

CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

**BOARD CHAMBERS ROOM 107, ADMINISTRATION BUILDING, 651 PINE STREET
MARTINEZ, CALIFORNIA 94553-1229**

CANDACE ANDERSEN, CHAIR
MARY N. PIEPHO, VICE CHAIR
JOHN GIOIA
KAREN MITCHOFF
FEDERAL D. GLOVER

DAVID J. TWA, CLERK OF THE BOARD AND COUNTY ADMINISTRATOR, (925) 335-1900
JEFF CARMAN, FIRE CHIEF

PERSONS WHO WISH TO ADDRESS THE BOARD DURING PUBLIC COMMENT OR WITH RESPECT TO AN ITEM THAT IS ON THE AGENDA, WILL BE LIMITED TO THREE (3) MINUTES.

The Board Chair may reduce the amount of time allotted per speaker at the beginning of each item or public comment period depending on the number of speakers and the business of the day.
Your patience is appreciated.

A 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 on line at www.co.contra-costa.ca.us.

AGENDA
June 14, 2016

1:30 P.M. Convene and call to order.

CONSIDER CONSENT ITEMS (Items listed as C.1 through C.1 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.**

PRESENTATIONS

- PR.1** PRESENTATION on the capabilities of the combined fire and ambulance dispatch center. (Lon Goetsch, Assistant Fire Chief)
- PR.2** PRESENTATION for ceremonial badge pinning of Fire District Dispatchers Brooke Adams, Mary Enea, and Nicki Impastato. (Jeff Carman, Fire Chief)
- PR.3** ADOPT Resolution No. 2016/1 honoring Ross Wilson for 30 years of service as a Paramedic with American Medical Response, as recommended by the Fire Chief. (Jeff Carman, Fire Chief)

DISCUSSION ITEMS

D. 1 CONSIDER Consent Items previously removed.

D. 2 PUBLIC COMMENT (3 Minutes/Speaker)

D.3 CONSIDER accepting a report from the Fire Chief providing a status summary for ongoing Fire District activities and initiatives. (Jeff Carman, Fire Chief)

CONSENT ITEMS

C.1 APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a Consulting Services Agreement with Loving Campos Associates, Architects, Inc., in an amount not to exceed \$455,913, to provide architectural services for new Fire Station No. 16 at 4007 Los Arabis Road in Lafayette. (Budgeted; 100% CCCFPD Capital Outlay Fund)

GENERAL INFORMATION

The Board meets in its capacity as the Board of Directors of the Contra Costa County Fire Protection District pursuant to Ordinance Code Section 24-2.402. Persons who wish to address the Board of Directors should complete the form provided for that purpose and furnish a copy of any written statement to the Clerk.

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 Directors less than 72 hours prior to that meeting are available for public inspection at 651 Pine Street, First Floor, Room 106, Martinez, CA 94553, during normal business hours. All matters listed under CONSENT ITEMS are considered by the Board of Directors 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 or a member of the public prior to the time the Commission votes on the motion to adopt. Persons who wish to speak on matters set for PUBLIC HEARINGS will be heard when the Chair calls for comments from those persons who are in support thereof or in opposition thereto. After persons have spoken, 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 Directors can be submitted to the office of the Clerk of the Board via mail: Contra Costa County Fire Protection District Board of Directors, 651 Pine Street Room 106, Martinez, CA 94553; by fax: 925-335-1913.

The District 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) 335-1900; TDD (925) 335-1915. An assistive listening device is available from the Clerk, Room 106. Copies of recordings of all or portions of a Board meeting may be purchased from the Clerk of the Board. Please telephone the Office of the Clerk of the Board, (925) 335-1900, to make the necessary arrangements. Applications for personal subscriptions to the Board Agenda may be obtained by calling the Office of the Clerk of the Board, (925) 335-1900. The Board of Directors' agenda and meeting materials are available for inspection at least 96 hours prior to each meeting at the Office of the Clerk of the Board, 651 Pine Street, Room 106, Martinez, California.

Subscribe to receive to the weekly Board Agenda by calling the Office of the Clerk of the Board, (925) 335-1900 or using the County's on line subscription feature at the County's Internet Web Page, where agendas and supporting information may also be viewed:

www.co.contra-costa.ca.us

ADVISORY COMMISSION

The Contra Costa County Fire Protection District Advisory Fire Commission is scheduled to meet next on Monday, August 8, 2016 at 7:00 p.m. at the District Training Center, 2945 Treat Blvd., Concord, CA 94518.

