amount specified in Exhibit A attached hereto and incorporated herein.
- (b) The Emergency Ambulance Services fees shall be charged to each person who receives District Emergency Ambulance Services during a single incident.
- (c) The District Board of Directors (the “Board”) may adjust the amount of the Emergency Ambulance Services fees established by this ordinance pursuant to Health and Safety Code section 13916.

#### **SECTION V. Fee Collection.**

- (a) If the District provides Emergency Ambulance Services to a person through its Ambulance Services Subcontractor, the Fire Chief, or designee, including the District’s Emergency Ambulance Services billing subcontractor, will send an invoice seeking payment of the Emergency Ambulance Services fees to the person, and to the insurance company that provides medical insurance coverage for the person (the “Insurer”) if the person or his or her representative has identified to the District or to its Ambulance Services Subcontractor the Insurer to which the invoice should be sent.
- (b) The Fire Chief, or designee, has approved and adopted policies and procedures for invoicing, billing, and receiving payments for each Emergency Ambulance Services fee charged under this ordinance. The policies and procedures include a process to discharge from accountability accounts that are not collectible.

**SECTION VI. No Effect on Emergency Ambulance Services.** This ordinance neither expands nor limits Emergency Ambulance Services. Nothing in this ordinance relieves the District from providing Emergency Ambulance Services. Emergency Ambulance Services will continue to be provided without regard to whether a person is insured by an Insurer, and without regard to whether a person has the ability to pay the Emergency Ambulance Services fees.

**SECTION VII. No Waiver of Other Means of Cost Recovery.** This ordinance does not preclude the District from recovering its Emergency Ambulance Services costs in any other manner authorized by law.

**SECTION VIII. Severability.** If any fee or provision of this ordinance is held invalid or unenforceable by a court of competent jurisdiction, that holding shall not affect the validity or enforceability of the remaining fees or provisions, and the Board declares that it would have adopted each remaining part of this ordinance irrespective of any such invalidity.

**SECTION IX. Effective Date.** This ordinance becomes effective on May 1, 2023. Within 15 days after its passage, this ordinance shall be published once with the names of the directors voting for and against it in the East Bay Times, a newspaper published in this County.

PASSED ON \_\_\_\_\_ by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST: MONICA NINO,  
Clerk of the Board of Supervisors  
and County Administrator

\_\_\_\_\_  
Board Chair

By: \_\_\_\_\_  
Deputy

[SEAL]

Exhibit A

**Emergency Ambulance Services Fee Calculation**

For each Emergency Ambulance Service call, District shall charge the patient the Emergency Ambulance Response Base Rate, plus mileage costs at the Mileage Rate. If oxygen is administered to a patient, District shall charge the patient the Oxygen Administration Charge, whether transported or not. If a patient is treated and refuses transport, District shall charge the Treat and Refused Transport rate.

1. Emergency Ambulance Response Base Rate .....	\$2,868.68
2. Mileage Rate (for each mile traveled with a loaded patient) .....	\$69.34
3. Oxygen Administration Charge .....	\$240.46
4. Treat and Refused Transport .....	\$615.12



Contra  
Costa  
County

To: Contra Costa County Fire Protection District Board of Directors  
From: Lewis T. Broschard III, Chief, Contra Costa Fire Protection District  
Date: March 21, 2023

Subject: Emergency Ambulance Service Rate Schedule Revision

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**RECOMMENDATION(S):**

1. OPEN the Public Hearing on Ordinance No. 2023-08, an ordinance authorizing the Contra Costa County Fire Protection District to increase its emergency ambulance service fees effective May 1, 2023.
2. RECEIVE testimony and CLOSE the public hearing.
3. ADOPT Ordinance No. 2023-08.

**FISCAL IMPACT:**

Revenue generating/cost recovery. This ordinance will allow the Contra Costa County Fire Protection District to recover the increased costs associated with the provision of emergency ambulance services in Emergency Response Areas (ERAs) 1, 2, and 5, within Contra Costa County, beginning May 1, 2023.

