



# AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING  
Meeting Date: August 19, 2014

Agenda Item 66

**Approvals:**

City Manager [Signature]  
Dept. Head [Signature]  
Attorney [Signature]  
Finance [Signature]

**Department:** Public Works / Engineering  
**Prepared By:** Jane Mrotek, Assistant Engineer

**Subject:** CITY COUNCIL ACCEPTANCE AND NOTICE OF COMPLETION FOR THE FY 2013 TRAFFIC SIGNAL EQUIPMENT UPGRADES, PROJECT NOS. 10811, 12334 & 12335.

**Fiscal Impact:** None. The projects were completed within the budgeted amount.

**Summary:** KDC, Inc. dba Dynalectric has completed the installation of various traffic signal equipment upgrades according to the contract budget and schedule. Staff recommends that Council accept the following projects:

- Traffic Signal & Electrical Services Cabinets, Project No. 10811
- Battery Backup Systems, Project No. 12334
- Traffic Signal Light-Emitting Diode (LED) Replacements, Project No. 12335

**Background:** The contract was awarded to Dynalectric on August 20, 2013 for upgrading traffic signal equipment at various locations. Summary of the work completed includes:

- Replaced two deteriorated traffic signal controller cabinets with stainless steel cabinets.
- Upgraded three existing battery backup systems to higher run-time capacity units.
- Replaced existing incandescent traffic signal lamps with energy-efficient LED lamps at 32 intersections.
- Installed ADA-compliant pedestrian push buttons at 14 locations.
- Installed additional 100 foot electrical conduit required by San Diego Gas & Electric.
- Installed a red light running indicator LED requested by the Orange County Sheriff.

**Discussion:** The combined total budgeted amount for all three projects is \$430,000 from the Facility Maintenance Reserve Fund, Account No. 014-817-45300. The project was completed with the budgeted amount with the following expenditures:

Construction Contract	\$337,410
Additional Work & Change Orders	14,545
Design, Inspection & Administration	15,000
<b>Estimated Final Project Cost:</b>	<b>\$366,955</b>

