



SAFE Board of Directors

April 16, 2015 – 9:45 a.m. (or after Consent Items on SACOG Board agenda)

The Board may take up any agenda item at any time, regardless of the order listed. Public comment will be taken on the item at the time that it is taken up by the Board. We ask that members of the public complete a request to speak form, submit it to the Clerk of the Board, and keep their remarks brief. If several persons wish to address the board on a single item, the chair may impose a time limit on individual remarks at the beginning of the discussion. Action may be taken on any item on this agenda.

Pledge of Allegiance

Roll Call: Directors Aguiar-Curry, Ashby, Buckland, Cabaldon, Clerici, Crews, Davis, Duran, Flores, Frerichs, Griego, Hesch, Hodges, Jankovitz, Joiner, Kennedy, Miklos, Peters, Powers, Samayoa, Sander, Schenirer, Serna, Slowey, Stallard, Veerkamp, West, Wheeler, Winn, Young, Yuill, Vice Chair Rohan, Chair Saylor, and Ex-Officio Member Benipal

Public Communications: (Any person wishing to address the Board on any item not on the agenda may do so at this time. After ten minutes of testimony, any additional testimony will be heard following the Action items.)

Consent: ◀

1. Approve Minutes of the March 19, 2015, Board Meeting ◀
2. Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE)
 - A. Call Box Removal & Modernization Project Implementation (Mr. Concannon/Mr. Heiman)
 - B. Approve Cellular Service Provider ◀(Mr. Concannon/Mr. Heiman)
 - C. Approve RFP for Call Box Removal & Modernization Project Implementation ◀(Mr. Concannon/Mr. Heiman)
 - D. Approve TeleTran Tek Contract Extension ◀(Mr. Concannon/Mr. Heiman)

◀Action Requested

Prepared by:

Mike McKeever
Chief Executive Officer

Approved by:

Don Saylor
Chair

This agenda and attachments are available on SACOG's website at www.sacog.org.

The Meridian Plaza is accessible to the disabled. If requested, this agenda, and documents in the agenda packet can be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 and the Federal Rules and Regulations adopted in implementation thereof. Persons seeking an alternative format should contact SACOG for further information. In addition, a person with a disability who requires a modification or accommodation, including auxiliary aids or services, in order to participate in a public meeting should contact SACOG by phone at 916-321-9000, e-mail (sacog@sacog.org) or in person as soon as possible and preferably at least 72 hours prior to the meeting.



**Item #15-4-1
Consent**

SAFE Board of Directors

April 9, 2015

Approve Minutes of the March 19, 2015, Board Meeting

Issue: The SAFE Board of Directors last met on March 19, 2015, for a regular SAFE Board meeting.

Recommendation: Approve the minutes of the meeting as submitted.

Discussion: Attached are the Draft Action Minutes of the March 19, 2015, SAFE Board meeting.

Approved by:

Mike McKeever
Chief Executive Officer

MM:le
Attachment

Key Staff: Sharon Sprowls, Senior Program Specialist, (916) 340-6235



Draft Action Minutes

The SAFE Board of Directors met in regular session on March 19, 2014, in the SACOG Board Chambers located at 1415 L Street, Sacramento, CA 95814 at 9:30 a.m.

Call To Order: Chair Saylor called the meeting to order at 9:35 a.m.

Present: Aguiar-Curry, Ashby, Clerici, Crews, Duran, Flores, Frerichs, Hesch, Hodges, Jankovitz, Kennedy, Miklos, Peters, Samayoa, Serna, Slowey, Stallard, Veerkamp, West, Wheeler, Winn, Yuill, and Chair Saylor

Absent: Directors Buckland, Cabaldon, Davis, Garcia, Griego, Joiner, Powers, Sander, Schenirer, and Vogel

Public Communications: No one appeared to speak.

Consent Calendar: It was moved, seconded (Aguiar-Curry/Slowey) and passed by unanimous vote that the following Consent item be approved:

1. Minutes of the November 13, 2014, Meeting

Action Items:

2. Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE) Strategic Plan Schedule and Contract Extension

It was moved/seconded (Veerkamp/Frerichs) and passed by unanimous vote that:

THE CVR-SAFE BOARD OF DIRECTORS APPROVE AN EXTENSION OF THE CONTRACT WITH CASTLE ROCK ASSOCIATES THROUGH SEPTEMBER 30, 2015, WITH A NOT-TO-EXCEED TOTAL BUDGET ADDITION OF \$250,000 FROM UNCOMMITTED CVR-SAFE REVENUES.

Adjournment: The meeting adjourned at 9:39 a.m.