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

Glossary of Acronyms, Abbreviations, and other Terms (in alphabetical order):

The Contra Costa County Fire Protection District has a policy of making limited use of acronyms, abbreviations, and industry-specific language in its Board of Supervisors meetings and written materials. Following is a list of commonly used language that may appear in oral presentations and written materials associated with Board meetings:

AB Assembly Bill
ABAG Association of Bay Area Governments
ACA Assembly Constitutional Amendment
ADA Americans with Disabilities Act of 1990
AFSCME American Federation of State County and Municipal Employees
ARRA American Recovery & Reinvestment Act of 2009
BAAQMD Bay Area Air Quality Management District
BART Bay Area Rapid Transit District
BayRICS Bay Area Regional Interoperable Communications System
BGO Better Government Ordinance
BOC Board of Commissioners
CALTRANS California Department of Transportation
CAER Community Awareness Emergency Response
CAL-EMA California Emergency Management Agency
CAO County Administrative Officer or Office
CBC California Building Code
CCCPCD (ConFire) Contra Costa County Fire Protection District
CCHP Contra Costa Health Plan
CCTA Contra Costa Transportation Authority
CCRMC Contra Costa Regional Medical Center
CCWD Contra Costa Water District
CFC California Fire Code
CFDA Catalog of Federal Domestic Assistance
CEQA California Environmental Quality Act
CIO Chief Information Officer
COLA Cost of living adjustment
ConFire (CCCPCD) Contra Costa County Fire Protection District

CPA Certified Public Accountant
CPF – California Professional Firefighters
CPI Consumer Price Index
CSA County Service Area
CSAC California State Association of Counties
CTC California Transportation Commission
dba doing business as
EBMUD East Bay Municipal Utility District
ECCFPD East Contra Costa Fire Protection District
EIR Environmental Impact Report
EIS Environmental Impact Statement
EMCC Emergency Medical Care Committee
EMS Emergency Medical Services
et al. et alii (and others)
FAA Federal Aviation Administration
FEMA Federal Emergency Management Agency
FTE Full Time Equivalent
FY Fiscal Year
GIS Geographic Information System
HCD (State Dept of) Housing & Community Development
HHS (State Dept of) Health and Human Services
HOV High Occupancy Vehicle
HR Human Resources
HUD United States Department of Housing and Urban Development
IAFF International Association of Firefighters
ICC International Code Council
IFC International Fire Code
Inc. Incorporated
IOC Internal Operations Committee
ISO Industrial Safety Ordinance
JPA Joint (exercise of) Powers Authority or Agreement
Lamorinda Lafayette-Moraga-Orinda Area
LAFCo Local Agency Formation Commission
LLC Limited Liability Company
LLP Limited Liability Partnership
Local 1 Public Employees Union Local 1
Local 1230 Contra Costa County Professional Firefighters Local 1230
MAC Municipal Advisory Council
MBE Minority Business Enterprise
MIS Management Information System
MOE Maintenance of Effort
MOU Memorandum of Understanding
MTC Metropolitan Transportation Commission
NACo National Association of Counties
NEPA National Environmental Policy Act
NFPA National Fire Protection Association
OES-EOC Office of Emergency Services-Emergency Operations Center
OPEB Other Post Employment Benefits

OSHA Occupational Safety and Health Administration
PARS Public Agencies Retirement Services
PEPRA Public Employees Pension Reform Act
RFI Request For Information
RFP Request For Proposal
RFQ Request For Qualifications
SB Senate Bill
SBE Small Business Enterprise
SEIU Service Employees International Union
SUASI Super Urban Area Security Initiative
SWAT Southwest Area Transportation Committee
TRANSPAC Transportation Partnership & Cooperation (Central)
TRANSPLAN Transportation Planning Committee (East County)
TRE or **TTE** Trustee
TWIC Transportation, Water and Infrastructure Committee
UASI Urban Area Security Initiative
UCOA United Chief Officers Association
vs. versus (against)
WAN Wide Area Network
WBE Women Business Enterprise
WCCTAC West Contra Costa Transportation Advisory Committee



Contra
Costa
County

To: Contra Costa County Fire Protection District Board of Directors
From: Jeff Carman, Chief, Contra Costa County Fire Protection District
Date: June 14, 2016

Subject: Capabilities of the Combined Fire and Ambulance Dispatch Center

RECOMMENDATION(S):

PRESENTATION on the capabilities of the combined fire and ambulance dispatch center.

