

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

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**FROM:** TLMA – Transportation Department

**SUBMITTAL DATE:**  
April 8, 2014

**SUBJECT:** Notice of Completion – Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase 3. All/All Districts. [\$143,430]; Local Funds 100%

**RECOMMENDED MOTION:** That the Board of Supervisors execute and file the attached “Notice of Completion.”

**BACKGROUND:**

**Summary**

By Minute Order 3-60 of July 16, 2013, the Board of Supervisors entered into a contract with Sierra Pacific Electrical Contracting, Inc. of Riverside, CA for the construction of the Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at various locations.

Departmental Concurrence

**Patricia Romo**  
Assistant Director of Transportation

Juan C. Perez  
Director of Transportation and Land Management

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
<b>COST</b>	\$ 143,430	\$ 0.00	\$ 143,430	\$ 0.00	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
<b>NET COUNTY COST</b>	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

**SOURCE OF FUNDS:** Proposition 111 (Gas Tax, 100%)  
There were no General Funds used in this project.

**Budget Adjustment:** No  
**For Fiscal Year:** 2013-2014

**C.E.O. RECOMMENDATION:**

APPROVE

BY:   
Tina Grande

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

- Positions Added
- Change Order
- A-30
- 4/5 Vote

**Prev. Agn. Ref.:** 7/16/13, Item 3-60

**District:** All/All

**Agenda Number:**

**3-70**

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**  
**FORM 11: Notice of Completion – Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase 3. All/All Districts. [\$143,430]; Local Funds 100%**

**DATE:** April 8, 2014

**PAGE:** Page 2 of 2

**BACKGROUND:**

**Summary (continued)**

The originally authorized amount of the contract was \$143,418. The total amended contract is \$143,430, which is .009% more than the originally authorized amount.

This work was completed at the direction of the Transportation Department on January 27, 2014, Work Order B9-0996.

**Impact on Residents and Businesses**

The replacement of old LED indications with more energy efficient LED indications reduces power consumption and prolongs traffic signal operation when operating on battery power and prolongs normal traffic signal operation using Battery Backup System (BBS) when unexpected power outage occurs.

**SUPPLEMENTAL:**

**Additional Fiscal Information**

**Budget**

Original Contract Amount		<b>\$143,418</b>
Total Change Orders Authorized	0.0%	<b>\$0</b>
Estimated Pending Change Orders	0.0%	<b>\$0</b>
Amertded Contract Amount		<b>\$143,418</b>
* Quantity Adjustments	0.0%	<b>\$13</b>
+ CCO FA Adjustments	0.0%	<b>\$0</b>
Total Amended Contract Amount	100.0%	<b>\$143,430</b>

**Expenditures**

Total Progress Payments		<b>\$143,430</b>
Estimated Pending Payments		<b>\$0</b>
Total Expenditures		<b>\$143,430</b>

**(Over)/Under Contract Amount** **\$0**

+ Change Orders using the Force Account method of payment issued prior to the work being completed generally do not use the total authorized amount.

\* CAL-Trans Standard Specifications 4-1.03B. Increases or decreases in the quantity of a contract item of work will be determined by comparing the total pay quantity of such item of work with the Engineer's Estimate. If the total pay quantity of any item of work required under the contract varies from the Engineer's Estimate by 25 percent or less, payment will be made for the quantity of work of said item performed at the contract unit price, unless eligible for adjustment pursuant to Section 4-1.03C, "Changes in Character of Work."

The construction of the project was funded with \$143,430 of Proposition 111 funds.

**Contract History and Price Reasonableness**

N/A

PLEASE COMPLETE THIS INFORMATION  
RECORDING REQUESTED BY:

**KECIA HARPER-IHEM, CLERK OF THE BOARD  
RIVERSIDE CO. CLERK OF THE BOARD  
4080 LEMON STREET, 1<sup>ST</sup> FLOOR CAC  
P O BOX 1147 – RIVERSIDE, CA 92502  
MAIL STOP # 1010**

AND WHEN RECORDED MAIL TO:

**RETURN TO: STOP #1010**  
RIVERSIDE COUNTY CLERK OF THE BOARD  
P. O. BOX 1147 – RIVERSIDE, CA 92502

THIS SPACE FOR RECORDERS USE ONLY

**NOTICE OF COMPLETION**

To be recorded with County Recorder  
within 10 days after completion.  
No recording fee.

Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:

**Project title or description of work:** Countywide Traffic Signal Battery Backup System and LED Modules Phase 3

**Date of Completion:** Date of this notice

**Nature of owner:** County of Riverside, public entity

**Interest or estate of owner:** Public Roadway

**Address of owner:** 4080 Lemon Street, 8th Floor, Riverside, CA 92501

**Name of contractor:** Sierra Pacific Electrical Contracting, Inc.

**Street or legal description of site:** Various Locations

Dated: \_\_\_\_\_

Owner: County of Riverside  
(Name of Public Entity)

By: \_\_\_\_\_  
Chairman, Board of Supervisors

STATE OF CALIFORNIA )

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COUNTY OF RIVERSIDE )

I am the Chairman of the governing board of the County of Riverside, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read this notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

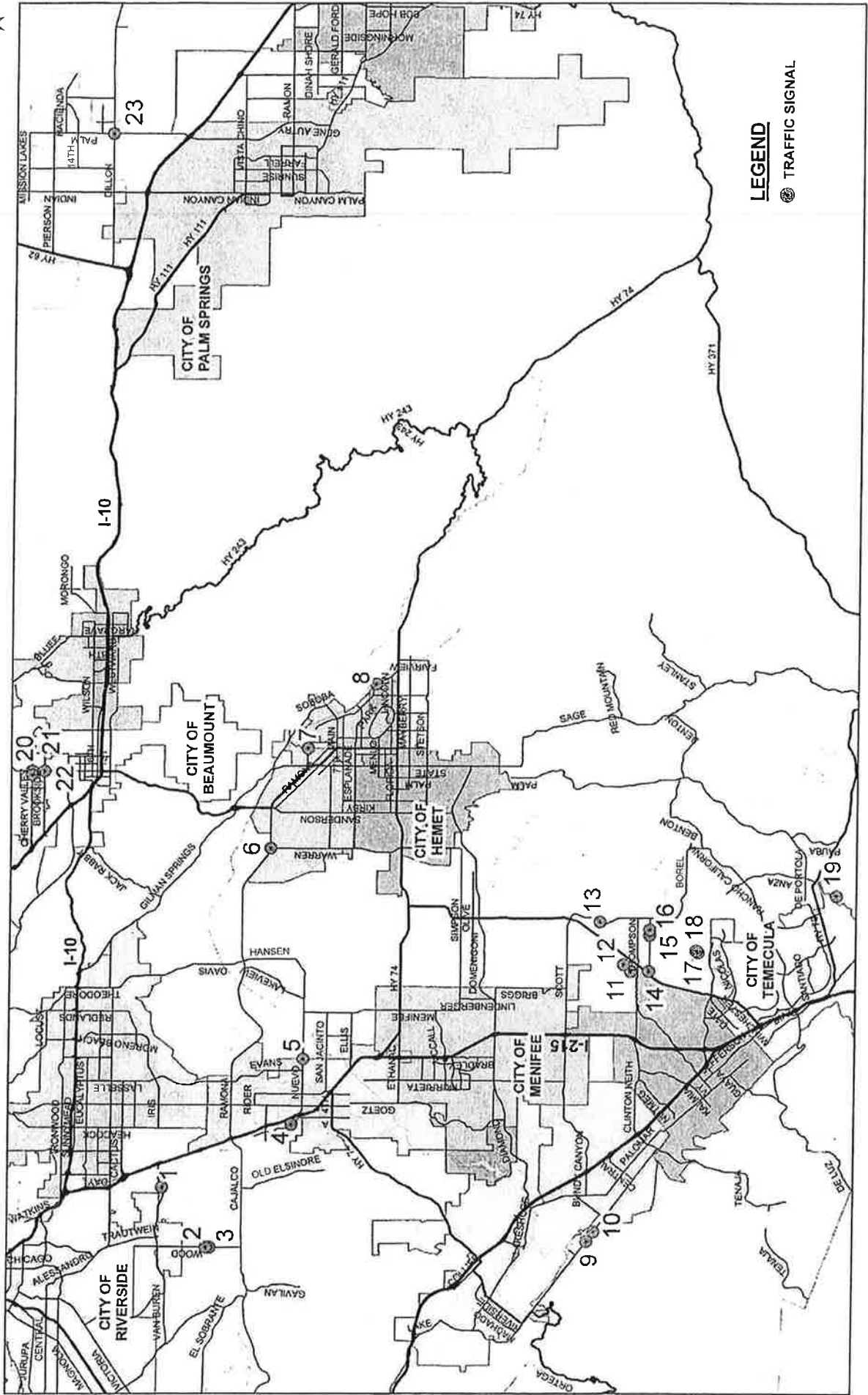
Executed at Riverside, California on \_\_\_\_\_ (Date)