Approved By:

Attest:

Don Saylor
Chair

Mike McKeever
Chief Executive Officer

Auburn
Citrus Heights
Colfax
Davis
El Dorado County
Elk Grove
Folsom
Galt
Isleton
Lincoln
Live Oak
Loomis
Marysville
Placer County
Placerville
Rancho Cordova
Rocklin
Roseville
Sacramento
Sacramento County
Sutter County
West Sacramento
Wheatland
Winters
Woodland
Yolo County
Yuba City
Yuba County



SAFE Board of Directors

**Item #15-4-2A
Receive & File**

April 9, 2015

Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE): Call Box Removal & Modernization Project Implementation

The Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE) has developed a plan to reduce the size of the physical call box system and upgrade the remaining system to current technology, which requires Board actions for implementation.

This item is background information for Items 2B, C and D.

For 20 years, in counties that opt for a \$1.00 surcharge on vehicle registrations, the state has required that a motorist aid system of call boxes be provided on state routes to help motorists in trouble. These requirements led to the formation of the Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE) in 1994. The CVR-SAFE is administered by SACOG and now includes El Dorado, Sacramento, San Joaquin, Sutter, Yolo, and Yuba Counties. The current CVR-SAFE system maintains a total of 1,109 call boxes across the six participating counties. Both Caltrans and the California Highway Patrol (CHP) have administrative and oversight roles concerning the call box systems across California.

In November 2014, the Board requested that Caltrans and the CHP approve increasing the spacing of our call box system and a pilot project for call box removals on two roadway segments in Sacramento County. Only now that cell phones are becoming more universal have Caltrans and the CHP begun permitting pilot projects to remove stretches of call boxes if they are replaced by other motorist aid service options, such as 511/mobile call box services. The recommended strategy to implement call box removal and modernization efforts in the Capital Valley region is a key element of the broader CVR-SAFE Strategic Plan study that will be coming to the Transportation Committee for review in May.

Following the lead of the Bay Area's Metropolitan Transportation Commission on piloting call box removals, staff developed the scope for the CVR-SAFE removal and modernization project, which will:

- Remove call boxes on the portion of Interstate 5 between State Route 99 and Hood Road, and on SR-160 (South River Road) in Sacramento County;
- Increase spacing on the remaining routes to two miles; and
- Upgrade the remaining call boxes with new cellular technology and ADA improvements.

Moving forward, the reduced system will lower the costs for call box operations, maintenance, and upgrades as technology continues to change. This removal effort is timed to reduce the physical call box system by almost half before the current 2G cellular services used by the call boxes ends in December 2016.

The following are steps needed to implement the call box removal and modernization project:

1. Choose a Cellular Provider

As discussed in Item 6B, choosing a cellular phone provider to provide the cellular network is necessary to the Request for Proposals for a contractor(s) to modernize the call boxes that will remain in the system.

2. Develop Detailed Caltrans/CHP Removal Request

To request final approval from Caltrans and the CHP for the call box removal and modernization effort, the CVR-SAFE staff must develop engineering plans for each individual call box in the system. Staff is currently working with TeleTran Tek to complete this planning and engineering effort. More discussion is in Item 6D.

3. Issue RFP for Implementation Work

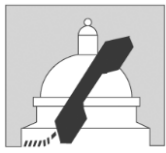
The detailed plan developed for the Caltrans and CHP approval requests will also serve as the basis for staff to develop the scope of work for a Request for Proposals for the call box removal and modernization work needed across the region. More discussion on this topic is in Item 6C.

Future Flexibility

Most of the California SAFE agencies have waited as long as possible to start their upgrade plans with the awareness that some of the call boxes that are upgraded may not be needed within the next ten years. Staff will be coming to the Committee in May with a draft Strategic Plan, and a 10-year budget plan that reserves funding for another wave of removals and modernization in the future.

Staff also continues to work on two fronts regarding greater flexibility for CVR-SAFE expenditures. Legislation has been introduced several times aimed at removing or reducing legal requirements for installation of physical call boxes to free the use of SAFE funds for other motorist aid services. These efforts have not met with success to date. While staff continues to monitor these legislative efforts, our current understanding is that the CHP and Caltrans prefer to use their existing discretionary authority to reduce the fixed call boxes required in each system. The CVR-SAFE staff will continue to work with the California SAFE partnership (Cal-SAFE) and the CHP and Caltrans to revise call box guidelines to reduce the emphasis on fixed call boxes as cell phone usage continues to increase.

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Mark Heiman, ITS/511/SAFE Program Manager, (916) 340-6232
Barbara VaughanBechtold, Associate Planner, (916) 340-6226



SAFE

SAFE Board of Directors

Item #15-4-2B
Consent

April 9, 2015

Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE): Approve Cellular Service Provider

Issue: Staff is seeking Board approval of a call box cellular provider for the call boxes to be modernized as part of the Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE) Call Box Removal and Modernization Project.

