

Cameron Park Community Services District
2502 Country Club Drive
Cameron Park, CA 95682



Fire & Emergency Services Committee
Tuesday, November 7, 2023
5:30 p.m.

Cameron Park Community Center – Social Room

2502 Country Club Drive
Cameron Park, CA 95682

Agenda

Members: Director Eric Aiston (EA) & Director Dawn Wolfson (DW)
Alternate, Director Tim Israel (TI)

Staff: Interim General Manager Jill Ritzman, Chief Dusty Martin

CALL TO ORDER

ROLL CALL

Public testimony will be received on each agenda item as it is called. Principal party on each side of an issue is allocated 10 minutes to speak, individual comments are limited to 3 minutes except with the consent of the Committee; individuals shall be allowed to speak on an item only once. Members of the audience are asked to volunteer their name before addressing the Committee. The Committee reserves the right to waive said rules by a majority vote.

ADOPTION OF AGENDA

APPROVAL OF CONFORMED AGENDA

Conformed Agenda- October 3, 2023

OPEN FORUM

Members of the public may speak on any item not on the agenda that falls within the responsibilities of the Committee.

DEPARTMENT MATTERS

1. De-Commission, Surplus Fire Engine 389 (D. Martin, K. Richards)

STAFF REPORTS

2. Department Report for July 2023 (K. Richards)
3. Fire Prevention update for July 2023 (K. Richards)

ITEMS FOR FUTURE COMMITTEE AGENDAS

- 5 Year Facility Maintenance & Repairs
- Fire Marshal Fees (December)

ITEMS TO TAKE TO THE BOARD OF DIRECTORS

-

MATTERS TO AND FROM COMMITTEE MEMBERS & STAFF

ADJOURNMENT

Cameron Park Community Services District
2502 Country Club Drive
Cameron Park, CA 95682



Fire & Emergency Services Committee
Tuesday, October 3, 2023
5:30 p.m.

Cameron Park Community Center – Social Room

2502 Country Club Drive
Cameron Park, CA 95682

Conformed Agenda

Members: Director Eric Aiston (EA) & Director Dawn Wolfson (DW)
Alternate, Director Tim Israel (TI)

Staff: Interim General Manager Jill Ritzman, Chief Dusty Martin

CALL TO ORDER 5:32

ROLL CALL EA/DW

Public testimony will be received on each agenda item as it is called. Principal party on each side of an issue is allocated 10 minutes to speak, individual comments are limited to 3 minutes except with the consent of the Committee; individuals shall be allowed to speak on an item only once. Members of the audience are asked to volunteer their name before addressing the Committee. The Committee reserves the right to waive said rules by a majority vote.

ADOPTION OF AGENDA DW motions to move Staff Report items #3 and #4 before Department Matters items #1 and #2. EA agrees. Motion passes.

APPROVAL OF CONFORMED AGENDA DW/EA

OPEN FORUM

Members of the public may speak on any item not on the agenda that falls within the responsibilities of the Committee.

DEPARTMENT MATTERS

1. Apparatus and Vehicle Maintenance (oral report, D. Martin and K. Richards)
2. Facility Maintenance (oral report, D. Martin and K. Richards)

STAFF REPORTS

3. Department Report for July 2023 (K. Richards)
4. Fire Prevention update for July 2023 (K. Richards)

ITEMS FOR FUTURE COMMITTEE AGENDAS

- *Surplus Fire Apparatus 389*
- *5 Year Plan for Facility Maintenance & Repairs*

ITEMS TO TAKE TO THE BOARD OF DIRECTORS

-

MATTERS TO AND FROM COMMITTEE MEMBERS & STAFF

ADJOURNMENT 6:32



Agenda Transmittal

DATE: November 7th, 2023

FROM: Dusty Martin, Fire Chief

AGENDA ITEM #1: De-Commission and Surplus Type III Engine - E389

RECOMMENDED ACTION: Discuss and Forward to the Board

Introduction

The Cameron Park Fire Department is dedicated to maintaining a fleet of dependable Fire Engines that are readily available for emergency response within our community and play a vital role in offering regional wildland fire protection. Fire apparatus, by necessity, must surpass the standards set for commercial and private vehicles to guarantee the safety of the public in our district. Currently, Cameron Park operates two Type III engines, one of which has served for 22 years and no longer meets the stringent criteria for optimal response capability and reliability.