FISCAL IMPACT:

No fiscal impact. Presentation only.

BACKGROUND:

Effective February 1, 2016, Contra Costa County Fire Protection District began operating a consolidated Fire-Rescue-Ambulance dispatch center. This presentation will outline some of the benefits of bringing the dispatch centers together to better serve our communities and support our field personnel.

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD
COMMITTEE

Action of Board On: **06/14/2016** ☐ 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: June 14, 2016

Contact: Lon Goetsch, Asst Fire Chief
(925) 941-3502

David J. Twa, County Administrator and Clerk of the Board of Supervisors

By: , Deputy

cc: Timothy Ewell, Senior Deputy County Administrator

ATTACHMENTS

Combined

ConFire/ConEMS



ConFIRE/ConEMS COMMUNICATIONS CENTER OPERATIONS

COMBINED DISPATCH CENTER

- The Contra Costa Regional Communications Center (ConFire/ConEMS) answers over 80,000 total emergency calls per year that require a response. Over 80% of the responses are EMS-related and require an ambulance.

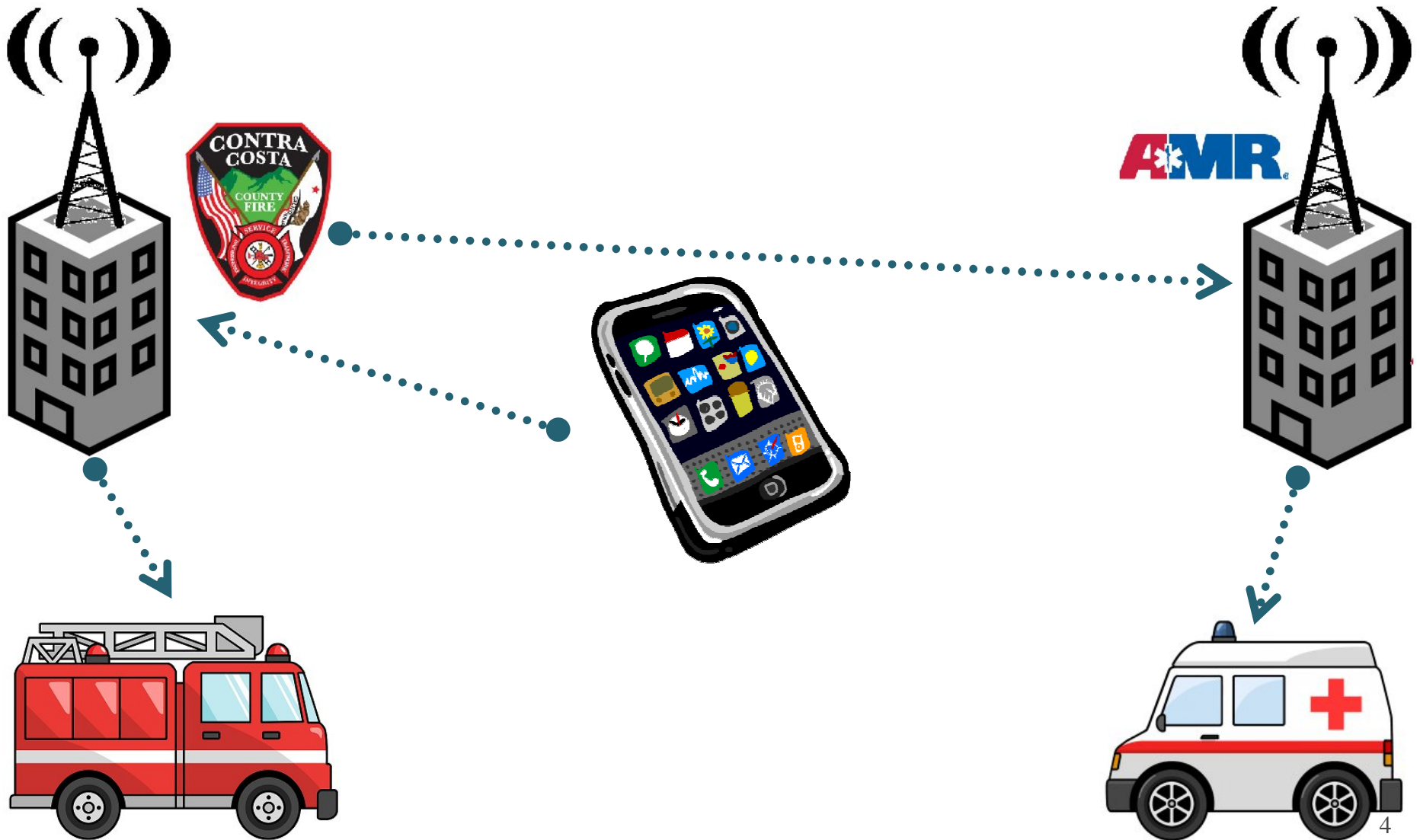
Year	Total Calls	EMS Calls
2014	79,386	66,142 (83.3%)
2015	85,858	71,877 (83.7%)
2016	41,162 <i>to 5/27</i>	35,995 (87.4%) <i>to 5/27</i>