Recommendation: The Transportation Committee unanimously recommends that the CVR-SAFE Board authorize the selection of Verizon Wireless Services for cellular service for ongoing call boxes in the CVR-SAFE system.

Committee Action/Discussion: The CVR-SAFE system currently has 970 call boxes using AT&T 2G cellular services and 139 call boxes using Verizon Wireless 3G cellular services. In the fall of 2013, the CVR-SAFE staff learned that AT&T's network will be undergoing an upgrade and the current 2G network used by much of the call box system will be phased out. Current plans call for AT&T to transition completely to newer technologies and shut down the 2G network by December 2016.

Faced with the costs for upgrading 87 percent of the current call boxes to a newer network, the CVR-SAFE staff researched and sought Board approval in November 2014 for the call box removal and modernization program discussed in Item 2A. Following the downsizing of the physical system from 1109 to 649 call boxes, the remaining call boxes using the 2G network will have to be upgraded to the 3G cellular network or no longer function. Costs for this upgrade are discussed in item 2C.

The CVR-SAFE staff explored whether any cellular providers could continue to support the current 2G network past 2016, but were informed that all of the providers plan to scale back their 2G service starting in 2017. Both AT&T and Verizon have comparable 3G cellular coverage. Sprint and T-Mobile offer less coverage for our region. While 4G LTE service is widely advertised by the cellular industry, voice communications currently use 2G or 3G networks; only data services use the 4G network technology.

Recently, the Metropolitan Transportation Commission (MTC) in the Bay Area began using the pricing plans of the Western States Contracting Alliance (WSCA) for their call box cellular services. WSCA offers the CVR-SAFE the lowest cellular prices available, as on all plans except Sprint's we would be able to eliminate the current \$7.35 per call box monthly charge. Table 1 shows cost estimates for providing cellular service for the call boxes that will remain in the regional system, comparing rates from the four largest cellular providers.

Table 1
Cost Comparison from WSCA Cellular Plans

Cellular Provider	Call box per-line monthly charge	Call Box per-minute price	Average number of call box system minutes per month (2013)	Estimated monthly cost (not including taxes or fees)
AT&T	\$0.00	\$0.06	1,900	\$114.00
Sprint	\$9.00	\$0.06	1,900	\$5,955.00
T-Mobile	\$0.00	\$0.08	1,900	\$152.00
Verizon	\$0.00	\$0.06	1,900	\$114.00

CVR-SAFE staff recommends using one cellular provider for all 649 call boxes that will remain in order to maximize the efficiencies with maintenance and operations of the system. AT&T and Verizon offer comparable prices and coverage, but 139 of the region's call boxes already use Verizon's 3G cellular service. Staff therefore recommends selecting Verizon Wireless' WSCA Cellular plan, based on the estimated monthly costs and approximately \$111,000 in savings that CVR-SAFE will realize from not needing to upgrade the existing 139 Verizon 3G call boxes to AT&T-compatible 3G equipment. Staff utilized SACOG's Small Purchasing Procedures to obtain the quotes shown above and to develop this recommendation.

Approved by:

Mike McKeever
Chief Executive Officer

MM:MH:ds

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SAFE Board of Directors

Item #15-4-2C Consent

April 9, 2015

Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE): RFP for Call Box Removal & Modernization Project Implementation

Issue: Should the CVR-SAFE Board authorize the release of a Request for Proposals to implement the call box removal and modernization project?

Recommendation: The Transportation Committee unanimously recommends that the CVR-SAFE Board authorize the release of a Request for Proposals (RFP) for call box removals, retrofits and upgrades necessary to implementing the CVR-SAFE Call Box Removal and Modernization project.

Discussion: Staff is currently developing the scope of work and requirements for a Request for Proposals for a contractor or contractors to carry out the CVR-SAFE call box removal and modernization project. Staff anticipates releasing the RFP in May 2015, and returning to the Board with a contract recommendation in August 2015. The removal and modernization project calls for the following: 501 call box removals; retrofits of 448 call boxes, including upgrades to the cellular technology and retrofits to meet ADA requirements; cellular-only upgrades to another 201 call boxes; painting and installation of new batteries in 649 call boxes; and more signage on 511/mobile phone roadside assistance. The table below provides county-level cost estimates for the call box removals, retrofits, and upgrades that are part of this project.