Background

Engine 389 (E389), our current Type III Engine, is now celebrating its 22nd year of dedicated service, accompanied by an impressive mileage of 81,400 miles. A notable consideration here is the strong recommendation by the National Fire Protection Agency (NFPA) to retire frontline engines within a 10-15 year timeframe. Embracing these NFPA standards brings forth a host of advantages, encompassing the reduction in downtime for maintenance, the integration of cutting-edge safety features, and an overall improvement in operational efficiency. Sadly, Engine 389 has surpassed the recommended replacement standard, presenting us with several notable challenges. One of these challenges is the increasing difficulty in sourcing replacement parts, which has resulted in frequent periods of unavailability as the engine awaits essential repairs. Just this year, E389 has been out of service due to mechanical issues, with parts requiring custom fabrication. It's imperative to underscore that when the engine is out of service, it cannot be made available under a Rental Agreement, substantially impeding our response capabilities. Furthermore, our unwavering commitment to safety is paramount, and Engine 389 lacks modern safety features, including airbags. For further insights, please refer to Table 1, illustrating the NFPA's proposed replacement schedule.

Table1: proposed replacement schedule per NFPA standards:

Engine	Type	Year purchased	Replacement year (front line)	25-year Replacement Schedule(reserve)	10-year replacement date
E389	III	2001	2016	2026	2011
E289	I	2006	2021	2031	2016
E288	I	2006	2021	2031	2016
E388	III	2011	2026	2036	2021
E89	I	2015	2030	2040	2025
E88	I	2020	2035	2045	2030

Discussion

Useful life Definition

The fire service relies on the National Fire Protection Association (NFPA) standards, specifically NFPA 1901, when it comes to regulations pertaining to fire apparatus. According to the NFPA 1901 Standard (2016 Edition) and its Annex D Guidelines for First Line and Reserve Fire Apparatus, there are clear guidelines for the expected useful life of front-line engines, typically ranging from 10 to 15 years. In contrast, front-line trucks are expected to serve for a minimum of 15 years. Once an apparatus has completed its front-line service, it can be retained in the reserve fleet until it reaches a maximum age of 25 years.

The NFPA underscores the importance of outfitting fire apparatus with the latest safety features and operational capabilities to maximize firefighter effectiveness and minimize the risk of injuries. Over the past decade to 15 years, significant advancements have been made in enhancing the functional capabilities and safety features of fire apparatus. Apparatus that are over 15 years old may lack many of the essential safety upgrades mandated by the latest editions of NFPA fire department apparatus standards. Given the substantial changes, upgrades, and fine-tuning in NFPA 1901, particularly in the realm of safety, fire departments are encouraged to carefully evaluate the benefits and potential risks to firefighters associated with retaining fire apparatus in first-line service for more than 15 years.

It is universally acknowledged that fire apparatus, like all mechanical devices, have a finite lifespan. The duration of this lifespan is contingent on several factors, including vehicle mileage, engine hours, the quality of preventative maintenance programs, the caliber of driver training programs, adherence to rules and guidelines, whether the vehicle was used within its design parameters, whether the fire apparatus was constructed on a custom or commercial chassis, the quality of workmanship by the original manufacturer, the quality of components used, and the availability of replacement parts, among other considerations.

Engine down time

The financial implications of engine maintenance extend beyond the immediate repair costs. While some maintenance expenses are partially alleviated through the use of CAL FIRE Amador - El Dorado Unit mechanics, it's important to acknowledge the complexity of accurately tracking the overall cost of these arrangements. In many cases, CAL FIRE mechanics are compensated based on straight-time wages, which may not fully reflect the complete cost of repairs for the district. Moreover, as the CAL FIRE AEU fleet continues to expand, and the demands for winter maintenance increase, there is a legitimate concern that CAL FIRE may encounter challenges in maintaining the historical level of mechanic support. This could necessitate the engagement of external companies to handle the maintenance and repair of the Cameron Park Fire Department's fleet.