- The call figures above represent all calls dispatched by the communications center including ambulance-only responses.
- **As an agency, the Fire District responds to a higher percentage of fire and rescue emergencies; EMS responses are approximately 75% of total responses.**

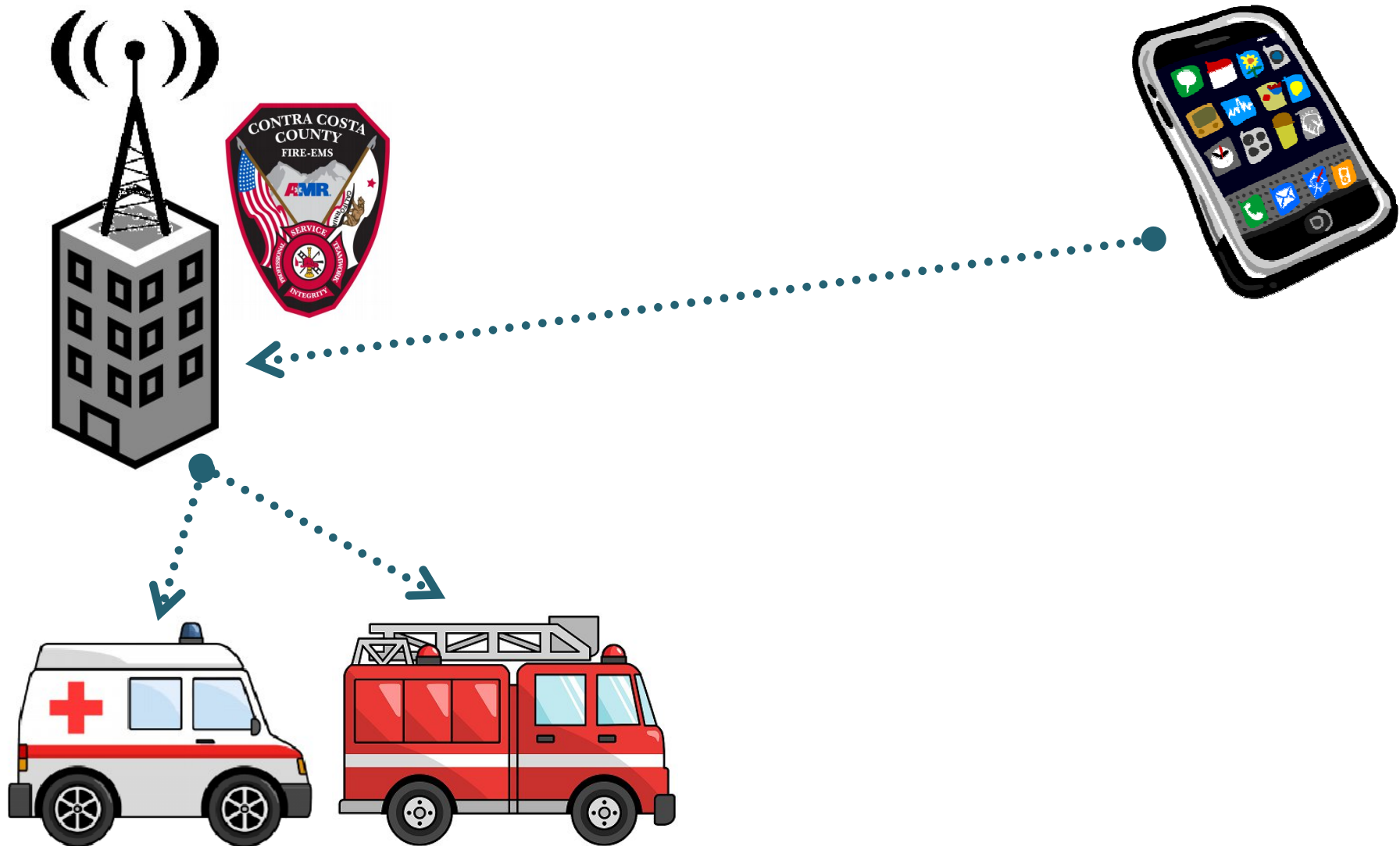
COMBINED DISPATCH CENTER

- Prior to the February 1 transition, the Fire and Ambulance Dispatch Centers were physically separate and managed on different radio and computer systems.
- The transition effectively moved the operations of American Medical Response-Sacramento dispatch into the Contra Costa Regional Communications Center.
- Our Computer-Aided Dispatch and Radio Systems are now fully integrated.
- ConEMS dispatch includes three 24-hour EMS Dispatchers (AMR employees).

OLD SYSTEM EMERGENCY CALL RESPONSE



NEW SYSTEM EMERGENCY CALL RESPONSE



BENEFITS

- Improved communications within the Dispatch center.
- Improved communications and situational awareness for field units.
- Improved response times and dynamic unit recommendations.
 - Medic Units are tracked by GPS to ensure the closest unit is directed to the emergency call.

BENEFITS

- Medic Units are dispatched simultaneously with Fire District Paramedics on the same radio channel.
- Medic Units are equipped with Mobile Data Terminals, Smart Phones, and Pagers that are linked directly to the Computer-Aided Dispatch System. These systems alert our Paramedics and provide them with critical information as it is relayed over the radio.



THE #1 BENEFIT

Improved service to the citizens of Contra Costa County



Thank You



Contra
Costa
County

To: Contra Costa County Fire Protection District Board of Directors
From: Jeff Carman, Chief, Contra Costa County Fire Protection District
Date: June 14, 2016

Subject: Badge Pinning of Fire District Dispatchers

RECOMMENDATION(S):

PRESENTATION for ceremonial badge pinning of Fire District Dispatchers Brooke Adams, Mary Enea, and Nicki Impastato.