Call Box Removal and Modernization Cost Estimates by County

County	# removals (\$350/each)	# Retrofits (\$2,400/each)	# Upgrade only (\$1,600/each)	Painting and Batteries (\$300/each)	Subtotal by County	Total with 20% Contingency
El Dorado	29 (\$10,150)	34 (\$81,600)	15 (\$24,000)	49 (\$14,700)	\$130,450	\$156,540
Sacramento	125 (\$43,750)	129 (\$309,600)	65 (104,000)	194 (\$58,200)	\$515,550	\$618,660
San Joaquin	180 (\$63,000)	110 (\$264,000)	60 (\$96,000)	170 (\$51,000)	\$474,000	\$568,800
Sutter	33 (\$11,550)	34 (\$81,600)	13 (\$20,800)	47 (\$14,100)	\$128,050	\$153,660
Yolo	105 (\$36,750)	102 (\$244,800)	16 (\$25,600)	118 (\$35,400)	\$342,550	\$411,060
Yuba	27 (\$9,450)	26 (\$62,400)	6 (\$9,600)	32 (\$9,600)	\$91,050	\$109,260
Placer	0	0	6 (\$9,600)	6 (\$1,800)	\$11,400	\$13,680
Glenn	2 (\$700)	13 (\$31,200)	20 (\$32,000)	33 (\$9,900)	\$73,800	\$88,560
Totals	501 (\$175,350)	448 (\$1,075,200)	201 (\$321,600)	649 (\$194,700)	\$1,766,850	\$2,120,220

There are sufficient funds in the CVR-SAFE to cover the costs of the project. These funds will be included as part of the draft FY 2015/16 budget package brought to the Board in May with the draft Strategic Plan.

The proposals will be evaluated by a multi-jurisdiction team of reviewers using the following ranking:

- Proposal cost;

- Understanding of the background and requirements of the project, including schedule;
- The relative allocation of resources (quality, quantity, skills and management); and
- Experience of proposed personnel.

By releasing the RFP early in May, staff will have time to report back on progress on the bid process in June, ahead of an August contract recommendation. This timing will insure the work can be completed on all call boxes before the 2G cellular network is shut down in December 2016.

The Committee provided a unanimous recommendation on this item. However, Committee members expressed concerns about cellular coverage in rural areas such as the Delta. Staff committed to assessing cellular coverage when considering areas for piloting call box removals and transitioning motorists to the mobile 511 call answering service.

Approved by:

Mike McKeever
Chief Executive Officer

MM:MH:ds

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**Item #15-4-2D
Consent**

SAFE Board of Directors

April 9, 2015

Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE): Approve TeleTran Tek Contract Extension

Issue: Should the Transportation Committee recommend that the Capitol Valley Regional Service Authority for Freeways and Expressways (CVR-SAFE) Board of Directors extend an expiring contract with TeleTran Tek Services?

Recommendation: The Transportation Committee unanimously recommends that the CVR-SAFE Board approve a no-cost extension of the contract with TeleTran Tek Services to end June 30, 2016, to provide staff assistance with final planning and engineering for the call box removal and modernization project.

Committee Action/Discussion: Under a contract with CVR-SAFE, TeleTran Tek Services provides support services for the regional call box system. TeleTran Tek provides a check on maintenance services, analyzes phone company billings, delivers much of the analysis for the CVR-SAFE annual call box report, and provides investigation and recovery services for incident-related knock-downs of call boxes. They have also provided expert advice on call box system optimization, removals and site modifications where required. These services are provided on an as-needed basis and are billed based on contractual rates.

The current contract with TeleTran Tek Services was approved by the CVR-SAFE Board after evaluation of proposals obtained through an RFP process in July 2010. The original contract was for a three-year period with the potential for two one-year extensions, which have been exercised. The full value of the contract was \$439,362. The contract is currently set to expire on June 30, 2015. Staff estimates that \$332,235 will be spent as of the end of FY 2014/15, leaving \$107,127 remaining of the original contract amount.

TeleTran Tek Services is currently assisting CVR-SAFE staff with final planning and engineering work needed to seek approval from Caltrans and the CHP for implementation of the call box removal and modernization effort. In the formal request, plans and specifications must be provided describing the work to be done for each individual call box. TeleTran Tek Services has submitted a letter to staff indicating their willingness to extend the contract for another year for the above-described services and modernization assistance at the rates in the current contract, with no cost of living adjustment.

With no change in the maximum dollar authority needed, staff recommends that the contract with TeleTran Tek Services be extended to June 30, 2016, to insure the successful completion of final planning and engineering work to support the implementation of the call box modernization effort.

In early 2016, staff expects to release a Request for Proposals to secure a new contract for call box support services, to begin in July 2016.

Approved by:

Mike McKeever
Chief Executive Officer

MM:MH:ds

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