

**Meeting Date: 5/14/2013**

**Report Type:** Consent

**Report ID:** 2013-00376



**Title: Change Order and Transfer of Funds: Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700)**

**Location:** Intersection of Rio Linda Boulevard and Bell Avenue. (District 2)

**Issue:** Change Order No. 2 is necessary to complete the project and requires City Council approval. Additional funding in the amount of \$52,000 is required to cover the change order and complete the project.

**Recommendation:** Pass a Resolution: 1) authorizing the City Manager or his designee to execute Change Order No. 2 to City Agreement No. 2012-0451 with Western Engineering in an amount not to exceed \$24,704 for the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700); 2) ratifying Change Order No. 1 to City Agreement No. 2012-0451 with Western Engineering and resetting the City Manager's authority to issue change orders for City Agreement No. 2012-0451; 3) transferring funds in the amount of \$52,000 (Fund 2001) from the Major Streets Improvement Project (T15138000) to the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700); and 4) resetting the administrative authority for the Major Street Improvement Project (T15138000).

**Contact:** Ofelia Avalos, Associate Engineer (916) 808-5515; Nicholas Theocharides, Engineering Services Manager (916) 808-5065, Department of Public Works

**Presenter:** None

**Department:** Public Works Department

**Division:** Civil & Electrical Design

**Dept ID:** 15001131

**Attachments:**

- 1- Description/Analysis
- 2 - Background
- 3 - Resolution
- 4 - Exhibit A - Location Map
- 5 - Change Order No. 2 - Western Engineering

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**City Attorney Review**

Approved as to Form  
Gerald Hicks  
5/7/2013 3:24:16 PM

**City Treasurer Review**

Reviewed for Impact on Cash and Debt  
Russell Fehr  
4/25/2013 11:00:39 AM

**Approvals/Acknowledgements**

Department Director or Designee: Jerry Way - 5/6/2013 3:31:54 PM



## Description/Analysis

**Issue:** Change Order No. 2 in the amount of \$24,704 for the construction contract with Western Engineering for the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700) will compensate the contractor for increases in the bid quantities related to replacing deteriorated asphalt concrete and unsuitable material under the road. This additional work is needed to complete the project.

**Policy Considerations:** The action requested herein is consistent with City Code Title 3 and the City's General Plan goals to improve and diversify the transportation system, enhance and preserve the neighborhoods, and improve safety.

**Economic Impacts:** None

### Environmental Considerations:

**California Environmental Quality Act (CEQA):** It has been determined that the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700) pursuant to the requirements of the California Environmental Quality Act (CEQA) is categorically exempt. There is no substantial evidence that the project will have a significant effect on the environment. The Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700) was also evaluated pursuant to the National Environmental Policy Act (NEPA). Under NEPA, it was determined that the Project qualified for a Categorical Exclusion.

**Sustainability Considerations:** The Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S150184700) is consistent with the City's Sustainability Master Plan. It conforms to the Air Quality Focus Area by improving and optimizing transportation infrastructure.

**Other:** None.

**Commission/Committee Action:** None.

**Rationale for Recommendation:** Approval of Change Order No. 2 is necessary for project completion.

**Financial Considerations:** The estimated total project cost is \$778,453. As of April 8, 2013, the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700) has a total budget of \$726,453 consisting of federal funds and local transportation funds. Approval of the transfer of \$52,000 (Fund 2001) from the Major Streets Improvement Project (T15138000) to

the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700) will increase the total budget to \$778,453 and the unobligated balance to \$52,000, which is sufficient to execute the change order in the amount of \$24,704 with Western Engineering and cover remaining project costs.

There are no General Funds planned or allocated for this project.

**Underutilized Disadvantage Business Enterprise (UDBE):** The Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700) is federally funded with UDBE project participation requirements applied at the time of award. Emerging and Small Business Enterprise (E/SBE) requirement were therefore held in abeyance. The UDBE goal for this project was 5.46%. Western Engineering pledged 43.39% UDBE project participation and satisfactorily met the UDBE project goal.

