

**Meeting Date: 7/30/2013**

**Report Type:** Consent

**Report ID:** 2013-00572

**Title: Change Order No. 3: Sacramento Intermodal Transportation Facility (SITF), Sacramento Railyards West Tunnel Ramps Project (T15029000)**

**Location:** Beneath the I-5 Freeway, North of Front Street, West of the Sacramento Valley Amtrak Station, District 3

**Issue:** The City Code requires City Council approval of change orders equal to or greater than \$100,000.

**Recommendation:** Pass a Motion 1) approving Change Order No. 3 to City Agreement No. 2012-0767 with Granite Construction in the amount of \$359,367; and 2) resetting the City Manager's authority for the construction contract with Granite Construction.

**Contact:** Marc Lee, Associate Engineer (916) 808-7481; Nicholas Theocharides, Engineering Services Manager, (916) 808-5065, Department of Public Works

**Presenter:** None

**Department:** Public Works Department

**Division:** Construction Inspect & Survey

**Dept ID:** 15001141

**Attachments:**

- 1-Description/Analysis
- 2-Background
- 3-Exhibit A (Location Map)
- 4-Change Order No. 3 (Granite)

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**City Attorney Review**

Approved as to Form  
Gerald Hicks  
7/24/2013 9:24:59 AM

**City Treasurer Review**

Reviewed for Impact on Cash and Debt  
John Colville  
7/17/2013 3:34:02 PM

**Approvals/Acknowledgements**

Department Director or Designee: Jerry Way - 7/24/2013 7:49:21 AM

## Description/Analysis

**Issue:** The Sacramento Railyards West Tunnel Ramps Project consists of constructing two tunnel ramps and associated lighting and hardscape improvements for the west Railyards tunnel, which provides pedestrian access between Old Sacramento and the Central Shops. The project was advertised and bids were received on August 15, 2012. Granite Construction Company (Granite) was the lowest responsive and responsible bidder and was awarded the construction contract on September 11, 2012.

Change Order No. 3 provides for the construction of a concrete topping slab at the north and south entry portals, roll down gates at the north and south tunnel openings and removal of man-made buried objects and impacted soil. City Council approval is necessary to add this additional work to the Granite construction contract. The cost of this work is paid for on a time and materials basis, or as an agreed upon lump sum with supporting force account analysis, or as an extension of bid quantities as indicated in the attached change order.

**Policy Considerations:** The action requested herein is consistent with the Sacramento City Code, Title 3 and with the City of Sacramento General Plan goals of achieving sustainability and neighborhood livability.

**Economic Impacts:** This new infrastructure is expected to create 1.44 total jobs (0.83 direct jobs and 0.61 jobs through indirect and induced activities) and create \$221,886.05 in total economic output (\$139,856.47 of direct output and another \$82,029.58 of output through indirect and induced activities).

*The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.*

## **Environmental Considerations:**

**California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA):** The Sacramento Intermodal Transportation Facility Phase 1 Project, Track Relocation, (Project Number T15029005 for design) is subject to review under both CEQA and NEPA. The West Tunnel Ramps were part of the original scope of the Track Relocation Project. The City is the CEQA lead agency and the Federal Highway Administration (FHWA) is the NEPA lead agency for the Project. On June 2, 2009, the City Council approved a Mitigated Negative Declaration under CEQA, and a Notice of Determination was filed on June 8, 2009. On March 27, 2009, FHWA released the Environmental Assessment and Section 4(f) Evaluation Report for public review. FHWA also consulted with the State Office of Historic Preservation (SHPO) in accordance with Section 106 and on August 28, 2009, entered into a Programmatic Agreement, including the City, Caltrans, the Federal Railroad Administration (FRA) and the Federal Transit Administration (FTA) as signatories. On August 31, 2009, FHWA issued a Finding of No Significant Impact (FONSI) and authorized the City to implement Phases 1 and 2 of the Intermodal project. On March 15, 2010, FRA issued its separate FONSI.

Subsequent minor changes that involve historic resources and changes in the Area of Potential Effect have been submitted to Caltrans and SHPO per the terms of the Programmatic Agreement. Therefore, all requirements of CEQA, NEPA and Sections 4(f) and 106 under state and federal laws have been met and no further environmental review is required to approve the proposed actions.

**Sustainability Considerations:** The Sacramento Railyards West Tunnel Ramps Project will provide a connection between Old Sacramento to the Railyards Site by providing access to the West Tunnel (which is being built with the Railyards Track Relocation project). The Sacramento Railyards West Tunnel Ramps Project will facilitate the future development of the Intermodal facility by providing an alternate pedestrian connection between downtown and the Railyards. The improvements are consistent with the City's

sustainability goals to provide better accessibility to public transportation.