FISCAL IMPACT:

No fiscal impact. Presentation only.

BACKGROUND:

The Contra Costa Regional Fire Communications Center (CCRFCC) provides dispatch service to the majority of Contra Costa County. In 2015 CCRFCC dispatched 85,858 calls for emergency service. Dispatchers are a critical link in the survival chain, providing guidance and instruction to callers awaiting the on-scene arrival of fire engines and ambulances. The three most recent additions to the dispatch staff are contributing to the Contra Costa County Fire Protection District's efforts to improve services while continuing to successfully address the steadily increasing number of emergency calls received.

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD
COMMITTEE

Action of Board On: **06/14/2016** ☐ APPROVED AS RECOMMENDED ☐ OTHER

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ATTESTED: June 14, 2016

Contact: Jeff Carman, Fire Chief
925-941-3500

David J. Twa, County Administrator and Clerk of the Board of Supervisors

By: , Deputy

cc: Timothy Ewell, Senior Deputy County Administrator



Contra
Costa
County

To: Contra Costa County Fire Protection District Board of Directors
 From: Jeff Carman, Chief, Contra Costa County Fire Protection District
 Date: June 14, 2016

Subject: Honoring Ross Wilson for 30 Years of Service with American Medical Response

RECOMMENDATION(S):

ADOPT Resolution No. 2016/1 honoring Ross Wilson for 30 years of service as a Paramedic with American Medical Response, as recommended by the Fire Chief.

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD
COMMITTEE

Action of Board On: **06/14/2016** ☐ APPROVED AS RECOMMENDED ☐ OTHER

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ATTESTED: June 14, 2016

Contact: Jeff Carman, Fire Chief
925-941-3500

David J. Twa, County Administrator and Clerk of the Board of Supervisors

By: , Deputy

cc:

ATTACHMENTS

Resolution No.

