

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

101



**FROM:** TLMA - Transportation Department

**SUBMITTAL DATE:**  
**June 13, 2013**

**SUBJECT:** Notice of Completion - Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase 1

**RECOMMENDED MOTION:** That the Board of Supervisors execute and file the attached "Notice of Completion"

**BACKGROUND:** By Minute Order 3.71 of January 11, 2011, the Board of Supervisors entered into a contract with Flatiron Electric Group, Inc. of La Mirada, CA for the Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project, Phase 1, at various locations.

Juan C. Perez  
Director of Transportation and Land Management

dj  
(Continued On Attached Page)

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$251,886	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2012/2013
<b>SOURCE OF FUNDS:</b> Proposition 111 [Gas Tax] (100%)				<b>Positions To Be Deleted Per A-30</b> <input type="checkbox"/>
There were no General Funds used in this project				<b>Requires 4/5 Vote</b> <input type="checkbox"/>

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

APPROVE

BY:   
Tina Grande

**County Executive Office Signature**

**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Tavaglione, seconded by Supervisor Ashley and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Stone, Benoit and Ashley  
Nays: None  
Absent: None

Date: July 2, 2013  
XC: Transp., Recorder

Kecia Harper-Ihem  
Clerk of the Board  
By:   
Deputy

**Prev. Agn. Ref.** 01/11/11, Item 3.71 | **District:** All/All | **Agenda Number:**

**3-44**

The Honorable Board of Supervisors

RE: Notice of Completion - Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase 1

Page 2 of 2

The originally authorized amount of the contract was \$239,685. The total amended contract is \$251,886, which is 5.1% more than the originally authorized amount.

The project had one (1) contract change order in the amount of \$12,965.87 to compensate the contractor for the replacement of existing 50 ampere circuit breakers with new 30 ampere circuit breakers in order to be in compliance with the latest National Electrical Code.

This work was completed at the direction of the Transportation Department on July 25, 2011, and was inspected by the Construction Engineering Section of the Department, Work Order B9-0996.

#### **Budget**

Original Contract Amount		\$239,685.00
Total Change Orders Authorized	5.4%	\$12,965.87
Est. Pending Change Orders	0.0%	\$0.00
Amended Contract Amount		\$252,650.87
* Quantity Adjustments	-0.3%	(\$765.00)
+ CCO FA Adjustments	0.0%	\$0.00
Total Amended Contract Amount	105.1%	\$251,885.87

#### **Expenditures**

Total Progress Payments	\$251,885.87
Estimated Pending Payments	\$0.00
Total Expenditures	\$251,885.87

(Over)/Under Contract Amount	\$0.00
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+ 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 Engineers 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."

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**

DOC # 2013-0329707  
07/09/2013

Customer Copy Label  
The paper to which this label is  
affixed has not been compared  
with the filed/recorded document

Larry W Ward  
County of Riverside  
Assessor, County Clerk & Recorder

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 Improvement Project

**Date of Completion:** Date of this notice 07/02/13

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

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

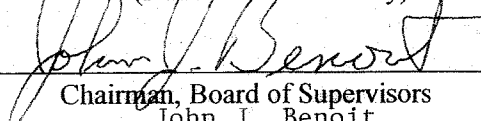
**Address of owner:** 4080 Lemon Street, 8th Floor, Riverside, CA 92501

**Name of contractor:** Flatiron Electric Group, Inc.

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

**Dated:** July 2, 2013

**Owner:** County of Riverside  
(Name of Public Entity)

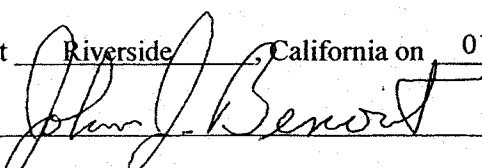
**By:**   
Chairman, Board of Supervisors  
John J. Benoit

STATE OF CALIFORNIA )

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.

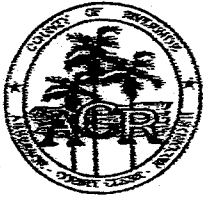
Executed at Riverside, California on 07/02/13 (Date)

  
Chairman of the Board of Supervisors  
John J. Benoit

ATTEST:

Kecia Harper-Ihem, Clerk

By  Deputy



**LARRY W. WARD  
COUNTY OF RIVERSIDE  
ASSESSOR-COUNTY CLERK-RECORDER**

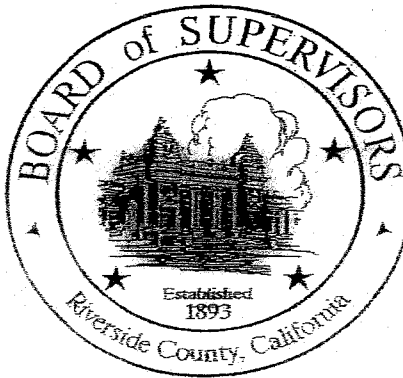
**Recorder**  
P.O. Box 751  
Riverside, CA 92502-0751  
(951) 486-7000  
<http://riverside.asrcclrec.com>