**Other:** None.

**Commission/Committee Action:** None.

**Rationale for Recommendation:** 1) The changes are necessary for the completion of the excavation and grading, and to complete the project; 2) the project budget is sufficient to cover the cost of the change order and is within the project's construction contingency.

**Financial Considerations:** As of June 1, 2013, the Sacramento Intermodal Transportation Facility (T15029000) and its sub-projects have a total budget of \$141 million and an unobligated balance of \$40 million. The majority of these funds are restricted to specific sub-projects and activities. Of the total funding that has been dedicated for the Sacramento Railyards West Tunnel Ramps portion of the project, \$591,670 is remaining in the unobligated balance which is sufficient to execute the change order with Granite Construction in the amount of \$359,367 and complete construction management for the project.

**Emerging Small Business Enterprise (E/SBE):** The Sacramento Railyards West Tunnel Ramps has federal funding and requires conformance with project participation guidelines for Disadvantaged Business Enterprise (DBE) /Underutilized Disadvantaged Business Enterprises (UDBE) in lieu of the City of Sacramento Emerging and Small Business Enterprise (ESBE) program requirements. Granite has attained a 3.83% UDBE participation, which meets the UDBE goal of 3.72%.

## **Background Information:**

The Sacramento Railyards West Tunnel Ramps Project will provide a connection between Old Sacramento and the Railyards site by providing access to the West Tunnel (which is being built with the Railyards Track Relocation project). The access is provided by constructing ramps and stairways at each end of the West Tunnel. The project will improve access and circulation within downtown Sacramento and facilitate development of the Railyards project.

### Project Scope

The scope of the project includes: 1) constructing two ramps, 2) two stairways, 3) ramp waterproofing, 4) excavation and handling of impacted soils, 5) controlling ground water and stabilizing soil; 6) lighting and electrical work; and 7) hardscape improvements around the ramp areas.

### Construction

On September 11, 2012, the Sacramento Railyards West Tunnel Ramps construction contract was awarded to Granite Construction as the lowest responsive and responsible bidder with a bid of \$2,890,400. Construction is anticipated to be fully completed in August 2013.

Approval of this change order provides for changes necessary for the completion of the project and various upgrades requested by the project stake holders.

### Project Change Orders

There have been two change orders previously approved, totaling \$192,543. All change order items of work were necessary for the completion of the project.

Some of the major items of work included in Change Orders No. 1 and No. 2 were additional painting for the west tunnel walls in lieu of anti-graffiti coating, fencing modifications to secure the ramps, and site changes to incorporate the final location of the trash enclosure.

### Project Construction Funding

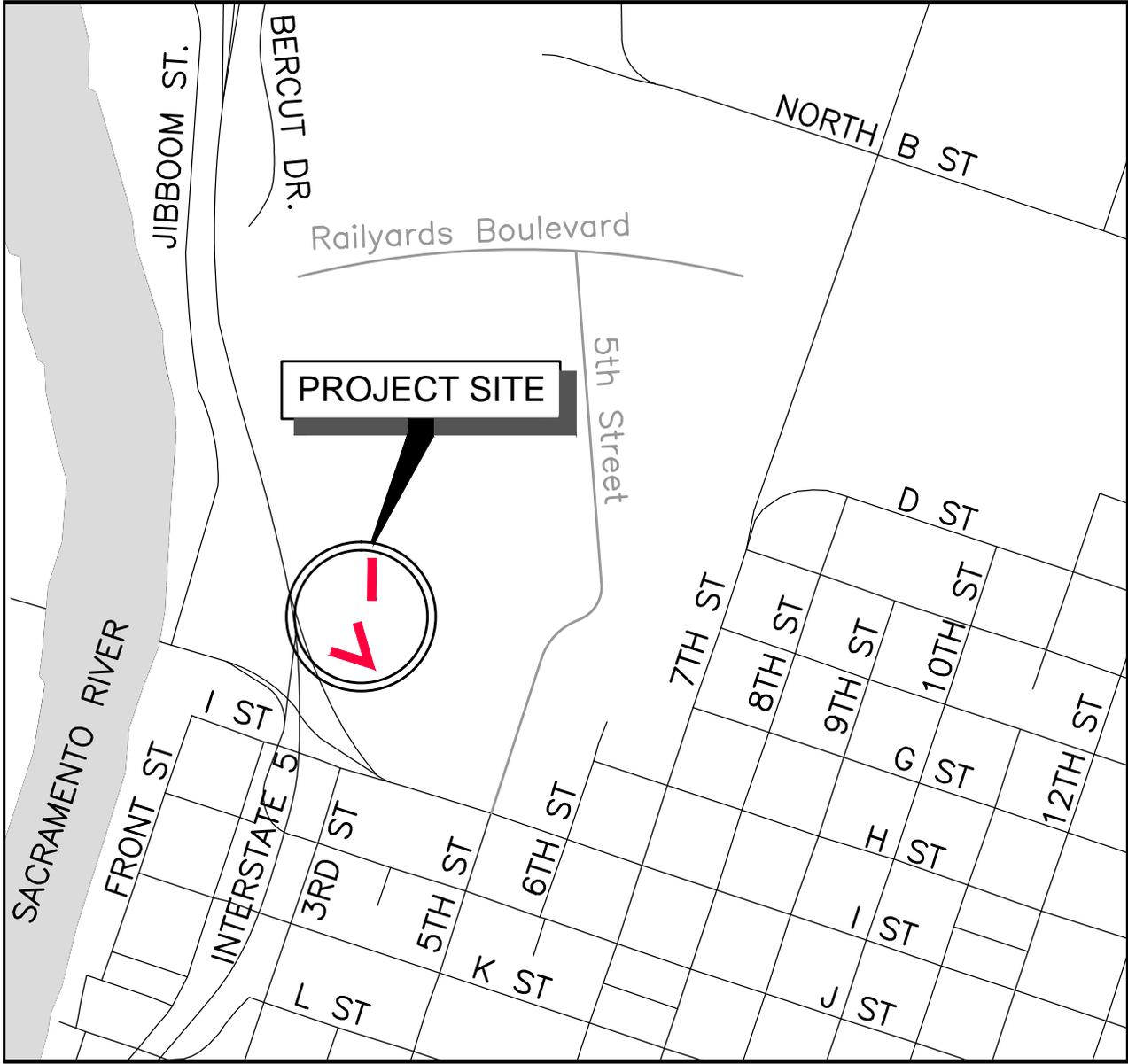
The Sacramento Railyards West Tunnel Ramps were originally part of the Track Relocation construction project, but were deferred when that project bid came in over budget in April 2010. Subsequently, funding for the project