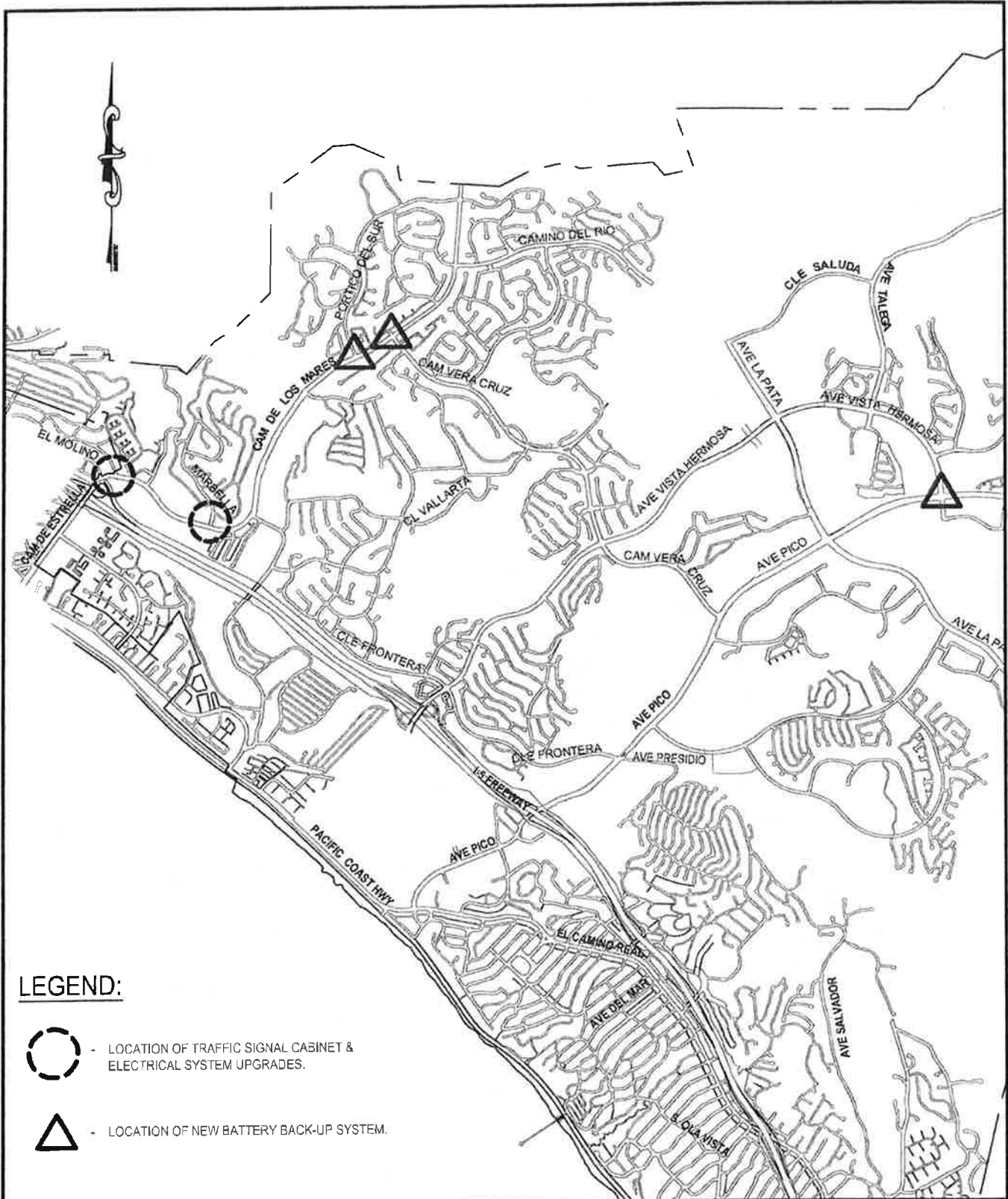
**Recommended**

**Action:** STAFF RECOMMENDS THAT the City Council:

1. Accept the FY 2013 Traffic Signal Equipment Upgrades: Traffic Signal Cabinet & Electrical Services, Project No. 10811, Battery Backup System, Project No. 12334, and LED Traffic Light Replacement, Project No. 12335 from the Contractor, KDC, Inc. dba Dynalectric;
2. Authorize the Mayor to execute and the City Clerk to record the Notice of Completion for FY 2013 Traffic Signal Equipment Upgrades: Traffic Signal Cabinet & Electrical Services, Project No. 10811, Battery Backup System, Project No. 12334, and LED Traffic Light Replacement, Project No. 12335;
3. Authorize the City Clerk to release the Payment Bond 35 days from the recordation of the Notice of Completion upon verification with the Engineering Division that no liens have been levied against the Contractor, KDC, Inc. dba Dynalectric; and
4. Authorize the City Clerk to release the Performance Bond upon receipt of a Warranty Bond in the amount of 25% of the construction cost.

- Attachments:**
1. Location Map
  2. LED Location Listing
  3. Notice of Completion

**Notification:** None.



**LEGEND:**



- LOCATION OF TRAFFIC SIGNAL CABINET & ELECTRICAL SYSTEM UPGRADES.



- LOCATION OF NEW BATTERY BACK-UP SYSTEM.

Prepared in the office of

**City of San Clemente**

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**LOCATION MAP**

FY 2013 TRAFFIC SIGNAL CABINETS &  
BATTERY BACKUP SYSTEM  
PROJECT Nos. 10811 & 12334

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**FY 2013 LED TRAFFIC SIGNAL LIGHT REPLACEMENT  
PROJECT No. 12335**

No.	LOCATION
1	Avenida La Pata / Calle Saluda
2	Avenida La Pata / Avenida Vista Hermosa
3	Avenida La Pata / Fire Station
4	Avenida La Pata / Traffix Devices
5	Avenida Pico / Avenida Vista Hermosa W.
6	Avenida Pico / Calle Alicante
7	Avenida Pico / Camino Celosia
8	Avenida Pico / Courtyard
9	Avenida Pico / Reclamation Plant
10	Avenida Pico / Triton Way
11	Avenida Talega / Calle Saluda
12	Avenida Talega / Calle Careyes
13	Avenida Talega / Calle Portofino
14	Avenida Talega / Camino Viento Fuerte
15	Avenida Vista Hermosa / Avenida Talega
16	Avenida Vista Hermosa / Calle Frontera
17	Avenida Vista Hermosa / Camino Faro / Camino Laurel

**FY 2013 LED TRAFFIC SIGNAL LIGHT REPLACEMENT  
PROJECT No. 12335**

<b>No.</b>	<b>LOCATION</b>
18	Avenida Vista Hermosa / Camino La Pedriza
19	Avenida Vista Hermosa / Via Turqueza
20	Avenida Vista Hermosa / Via Suerte
21	Avenida Vista Hermosa East / Target / Sports Park
22	Calle Amanecer / Calle Negocio
23	Calle Saluda / Avenida Fresas
24	Calle Saluda / Liberty Park
25	Camino Vera Cruz / Avenida Vista Hermosa
26	Camino Vera Cruz / Calle De Los Arboles
27	Camino Vera Cruz / Colina Rodante
28	El Camino Real / Avenida Pico
29	El Camino Real / Estacion
30	El Camino Real / San Luis Rey
31	Ola Vista / Avenida Del Mar
32	Pacific Coast Hwy / Camino San Clemente

<p>Exempt recording requested by the City of San Clemente per Gov. Code Sec. 6103</p> <p>_____ City Clerk</p> <p>When Recorded Mail To:</p> <p>City Clerk City of San Clemente 100 Avenida Presidio San Clemente, CA 92672</p>	
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Space above this line for Recorder's use

**NOTICE OF COMPLETION**

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:** Traffic Signal Equipment Upgrades: Traffic Signal & Electrical Services Cabinets, Project No. 10811; Battery Backup Systems, Project No. 12334; and Traffic Signal LEDs, Project No. 12335.

**Date of completion:** June 30, 2014

**Name of owner:** City of San Clemente

**Interest or estate of owner:** Public Right of Way

**Address of Owner:** 100 Avenida Presidio, San Clemente, CA 92672

**Name of contractor:** KDC, Inc. dba Dynalectric of Los Alamitos, CA

**Street address or legal description of site:** Camino De Los Mares at El Molino, Marbella, Portico Del Sur and Camino Vera Cruz; Avenida Vista Hermosa at Aveninda Pico; and various signalized intersections in San Clemente, California.

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

Owner: City of San Clemente

Mayor \_\_\_\_\_

STATE OF CALIFORNIA )  
COUNTY OF ORANGE ) ss  
CITY OF SAN CLEMENTE )

I am the City Clerk of the City of San Clemente, the public entity which executed the foregoing notice, and on whose behalf I make this verification: I have read said notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

City Clerk \_\_\_\_\_

Dated this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_