**CERTIFICATION**

Pursuant to the provisions of Government Code 27361.7, I certify under the penalty of perjury that the following is a true copy of illegible wording found in the attached document:

(Print or type the page number(s) and wording below)

CLARIFICATION OF THE SEAL for the Riverside County Board of Supervisors  
(embossed on document)



Date:

7-2-13

Signature:

*Karen Barton*

Print Name:

Karen Barton, Board Assistant, Riverside County Clerk of the Board

**Traffic Signal Battery Backup System and LED Modules Improvement  
Contract CCO History**

Contract No. 10-12-005  
Work Order No. B9-0996  
Contract Amount \$239,685.00

Single Maximum CCO \$23,968.50  
Maximum CCO's \$23,968.50  
Tip Budget

Tip Comments:  
No Change

=====

CCO No.	Amount This CCO	Authority	Cumulative CCO's	% Original Authorized	Cumulative CCO %	Classification
1	\$12,965.87	Trans. Director	\$12,965.87	5.41%	5.41%	Extra/Unavoidable

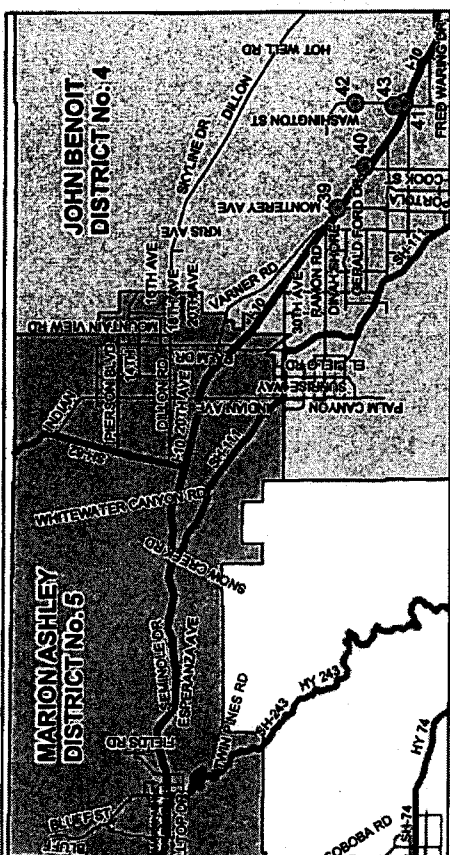
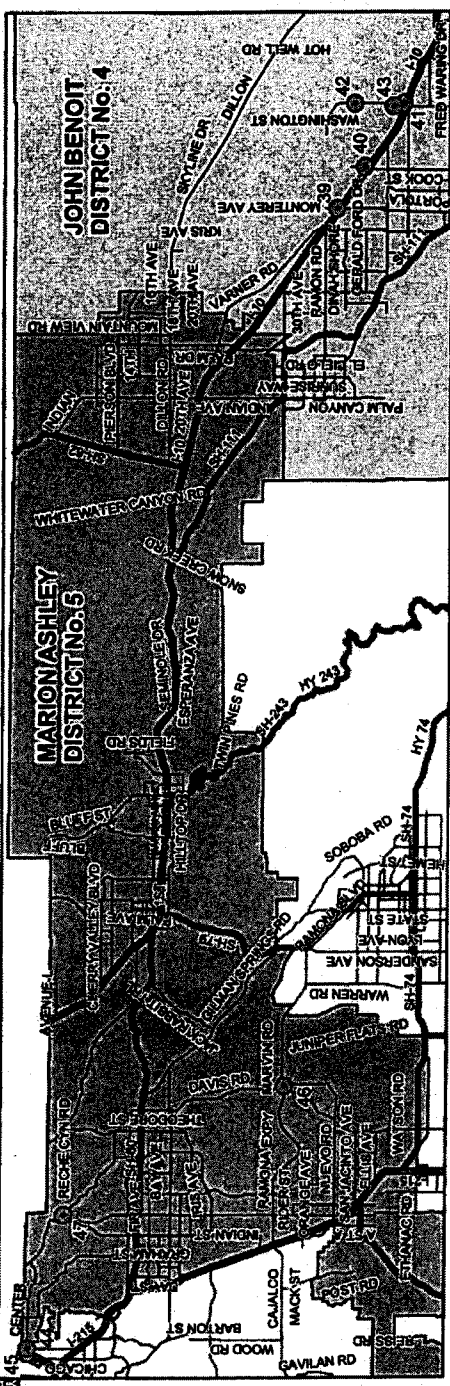
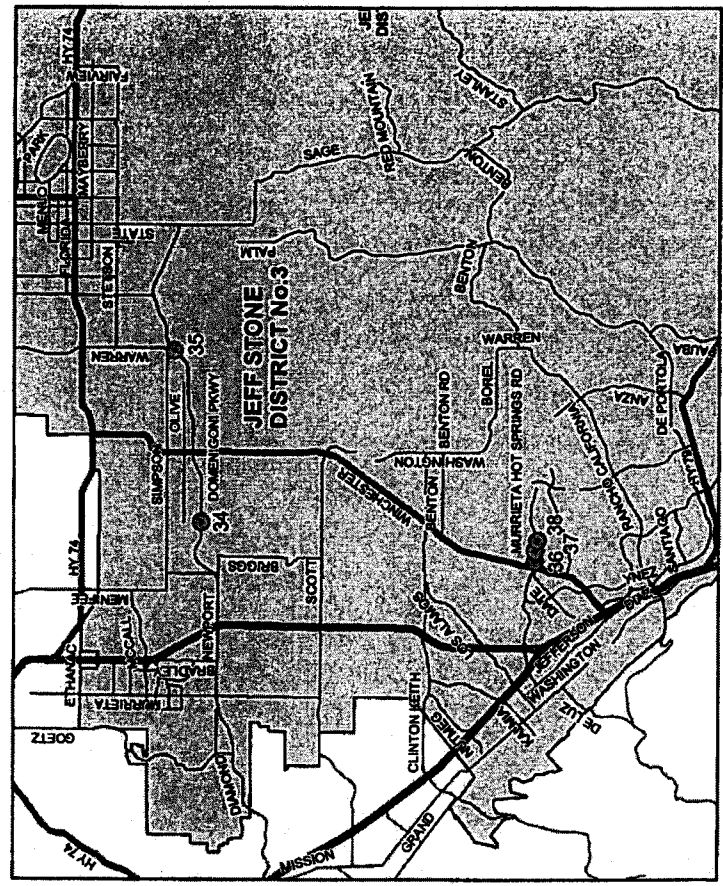
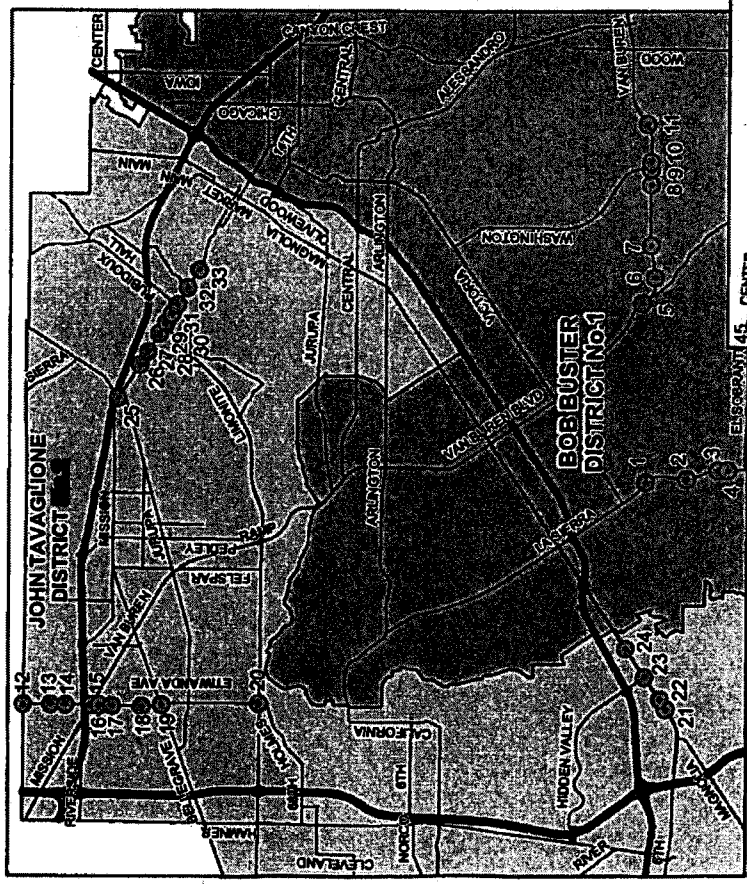
\$12,965.87

5.41%

New Authorized Contract Total	\$252,650.87
Total CCO Dollars To Date	\$12,965.87
Total % Increased by CCO's	5.41%

# COUNTY WIDE BATTERY BACKUP & LED RETROFIT PROJECT

The County of Riverside assumes no liability for any inaccuracies or omissions in this map. This map is intended for informational purposes only and should not be used for any legal or financial purposes. The County of Riverside is not responsible for any damages or losses resulting from the use of this map. Do not copy or reuse this map.