2016/1

*The Board of Directors of the
Contra Costa County Fire Protection District*

In the matter of:

Resolution No. 2016/1

Honoring Ross Wilson for 30 years of service with American Medical Response.

WHEREAS, Ross Wilson began his EMS career in 1986 as both Emergency Medical Technician and Emergency Dispatcher with Solano Ambulance Company which was subsequently acquired by American Medical Response; and
WHEREAS, Ross Wilson served as the Lead Field Training Officer from 1998 - 2000 and was instrumental in the implementation of the "Safe Sharp Program," promoting the proper disposal of sharps; and
WHEREAS, Ross Wilson also served as a volunteer Firefighter in the city of Suisun; and
WHEREAS, Ross Wilson transitioned in 2000 to American Medical Response Contra Costa and continued his career as an Emergency Medical Technician; and
WHEREAS, Ross Wilson attended Paramedic training in 2006 at NCTI Hercules, and, upon completion, returned to American Medical Response Contra Costa where he continues to work; and
WHEREAS, Ross Wilson currently staffs a unit deployed from West County, works as a Preceptor, and was recently promoted to the position of Alternate Supervisor; and
WHEREAS, Ross Wilson continues to serve the citizens of Contra Costa County, providing world-class emergency services while working with the Contra Costa County Fire Protection District under the Alliance agreement with American Medical Response.

that the Contra Costa County Fire Protection District Board of Directors thanks and honors Ross Wilson for thirty years of dedicated service to the citizens of Contra Costa County.

CANDACE ANDERSEN

Chair,
District II Supervisor

JOHN GIOIA
District I Supervisor

MARY N. PIEPHO
District III Supervisor

KAREN MITCHOFF
District IV Supervisor

FEDERAL D. GLOVER
District V Supervisor

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and entered on the minutes of the Board of Supervisors on the date
shown.

ATTESTED: June 14, 2016

David J. Twa,

By: _____, Deputy



Contra
Costa
County

To: Contra Costa County Fire Protection District Board of Directors
From: Jeff Carman, Chief, Contra Costa County Fire Protection District
Date: June 14, 2016

Subject: Fire Chief's Report - June 14, 2016

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.

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD
COMMITTEE

Action of Board On: **06/14/2016** ☐ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

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ATTESTED: June 14, 2016

Contact: Jeff Carman, Fire Chief
925-941-3500

David J. Twa, County Administrator and Clerk of the Board of Supervisors

By: , Deputy

cc: Timothy Ewell, Senior Deputy County Administrator

ATTACHMENTS

Fire Chief's Report _June
2016

Contra Costa County



Fire Protection District

June 14, 2016

TO: Board of Directors

FROM: Jeff Carman, Fire Chief

RE: Fire Chief's Report

-
- The District continues to work with the City of Pinole and the Rodeo Hercules Fire District on a proposal for CCCFPD to provide administrative oversight to both agencies. The intended goal is alignment of the three agencies which should bring about safer and more efficient operations. Both agencies have appointed special committees, we have met with them separately and jointly, and our next meeting is scheduled for June 13. At the next meeting, the viability of the concept should be determined.
 - On May 16, the District placed six (6) mechanical compression devices on apparatus in the field in an effort to improve the quality of CPR and increase the number of lives saved. The mechanical compression devices provide consistent, uninterrupted cardiac compressions to patients requiring CPR which, in turn, frees personnel to perform other medical treatment and provides for a safer environment. Since we deployed the devices, five (5) cardiac arrest victims have experienced a return of spontaneous pulse and blood pressure.
 - The Fire District is already feeling the effects of summer. Call volume has increased along with call complexity. In the last month, there have been multiple structure fires in the District, many of which required a second alarm or greater. These fires have resulted in numerous injuries to civilians and firefighters, and one civilian fatality. In addition, we have utilized our fire boat and the Sheriff's helicopter to rescue multiple victims from otherwise inaccessible areas of the delta/bay and open space near Mt. Diablo.
 - The ambulance transport program continues to meet and exceed our projections. Field personnel are working well together, our communications center consolidation is improving daily, and response times continue to improve. The relationship between the EMS agency and the Fire District is strong, and communications between all agencies is the best I have ever seen. We are working on additional opportunities to be more efficient and provide even better pre-hospital care, including opportunities at major social events throughout the county and emergency inter-facility transportation.