## **BACKGROUND**

This project increases public safety by modifying the existing traffic signal and lane configuration to provide protected left turn movements for all legs approaching the intersection of Rio Linda Boulevard and Bell Avenue. Also, the project will reconstruct all the round corners to provide adequate maneuvering room for school buses to make right turns without crossing into opposing traffic lanes; the project also includes some drainage improvements.

Change Order No. 1 with Western Engineering in the amount of \$39,293 compensated the contractor for the field changes needed to convert the existing signalized intersection into a four-way-stop controlled intersection during the construction of the project to properly and safely place the new traffic signal at its ultimate location. This change order also included underground storm drain work, removal of trees, temporary striping and signage, and additional push buttons.

Change Order No. 2 with Western Engineering in the amount of \$24,704 covers increased quantities for items such as asphalt concrete, and base repair due to deteriorated roadway areas.

Construction is expected to be completed in May 2013.



## **RESOLUTION NO.**

Adopted by the Sacramento City Council

### **RIO LINDA BOULEVARD AND BELL AVENUE SIGNAL UPGRADE PROJECT (S15084700) - APPROVE CHANGE ORDER NO. 2 AND TRANSFER OF FUNDS**

#### **BACKGROUND**

- A. This project will increase public safety by modifying the existing traffic signal and lane configuration to provide protected left turn movements for all legs approaching the intersection of Rio Linda Boulevard and Bell Avenue. The project will also reconstruct all the round corners to provide adequate maneuvering room for school buses to make right turns without crossing into opposing traffic lanes; the project also includes drainage improvements.
- B. Change Order No. 1 with Western Engineering in the amount of \$39,293 compensated the contractor for additional construction staging needed to properly and safely place the new traffic signal at its ultimate location. The change order also included underground storm drain work, removal of trees, temporary striping and signage, and additional push buttons.
- C. Change Order No. 2 with Western Engineering in the amount of \$24,704 covers increased quantities for items such as asphalt concrete and base repair due to the deteriorated roadway condition.
- D. Construction is expected to be completed in May 2013.

#### **BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:**

- Section 1. The City Manager or his designee is authorized to execute Change Order No. 2 to City Agreement No. 2012-0451 with Western Engineering in an amount not to exceed \$24,704 for the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700).
- Section 2. Change Order No. 1 to City Agreement No. 2012-0451 with Western Engineering is hereby ratified and the City Manager's authority to issue change orders is reset.

Section 3. The FY2012/13 Capital Improvement Program (CIP) is amended by transferring \$52,000 (Fund 2001) from the Major Streets Improvement Project (T15138000) to the Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700).

Section 4. The City Manager's administrative authority for the Major Streets Improvement Project (T15138000) is reset.

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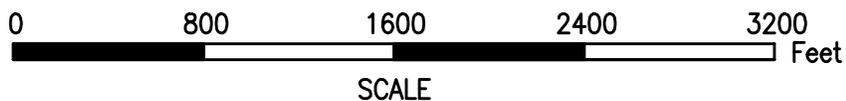
Exhibit A – Map of Rio Linda Boulevard and Bell Avenue Signal Upgrade Project (S15084700)



Location map for:  
**RIO LINDA BOULEVARD & BELL AVENUE  
TRAFFIC SIGNAL UPGRADE PROJECT**  
PN: S15084700



Map Contact: B. KIKSMAN  
Date: APRIL 2013





City of Sacramento  
**CHANGE ORDER**

Project #: S15084700

Contract #: 2012-0451

Purchase Order #:

Change Order #: 2

Sacramento, California

TO: Western Engineering, Contractor

**CONTRACT FOR: Rio Linda Blvd & Bell Avenue Signal Upgrade**

Upon Mutual acceptance of this document by the City of Sacramento, hereinafter referred to as "City", and your firm, hereinafter referred to as "Contractor", in accordance with the terms and conditions of the original contract documents, you are hereby directed to make the following changes for the consideration set forth below:

**Description:**

See Exhibit A

The original contract sum was	\$419,991.00
The net change by previous Change Orders was	\$39,293.37
The contract sum prior to this Change Order was	\$459,284.37
The contract sum will be increased by this Change Order	\$24,704.59
The new contract sum including all Change Orders	\$483,988.96

Contractor agrees that the amount of increase or decrease in the contract sum specified in this Change Order shall constitute full compensation for the work required by this Change Order, including but not limited to all compensation for the additional and/or revised work specified herein, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised work, including any changes disruptions or delays in work schedules or in the performance of other work by Contractor. The time for the performance of the contract is increased by 4 Working Days by reason of the performance of the work required by this Change Order. Except as herein above expressly provided, Contractor further agrees that the performance of the work specified in this Change Order or the rescheduling of other project work made necessary by this Change Order, shall not constitute a delay which will extend the timelimit for completion of the work as said term is used in the contract between the City and the Contractor for the project.

Approval Recommended by:

*Debra Wake*  
Project Manager

Approved by:

*Jimmy Wang* 4-11-13  
City of Sacramento Date

Approved by:

*[Signature]*  
Contractor

Attested to by:

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

Approved as to form:

*[Signature]*  
City Attorney

**Exhibit A**  
**Rio Linda Blvd & Bell Avenue Signal Upgrade**  
**2012-0451**  
03/20/13

<i>Description</i>	<i>Amount</i>
<b>Change Order #2</b>	
<b>PCO # 8.0 Changed/Unforeseen Conditions</b>	\$12,553.83
03/20/13 Extra Work at Force Account to remove unsuitable subgrade and place geogrid fabric at various locations on various days.	
<b>PCO # 10.0 Client Initiated Changes</b>	\$10,061.76
03/20/13 Increase Item No. 7- Asphalt Concrete Pavement to Place by 107.04 tons at \$94/ton = \$6931.56. Balancing this item to the actual placed quantity.	
<b>PCO # 11.0 Client Initiated Changes</b>	\$11,356.00
03/20/13 Increase Item No. 8 - Base Repair Section to Remove and Replace by 668 SF at \$17/SF = \$11,356. Balancing this item to the actual placed quantity.	
<b>PCO # 14.0 Client Initiated Changes</b>	\$1,520.00
03/20/13 Increase Item No. 32 - Pavement Markings to Remove by 304 LF at \$5/LF = \$1520. Balancing this item to the actual placed quantity.	
<b>PCO # 16.0 Client Initiated Changes</b>	(\$7,371.00)
03/20/13 Decrease Item No. 6 - AGGREGATE BASE TO PLACE by 189 ton at \$39/ton = \$7371. Balancing this item to the actual placed quantity.	
<b>PCO # 17.0 Client Initiated Changes</b>	(\$154.00)
03/20/13 Decrease Item No. 10 - 3 1/2" PCC SIDEWALK TO CONSTRUCT by 35 SF at \$4.40/SF = \$154. Balancing this item to the actual placed quantity.	
<b>PCO # 18.0 Client Initiated Changes</b>	(\$1,862.00)
03/20/13 Decrease Item No. 12 - Curb and Gutter Type 2 To Construct by 98 LF at \$19/LF = \$1862. Balancing this item to the actual placed quantity.	
<b>PCO # 19.0 Client Initiated Changes</b>	(\$600.00)
03/20/13 Decrease Item No. 16 - Wood post (3') to relocate by 4 at \$150.00 EA. Balancing this item to the actual placed quantity	
<b>PCO # 20.0 Client Initiated Changes</b>	(\$800.00)
03/20/13 Decrease Item No. 18 - Maintenance hole to adjust to grade by 1 EA at \$800.00. Balancing this item to the actual placed quantity:	
9 Items	<b>Total for Change Order # 2</b>
	<b>\$24,704.59</b>

9 Items	Total for Contract # 2012-0451	\$24,704.59
<i>Totals By Reason</i>	Changed/Unforeseen Conditions	\$12,553.83
	Changes to Bid Documents	\$0.00
	Client Initiated Changes	\$12,150.76