DISTRICT DISTRIBUTION	
DISTRICT 1	10 LOCATIONS
DISTRICT 2	20 LOCATIONS
DISTRICT 3	5 LOCATIONS
DISTRICT 4	5 LOCATIONS
DISTRICT 5	4 LOCATIONS

PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules Improvement

County Project No.: B9-0996

Contract No.: 10-12-005

Contractor: Flatiron Electric Group, Inc.

Address: 7911-A Pine Avenue

City, State, Zip: Chino, CA 91708

Estimate No. 5 Final - Revised

From: November 26, 2012

To: March 25, 2013



Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized Quantity	Change Authorized Amount	Total Authorized Quantity	Total Authorized Amount	This Estimate Quantity	This Estimate Amount	Previous Quantity	Total Estimate To Date Quantity	Total Estimate To Date Amount	% Auth.
					239,685.00		12,965.87		252,650.87		71,700.00			251,885.87	
<b>PROJECT TOTAL</b>															

Made by: Ivan MendozaChecked by: 4-8-13OK Const. Supv. [Signature]

Working Days: 35  
 Days Added: 0  
 Subtotal: 35  
 Days Used: 45  
 % Time Elapsed: 129%

TOTAL VALUE OF WORK TO DATE:  
 LESS RETENTION: 0%  
 TOTAL DUE TO DATE: \$251,885.87  
 LESS PREVIOUSLY INVOICED:  
 LESS LABOR NON COMPLIANCE: 0.00  
 LESS 10 DAYS LIQUIDATED DAMAGES @ \$400.00  
 TOTAL DUE THIS PAYMENT: \$71,700.00

This Estimate Approved \_\_\_\_\_ Date: \_\_\_\_\_ for: \_\_\_\_\_  
 Juan C. Perez, Director of Transportation and Land Management

Received by Accounts Payable: \_\_\_\_\_  
 By: \_\_\_\_\_

Quantities on This Estimate Approved \_\_\_\_\_ Date: \_\_\_\_\_  
 Flatiron Electric Group, Inc.

## PAYMENT APPROVAL

Fund 20000  
 Dept ID 31305  
 Account 527980  
 Project 269-0996E

Activity ID 23500  
 Resource Type CNT  
 Signature [Signature]  
 Date 5/21/13

COPY

PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules Improvements  
 County Project No.: BS-0996  
 Contract No.: 10-12-005

Contractor: Flatiron Electric Group, Inc.  
 Address: 7911-A Pine Avenue  
 City, State, Zip: Chino, CA 91708



Estimate No. 5 Final - Revised  
 From: November 26, 2012  
 To: March 25, 2013

Item No.	Item Description	Units	Quantity	Unit Price	Original Contract		Change Authorized		Total Authorized		This Estimate		Previous		Total Estimate To Date		% Auth.
					Amount	Quantity	Amount	Quantity	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
1	TRAFFIC CONTROL SYSTEM	LS	1	500.00	500.00	1.00			1.00	500.00			1.00		1.00	500.00	100%
2	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	178	51.00	9,078.00	178.00			178.00	9,078.00			184.00		184.00	9,384.00	103%
3	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	233	58.00	13,514.00	233.00			233.00	13,514.00			235.00		235.00	13,630.00	101%
4	12" RED BALL TRAFFIC SIGNAL MODULE	EA	521	51.00	26,571.00	521.00			521.00	26,571.00			503.00		503.00	25,653.00	97%
5	12" GREEN BALL TRAFFIC SIGNAL MODULE	EA	496	59.00	29,264.00	496.00			496.00	29,264.00			468.00		468.00	27,612.00	94%
6	PV RED TRAFFIC SIGNAL MODULE	EA	16	104.00	1,664.00	16.00			16.00	1,664.00			20.00		20.00	2,080.00	125%
7	PV GREEN TRAFFIC SIGNAL MODULE	EA	18	118.00	2,124.00	18.00			18.00	2,124.00			22.00		22.00	2,596.00	122%
8	MINOR CONCRETE (MAINTENANCE PAD)	SF	220	9.00	1,980.00	220.00			220.00	1,980.00			275.00		275.00	2,475.00	125%
9	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	39	3,585.00	139,815.00	39.00			39.00	139,815.00	20.00	71,700.00	19.00		39.00	139,815.00	100%
10	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	5	3,035.00	15,175.00	5.00			5.00	15,175.00			5.00		5.00	15,175.00	100%
CCO 1	REMOVE EXISTING 50 AMP CIRCUIT BREAKERS/INSTALL 30 AMP BREAKERS	AP	0	12,965.87	0.00	1.00	12,965.87		1.00	12,965.87			1.00		1.00	12,965.87	100%