- Fire season is here. The rain we received this winter did help with the drought and the ongoing fire danger, but it also produced numerous thick, tall fuels which have already begun to dry out and burn. As the Fourth of July approaches, we will undoubtedly see a significant increase in wildfires and fireworks-related injuries. We urge all of our citizens to be careful; clear dry fuels away from buildings; refrain from using fireworks; and, rather than using fireworks, enjoy the public displays located throughout the county.
- Last month, the Fire District and the City of Lafayette held a public meeting to discuss the design of Fire Station 16 in Lafayette. There was good public turnout, and the input was mostly positive. We continue to move forward on this project and anticipate the station will be operational in 18-24 months.
- Fire Station 70 plans continue to progress. The site is currently under a variety of reviews by local agencies and legal counsel. After we receive all of the necessary information, we will begin to work on a design concept that will comply with the lot requirements. As a reminder, the City of San Pablo has agreed to pay up to \$2.5 million dollars for the construction of this new fire station.



Contra
Costa
County

To: Contra Costa County Fire Protection District Board of Directors
From: Jeff Carman, Chief, Contra Costa County Fire Protection District
Date: June 14, 2016

Subject: Consulting Services Agreement for Architectural Services Fire Station 16

RECOMMENDATION(S):

APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a Consulting Services Agreement with Loving Campos Associates, Architects, Inc., in an amount not to exceed \$455,913, to provide architectural services for new Fire Station No. 16 at 4007 Los Arabis Road in Lafayette.

FISCAL IMPACT:

\$455,913 Budgeted; CCCFPD Capital Outlay Fund

BACKGROUND:

In late 2011 the Contra Costa County Fire Protection District (District) initiated the process for the design of a replacement facility for Fire Station 16 (FS 16) in Lafayette at the present location on Los Arabis Road. At that time, the station was comprised of a small residential style fire station built in the 1950s that was abandoned shortly after the Loma Prieta Earthquake. Subsequent to the closure, a double-wide mobile home was used for the crew living quarters.

Approximately \$3 million was appropriated for the replacement of FS 16. In 2012, due to budget shortfalls and the eventual closure of FS 16, the project was placed on an indefinite hold. The funds were then designated to be used

☒ APPROVE

☐ OTHER

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Clerks Notes:

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ATTESTED: June 14, 2016

Contact: Lewis Broschard,
941-3501

David J. Twa, County Administrator and Clerk of the Board of Supervisors

By: , Deputy

cc: Timothy Ewell, Senior Deputy County Administrator

BACKGROUND: (CONT'D)

for the District's contribution toward the building of Fire Station 46 (FS 46), a joint project with the Moraga-Orinda Fire Protection District. When the FS 46 project was dissolved, the District determined the most appropriate solution for the community of West Lafayette and for the overall service of the District was to rebuild FS 16.

New site plans have been developed, engineers and contractors have surveyed the site and the existing fire station structure, and multiple analyses have been performed to determine the feasibility of reconstruction, remodel of the existing structure, or tear down and rebuild from the ground up. While it is possible to re-use the existing fire station structure, it was determined that the value of that structure is very low to the overall project and the cost to provide the required code upgrades and seismic retrofits would outweigh the utility of rehabilitating the old structure.

The new station would be built to include modern seismic standards as well as being able to meet ADA requirements. The station would be built to provide protection for the community over the next fifty years and would allow for the facility to provide personnel with the components, systems, and features found in a modern fire station.

On behalf of the District, the Public Works Department requested Statements of Qualifications ("SOQs") for architectural services for fire station design projects, including the rebuilding of Fire Station 16. The Public Works Department received 18 SOQs from interested firms and five firms were shortlisted. A selection committee comprised of County and District staff conducted interviews and ranked the shortlisted firms. Loving Campos Associates Architects, Inc. (LCA) was one of the top ranking firms. It is recommended that LCA be awarded the agreement for the subject project.

The Public Works Department will administer the agreement and facilitate project management for the District.

CONSEQUENCE OF NEGATIVE ACTION:

If the agreement is not approved, a new fire station would not be constructed. Response into the areas of West Lafayette would continue to be provided by Fire Station 15 in eastern Lafayette with automatic aid provided by Fire Station 43 of the Moraga-Orinda Fire Protection District which is located in Orinda. Delays in construction, if FS 16 is to be rebuilt in the near future, could increase construction costs significantly based on the recent, and expected, trends in overall costs of constructing essential use facilities.