**BACKGROUND:**

The Emergency Ambulance Services contract (the "Ambulance Contract") between Contra Costa County and the Contra

- 
- APPROVE
  OTHER  
 RECOMMENDATION OF CNTY ADMINISTRATOR
  RECOMMENDATION OF BOARD COMMITTEE
- 

Action of Board On: **03/21/2023**  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

- AYE: John Gioia, Director  
 Candace Andersen, Director  
 Diane Burgis, Director  
 Ken Carlson, Director  
 Federal D. Glover, Director

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023  
 , County Administrator and Clerk of the Board of Supervisors

Contact: Lewis T. Broschard III, Fire Chief (925) 941-3300

By: June McHuen, Deputy

cc:



BACKGROUND: (CONT'D)

Costa County Fire Protection District (District) establishes the rates the District is authorized to charge for providing emergency ambulance services.

The District currently charges Emergency Ambulance Services patients the following amounts: Emergency Ambulance Response Base Rate of \$2,700.95; Mileage Rate of \$65.29 for each mile traveled with a loaded patient; Oxygen Administration Charge of \$226.40; and Treat and Refused Transport fee of \$579.15. The District is not authorized to charge more or less than the rates specified in the Emergency Ambulance Services contract. The current rates became effective May 1, 2022.

Ambulance system costs include, but are not limited to, payments to the District's subcontractor American Medical Response West (AMR); billing service provider payments; acquisition of ambulance vehicles and equipment; dispatcher wages and benefits; administrative wages and benefits; system software and hardware upgrades; consulting fees; banking fees; and other costs. The largest cost driver in the ambulance system is payments to AMR. These payments to AMR account for over 80% of system costs.

The Emergency Ambulance Services contract between the District and AMR (the "Ambulance Subcontract") establishes the hourly ambulance unit rates the District pays AMR for providing emergency ambulance services. The Ambulance Subcontract requires the hourly rates paid by the District to AMR to increase annually. Beginning May 1, 2021, and on each May 1 thereafter, the unit hour rates will increase will by the greater of (i) the percentage increase in CPI, and (ii) three percent (3%).

Factors that impact transport collections include transport volume, services provided (e.g., mileage and oxygen), payer mix, payment caps, and potential changes to the Affordable Care Act and other relevant legislation. Commercial payers will mainly pay the increased rates, while factors such as payment caps for Medicare and Medi-Cal will limit the transport collection for those payers. Therefore, in order for the AMR ambulance unit hour rate increase to be cost neutral, the rates charged by the District for ambulance services must increase by an amount greater than the CPI.

The Ambulance Contract requires the Contra Costa County EMS Agency to approve annual increases to the Service Rate Schedule when requested by the District. The Ambulance Contract allows for the preceding year's rates to be increased annually by the greater of five percent (5%), or the average CPI for the most recent and available three-year period, divided by the following: the average dollar amount received by the District from non-public payers for the most recent three-year billing period (excluding billings that are less than six months old) divided by the average dollar amount received by the District from all payers for the most recent three-year billing period (excluding billings that are less than six months old), provided that no such increase shall exceed nine percent (9%).

Applying a 6.21% increase to the Service Rate Schedule results in the following rates: Emergency Ambulance Response Base Rate of \$2,868.68; Mileage Rate of \$69.34 for each mile traveled with a loaded patient; Oxygen Administration Charge of \$240.46; and Treat and Refused Transport fee of \$615.12.

If approved by the District Board of Directors, Ordinance No. 2023-08 would increase the Emergency Ambulance Service Rate Schedule effective May 1, 2023, the same date as the scheduled AMR unit hour rate increase.

CONSEQUENCE OF NEGATIVE ACTION:

If Ordinance No. 2023-08 is not adopted, the District will not be able to recover the increased costs of providing emergency ambulance services under its contracts with the County and AMR.

CHILDREN'S IMPACT STATEMENT:

Approximately 10% of emergency medical service responses involve children under the age of 15.

CLERK'S ADDENDUM

**Speaker: Caller 1.**

AGENDA ATTACHMENTS

Ordinance 2023-08

MINUTES ATTACHMENTS

Signed Ordinance No. 2023-08



Contra  
Costa  
County

To: Contra Costa County Fire Protection District Board of Directors  
From: Lewis T. Broschard III, Chief, Contra Costa Fire Protection District  
Date: March 21, 2023

**Subject:** Amendment to Regional Hazardous Materials Response Training Reimbursement Agreement

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**RECOMMENDATION(S):**

APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a contract amendment with the California Governor's Office of Emergency Services to increase the payment limit by \$40,000 to a new payment limit of \$315,000, with no change to the term October 1, 2021 through June 30, 2024, to provide reimbursement of regional hazardous materials response training costs. (100% State)

**FISCAL IMPACT:**

100% State. If approved, the Fire District may receive up to an additional \$40,000 in reimbursements from the State for costs associated with hazardous materials response training.