E389 Maintenance Costs	
FY 22/23	FY 23/24
\$1,854.85	\$8,486.69



Cameron Park
Community Services District

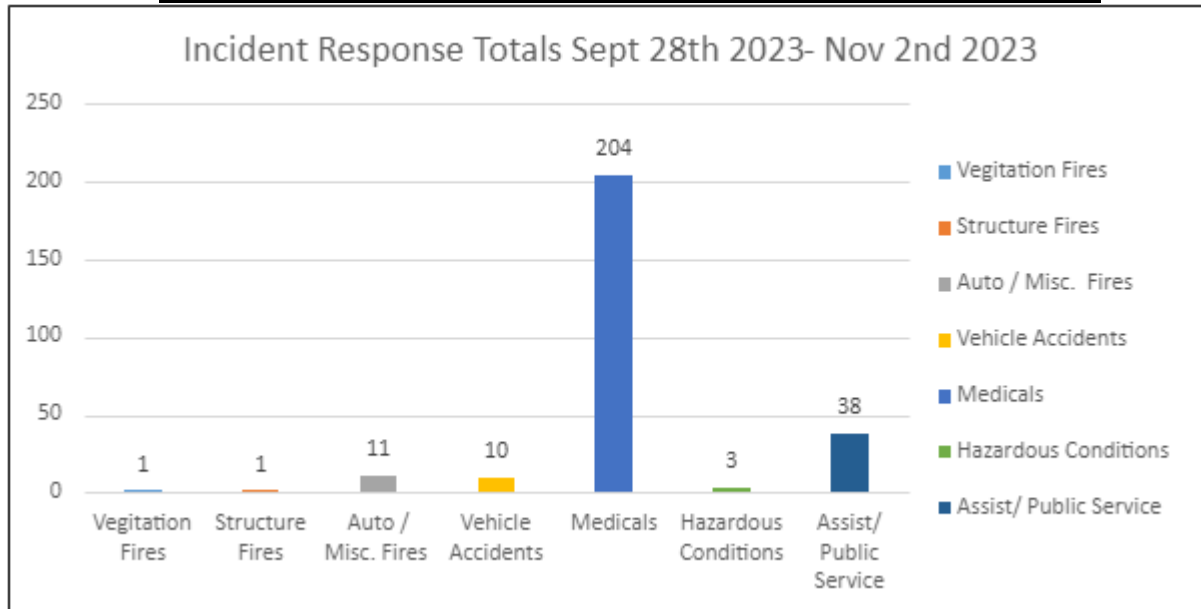


Agenda Transmittal

Date: November 7th, 2023
From: Kalan Richards, Battalion Chief
Agenda Item #2: Fire Department Report

Recommended Action: Receive and File

Cameron Park Fire Department Incident Totals



Total Incident Count Comparatives:

Monthly	September 2023	October 2023	Increase
	218	268	22%
Yearly	October 2022	October 2023	Decrease
	376	268	28.7%
YTD	YTD 2022	YTD 2023	Decrease
	3058	2555	16.5%

FY 23/24 Batt 5 Vehicle Maint. Per Apparatus

<u>E89</u>	\$1,252.77
<u>E88</u>	\$26.20
<u>E289</u>	
<u>E288</u>	\$6,805.51
<u>E389</u>	\$8,486.69
<u>E388</u>	\$9,307.44
<u>B2705</u>	\$4,699.90
<u>B2715</u>	
<u>U89</u>	
<u>U88</u>	
<u>U289</u>	\$79.48
<u>Mech. Time</u>	
<u>Misc</u>	\$292.50
<u>Total</u>	\$30,950.49

Rental Income for Engines at Cameron Park
FY 23/24

E89	E88	E288	E289	E388	E389	U89/289 /88	B2705/ 2715	OES T/F	Total
				8097.92		2514.60		65015.23	
				8097.90		2514.60		65015.23	75627.73

Cameron Park Fire Department Operations and Administration Report

On October 10, 2023, E88 and M89 were dispatched to reports of a person with chest pain. Upon arrival at the scene, they found a 45-year-old male unconscious on the living room floor, exhibiting agonal respirations. Immediate chest compressions were initiated, and the E88 paramedic promptly requested a second engine. The team adhered to ACLS El Dorado County protocols throughout the response. The patient received defibrillation (shocks) three times to address changes in cardiac rhythm and was administered the appropriate life-saving cardiac medications. Return of spontaneous circulation (ROSC) was achieved on the scene, indicating that the patient's heart began to beat on its own again. The patient was transferred to a gurney and then to the ambulance for Code 3 transport to the nearest medical facility. Upon arrival at the Emergency Department, the patient was breathing on his own and had a pulse.



Cameron Park
Community Services District



Agenda Transmittal

Date: November 7th, 2023
From: Kalan Richards, Fire Marshal
Agenda Item #3: Fire Prevention Report
Recommended Action: Receive and File

Cameron Park Fire Prevention Inspections

<i>Monthly Totals – Oct 2023</i>		
<i>Inspection Hours</i>	<i>Total Violations</i>	<i>Corrected Violations</i>
68	36	28

Cameron Park Fire Department Prevention Report

- We are in the midst of recruiting an administrative assistant/permit technician. This strategic addition to our team will play a crucial role in streamlining workflow tracking, facilitating billing processes, and improving communication between CSG, the fire department, and project applicants. This investment in administrative support will further reinforce our ability to deliver service and project management to the public.