\_\_\_\_\_, Chairman of the Board of Supervisors

COUNTYWIDE TRAFFIC SIGNAL BATTERY BACKUP SYSTEM AND LED MODULE IMPROVEMENT PROJECT AT VARIOUS LOCATIONS, PHASE 3

No.	INTERSECTION	12" RED ARW LED	12" GRN ARW LED	12" RED BALL LED	12" GRN BALL LED	12" GRN LED	PV/RED LED	PV/GRN LED
1	VAN BUREN BLV	2	2	7	7	1	1	1
2	WOOD RD	6	10	12	12	-	-	-
3	WOOD RD	3	6	9	9	-	-	-
4	HARVILL AVE	-	-	-	-	-	-	-
5	DUNLAP DR	8	8	12	12	-	-	-
6	RAMONA EXPY	4	4	10	10	-	-	-
7	RAMONA EXPY	8	8	10	10	-	-	-
8	MOUNTAIN	1	3	10	9	1	1	1
9	GRAND AVE	5	6	11	11	-	-	-
10	GRAND AVE	2	4	9	8	-	-	-
11	LEON RD	8	8	13	13	-	-	-
12	LEON RD	4	4	13	13	-	-	-
13	WASHINGTON ST	8	8	14	14	-	-	-
14	BENTON RD	4	4	13	13	-	-	-
15	BENTON RD	4	4	14	14	-	-	-
16	BENTON RD	4	4	14	14	-	-	-
17	POURROY RD	2	4	11	10	-	-	-
18	POURROY RD	4	4	14	14	-	-	-
19	BUTTERFIELD STAGE RD	8	8	12	12	-	-	-
20	CHERRY VALLEY BLV	8	8	11	11	-	-	-
21	BEAUMONT AVE	6	6	8	8	2	2	2
22	BEAUMONT AVE	8	8	12	12	-	-	-
23	DILLON RD	4	4	12	12	4	4	4
TOTAL		111	125	251	248	8	8	8

COUNTY WIDE BATTERY BACKUP & LED RETROFIT PROJECT PHASE 3



PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules  
 Improvement Project at Various Locations, Phase 3  
 County Project No.: B9-0996  
 Contract No. 13-06-008

Contractor: Sierra Pacific Electrical  
 Address: 2542 Avalon Street  
 City, State, Zip: Riverside, CA 92509

Estimate No. 2 Final  
 From: December 26, 2013  
 To: January 25, 2014



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Orders		Amended Contract		This Estimate		Previous Quantity	Total Estimate To Date	% Auth.
						Quantity	Amount	Quantity	Amount	Quantity	Amount			
1	TRAFFIC CONTROL SYSTEM	LS	1	100.00	100.00			1.00	100.00			1.00	100.00	100%
2	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	52.13	5,786.43			111.00	5,786.43			111.00	5,786.43	100%
3	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	54.41	6,801.25			125.00	6,801.25			125.00	6,801.25	100%
4	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	39.84	9,999.84			251.00	9,999.84			252.00	10,039.68	100%
5	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	44.36	11,001.28			248.00	11,001.28			249.00	11,045.64	100%
6	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	125.00	1,000.00			8.00	1,000.00			8.00	1,000.00	100%
7	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	125.00	1,000.00			8.00	1,000.00			8.00	1,000.00	100%
8	MINOR CONCRETE (SIDEWALK) MAINTENANCE PAD	SOFT	162	37.05	6,002.10			162.00	6,002.10			162.00	6,002.10	100%
9	CONDUCTOR REPLACEMENT (SERVICE TO CABINET TO CONTROLLER CABINET)	LF	2,430	0.41	996.30			2,430.00	996.30			2,256.00	2,256.00	93%
10	BATTERY BACKUP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	4,440.35	75,485.95			17.00	75,485.95			17.00	75,485.95	100%
11	BATTERY BACKUP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	2,790.74	16,744.44			6.00	16,744.44			6.00	16,744.44	100%
12	DEMobilIZATION	LS	1	8,500.00	8,500.00			1.00	8,500.00			1.00	8,500.00	100%

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					Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	
					143,417.59		0.00		143,417.59							143,430.45	
<b>PROJECT TOTAL</b>																	

Made by: Danny Ayala  
 Checked by: DA 1-30-14  
 OK Const. Supv: DA 30/14

Working Days: 35 Start Date: 12-2-13  
 Days Added: 0 End Date: 1-27-14  
 Subtotal: 35 % \$ Complete: 100%  
 Days Used: 19 Original Contract: \$143,417.59  
 % Time Elapsed: 54% Amended Contract: \$143,417.59

TOTAL VALUE OF WORK TO DATE: \$143,430.45  
 LESS RETENTION: 5% 7,171.52  
 TOTAL DUE TO DATE: \$136,258.93  
 LESS PREVIOUSLY INVOICED: 128,183.93  
 LESS LABOR NON COMPLIANCE: 0.00  
 TOTAL DUE THIS PAYMENT: \$8,075.00

This Estimate Approved \_\_\_\_\_ Date: \_\_\_\_\_ for: \_\_\_\_\_ \$8,075.00  
 Received by Accounts Payable: \_\_\_\_\_  
 By: \_\_\_\_\_

Quantities on This Estimate Approved [Signature] Date: 2/15/14  
 Sierra Pacific Electrical

**PAYMENT APPROVAL**

Fund 20000  
 Dept ID 31305  
 Account 527980  
 Project Z-69-0996E  
 Activity ID Z3500  
 Resource Type CNT  
 Signature [Signature]  
 Date 3/12/14