**BACKGROUND:**

On November 9, 2021, the Board approved and authorized the Fire Chief, or designee, to execute an agreement with the California Governor's Office of Emergency Services (Cal OES) for the period of October 1, 2021 through June 30, 2024 for reimbursement of regional hazardous materials response training in an amount not to exceed \$100,000. Subsequently, Cal OES increased the budgeted amount to a maximum of \$275,000. The amendment for the increase was approved by the Board on September 13, 2022. This action is to approve and authorize the Fire Chief to execute a second amendment to the agreement to increase the maximum reimbursement amount to \$315,000.

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APPROVE

OTHER

RECOMMENDATION OF CNTY ADMINISTRATOR

RECOMMENDATION OF BOARD COMMITTEE

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Action of Board On: **03/21/2023**  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

AYE: John Gioia, Director  
Candace Andersen,  
Director  
Diane Burgis, Director  
Ken Carlson, Director  
Federal D. Glover, Director

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

Monica Nino, County Administrator and Clerk of the Board of Supervisors

Contact: Aaron McAlister, Deputy Fire Chief  
925-383-5003

By: June McHuen, Deputy

cc:

CONSEQUENCE OF NEGATIVE ACTION:

If this action is not approved, the Fire District will miss the opportunity to be reimbursed up to an additional \$40,000 or a total maximum amount of \$315,000.

To: Contra Costa County Fire Protection District Board of Directors  
 From: Lewis T. Broschard III, Chief, Contra Costa Fire Protection District  
 Date: March 21, 2023



Contra  
 Costa  
 County

**Subject:** License Agreement with the U.S. Department of the Navy for Use of the Naval Weapons Station in Concord

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**RECOMMENDATION(S):**

APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a license agreement with the United States of America, Department of the Navy, to use an approximately 80-acre portion of the former Concord Naval Weapon Station ("Premises") for public safety training purposes during the period April 18, 2023 through May 31, 2024. (No fiscal impact)

**FISCAL IMPACT:**

There is no cost associated with this action.

**BACKGROUND:**

The United States of America, Department of the Navy (Navy), owns the Marine Ocean Terminal Concord (MOTCO) administrative area on the former Concord Naval Weapons Station. The Contra Costa County Fire Protection District (District) and other agencies have used an approximately 80-acre area ("Premises") of the MOTCO administration area for public safety training purposes. District personnel have trained at this site for several years. In 2017 the District was awarded a Federal Emergency Management Agency (FEMA) Grant to acquire and install a live burn prop at the MOTCO site. This training prop provides valuable training to recruit academies as well as

APPROVE

OTHER

RECOMMENDATION OF CNTY ADMINISTRATOR

RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **03/21/2023**  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

AYE: John Gioia, Director  
 Candace Andersen,  
 Director  
 Diane Burgis, Director  
 Ken Carlson, Director  
 Federal D. Glover, Director

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

, County Administrator and Clerk of the Board of Supervisors

Contact: Aaron McAlister, Deputy Chief (925)  
 383-5003

By: June McHuen, Deputy

cc:

BACKGROUND: (CONT'D)

ongoing live fire training that is otherwise not available. The license agreement requires the District to indemnify and hold the Navy harmless for the District's activities under the license. Risk Management has reviewed the indemnity and insurance requirements and has confirmed that the requirements are acceptable. For these reasons, District staff recommend that the Board approve the execution of the license agreement with the United States.

CONSEQUENCE OF NEGATIVE ACTION:

The District will not be able to enter into an agreement with the Navy for use of the former Concord Naval Weapon Station's MOTCO facilities for public safety training.

