

**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

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(Continued On Attached Page)

FINANCIAL DATA	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
SOURCE OF FUNDS: Proposition 111 [Gas Tax] (100%)				Positions To Be Deleted Per A-30 <input type="checkbox"/>
There were no General Funds used in this project				Requires 4/5 Vote <input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY:

Tina Grande

County Executive Office Signature

☒ Policy
☐ Consent
 Dept't Recomm.:
☐ Policy
☐ Consent
 Per Exec. Ofc.:

2013 JUN 13 10:52 AM 3:07
 RECEIVED BY: JUAN C. PEREZ
 COUNTY CLERK OF THE BOARD

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, 1ST 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 Improvement Project

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: Flatiron Electric Group, Inc.

Street or legal description of site: Various Roads

Dated: _____

Owner: County of Riverside
(Name of Public Entity)

By: _____
Chairman, Board of Supervisors

STATE OF CALIFORNIA)

ss

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

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

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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

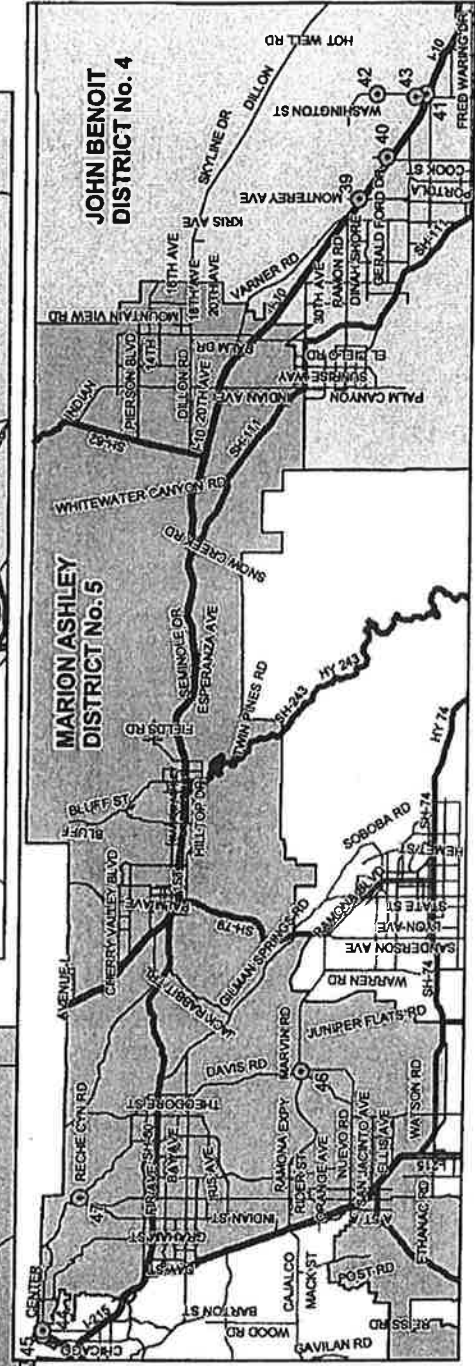
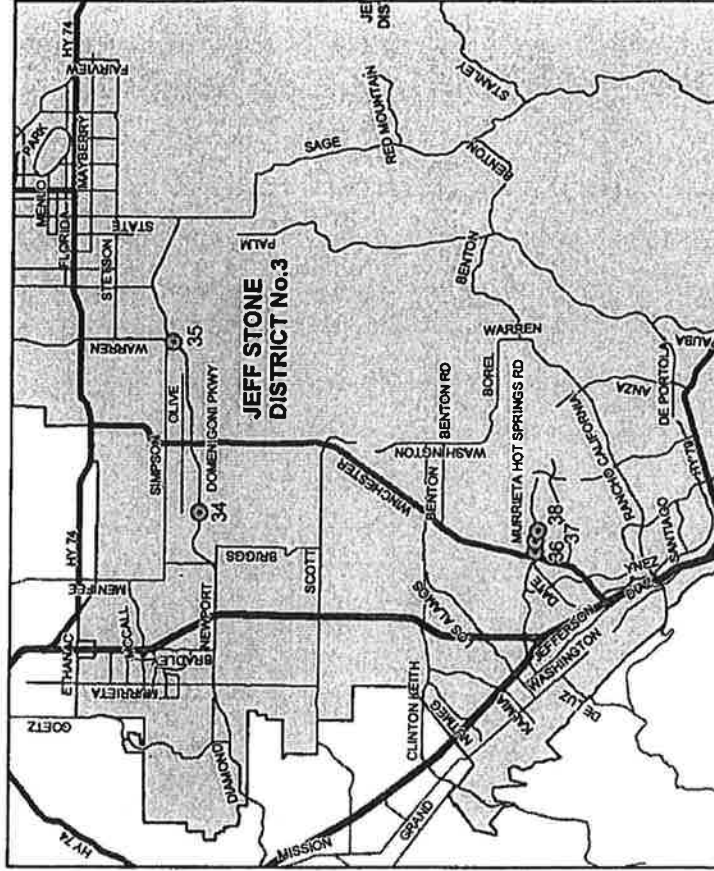
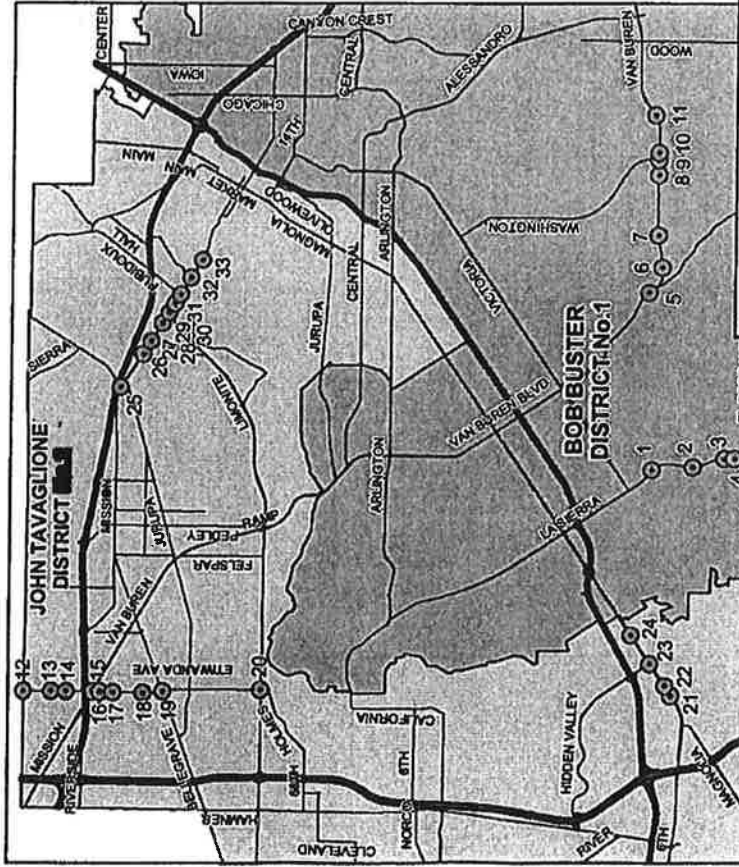
\$12,965.87