**THE BOARD OF DIRECTORS OF THE CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT**

Adopted this Resolution on 03/21/2023 by the following vote:

**John Gioia**  
**Candace Andersen**  
**Diane Burgis**  
**Ken Carlson**  
**Federal D. Glover**

**AYE:**

**NO:**

**ABSENT:**

**ABSTAIN:**

**RECUSE:**



**Resolution No. 2023/1**

**In The Matter Of:** Salary Increases for Specified unrepresented classifications

The Contra Costa County Board of Supervisors acting in its capacity as the governing board of the County of Contra Costa and the Board of Directors of the Contra Costa County Fire Protection District **RESOLVES THAT:**

The base rate of pay for the classifications Fire Control Worker (RBW2), Reserve Firefighter (RBW1), Reserve Driver (RBV1), and Reserve Crew Leader (RBN1) are to be increased as follows:

- Effective March 1, 2023 5.0% increase
- Effective July 1, 2023 5.0% increase
- Effective July 1, 2024 5.0% increase
- Effective July 1, 2025 5.0% increase

Contact: David Sanford, Chief of Labor Relations,  
(925) 655-2070

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

**ATTESTED: March 21, 2023**  
County Administrator and Clerk of the Board of Supervisors

*June McHuen*  
By: June McHuen, Deputy

cc:

**THE BOARD OF DIRECTORS OF THE CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT**

Adopted this Resolution on 03/21/2023 by the following vote:

**John Gioia**  
**Candace Andersen**  
**Diane Burgis**  
**Ken Carlson**  
**Federal D. Glover**

**AYE:**

**NO:**

**ABSENT:**

**ABSTAIN:**

**RECUSE:**



**Resolution No. 2023/1**

**In The Matter Of:** Salary Increases for Specified unrepresented classifications

The Contra Costa County Board of Supervisors acting in its capacity as the governing board of the County of Contra Costa and the Board of Directors of the Contra Costa County Fire Protection District **RESOLVES THAT:**

The base rate of pay for the classifications Fire Control Worker (RBW2), Reserve Firefighter (RBW1), Reserve Driver (RBV1), and Reserve Crew Leader (RBN1) are to be increased as follows:

- Effective March 1, 2023 5.0% increase
- Effective July 1, 2023 5.0% increase
- Effective July 1, 2024 5.0% increase
- Effective July 1, 2025 5.0% increase

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

**Contact: David Sanford, Chief of Labor Relations,**  
**(925) 655-2070**

**ATTESTED: March 21, 2023**  
\_\_\_\_\_, County Administrator and Clerk of the Board of Supervisors

By: June McHuen, Deputy

**cc:**



Contra  
Costa  
County

To: Board of Supervisors  
From: Monica Nino, County Administrator  
Date: March 21, 2023

**Subject:** Salary Resolution No. 2023/1 Providing Salary Increases for Certain Unrepresented Employees

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**RECOMMENDATION(S):**

ADOPT Resolution No. 2023/1 to provide general salary increases for specified unrepresented classifications in the Contra Costa County Fire Protection District for the period of March 1, 2023 and beyond.

**FISCAL IMPACT:**

The estimated annual cost of the wage increases are \$70,000 for FY 22-23, \$166,000 for FY 23-24, \$174,000 FY24-25, and \$182,000 FY25-26.

**BACKGROUND:**

Historically, the wages and benefits granted by the County to its unrepresented employees have paralleled the wages and benefits negotiated by the County with its various labor organizations. On August 16, 2022 the Board of Supervisors adopted Resolution No. 2022/278, which provided salary increases to certain Management, Exempt, and Unrepresented employees. The four unrepresented District classifications below were inadvertently excluded from the Resolution.

APPROVE

OTHER

RECOMMENDATION OF CNTY ADMINISTRATOR

RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **03/21/2023**  APPROVED AS RECOMMENDED  OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

AYE: John Gioia, Director  
Candace Andersen,  
Director  
Diane Burgis, Director  
Ken Carlson, Director  
Federal D. Glover, Director

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

, County Administrator and Clerk of the Board of Supervisors

Contact: David Sanford, Chief of Labor Relations, (925) 655-2070

By: June McHuen, Deputy

cc:



BACKGROUND: (CONT'D)

The following summarizes Resolution No. 2023/1, which modifies wages for certain unrepresented employees:  
The base rate of pay for the classifications Fire Control Worker (RBW2), Reserve Firefighter (RBW1), Reserve Driver (RBV1), and Reserve Crew Leader (RBN1) are to be increased as follows:

- Effective March 1, 2023 5.0% increase
- Effective July 1, 2023 5.0% increase
- Effective July 1, 2024 5.0% increase
- Effective July 1, 2025 5.0% increase

CONSEQUENCE OF NEGATIVE ACTION:

The County could be detrimentally impacted by the potential loss of, and experience difficulty recruiting and retaining, personnel.

AGENDA ATTACHMENTS

Resolution 2023/1

MINUTES ATTACHMENTS

Signed Resolution No. 2023/1