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 or legal responsibility for any information contained on this map. Data and information represented on this map is subject to updates, modifications and corrections. The County of Riverside reserves the right to add, delete and other numbers should be queried for the most current information. 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 Backup System and LED Module 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. 6 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	
PROJECT TOTAL															

Made by: Ivan Mendoza
Checked by: Hy 4-8-13
OK Const. Supv. [Signature]

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

Start Date: 6-3-11
End Date: 7-25-11
% \$ Complete: 100%
Original Contract: \$239,685.00
Amended Contract: \$252,650.87

TOTAL VALUE OF WORK TO DATE: \$251,885.87
LESS RETENTION: 0%
TOTAL DUE TO DATE: \$251,885.87
LESS PREVIOUSLY INVOICED: 158,167.28
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 Improvement										Contractor: Flatiron Electric Group, Inc.		Estimate No. 5 Final - Revised			
County Project No.: 89-0986										Address: 7911-A Pine Avenue		From: November 26, 2012			
Contract No.: 10-12-005										City, State, Zip: Chino, CA 91708		To: March 25, 2013			
Item No.	Item Description	Units	Quantity	Unit Price	Original Contract Amount	Change Authorized		Total Authorized		This Estimate		Previous Quantity	Total Estimate To Date		% Auth.
						Quantity	Amount	Quantity	Amount	Quantity	Amount		Quantity	Amount	
1	TRAFFIC CONTROL SYSTEM	LS	1	500.00	500.00			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	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	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	26,571.00			503.00	503.00	25,653.00	97%
5	12" GREEN BALL TRAFFICSIGNAL MODULE	EA	496	59.00	29,264.00			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	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	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	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	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	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%