became available from federal funding (approximately \$3.4 million) and local transportation funds and developer contributions.

Location map for:

# Sacramento Intermodal Transportation Facility (SITF)

PN: T15029000



Date: July 2013



SCALE



City of Sacramento  
**CHANGE ORDER**

Project #: T15029030  
Contract #: 2012-0767  
Purchase Order #:

Change Order #: 3

Sacramento, California

TO: Granite Construction, Contractor

**CONTRACT FOR: Sacramento Railyards West Tunnel Ramps**

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	\$2,890,400.00
The net change by previous Change Orders was	\$192,543.47
The contract sum prior to this Change Order was	\$3,082,943.47
The contract sum will be increased by this Change Order	\$359,367.46
The new contract sum including all Change Orders	\$3,442,310.93

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 55 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:

 \_\_\_\_\_  
Project Manager

Approved by:

 \_\_\_\_\_  
City of Sacramento Date

Approved by:

 \_\_\_\_\_  
Contractor

Attested to by:

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

Approved as to form:

 \_\_\_\_\_  
City Attorney

**Exhibit A**  
**Sacramento Railyards West Tunnel Ramps**  
**2012-0767**  
**05/31/13**

<i>Description</i>	<i>Amount</i>
<b>Change Order #3</b>	
<b>PCO # 12.0 Client Initiated Changes</b>	<b>\$88,010.95</b>
05/31/13 VCA PCO #28 Roll Down Grates for North and South Tunnel Opennings. This Change provides authorization for the labor, equipment and materials required to provide 2ea Coiling roll gates with 6 hour battery backup for the north and south entrances of the West Tunnel Ramps Project. All work to be performed per applicable specifications and as directed by Engineer. The cost associated with this change shall be paid as agreed lump sum included in Contractor Letter VC_018. This change results in 10 working days time extension to the project.	
<b>PCO # 13.0 Client Initiated Changes</b>	<b>\$4,511.15</b>
05/31/13 VCA PCO #29 Electrical Scope Gap for Feeder Wire. This Change provides authorization for the labor, equipment and materials required to provide additional feeder power from Track Relocation Project to the new West Tunnel Ramp Project. All work to be performed per applicable specifications and as directed by Engineer. The cost associated with this change shall be paid as agreed lump sum included in Contractor Letter VC_018. This change results in zero time impacts to the project	
<b>PCO # 14.0 Client Initiated Changes</b>	<b>\$1,975.43</b>
05/31/13 VCA PCO # 31 Additional Funds for PCO no.027 Fence Modification. This work includes to furnish and install 6'-0" black vinyl fence and 2ea 20'-0" gates located on the south and north ramps, originally included in CCO no.1. The price also includes ornamental fence modifications and additions at the south ramp area. Work associated with this change are included in Extra Work Bill no.0009 (\$1,122.83) and Granite Letter VC_0019 (\$852.60). Cost associated with this change will also be paid accordance with section 8-10, "Payment by Cost and Percentage", of the City Standard Specifications. This change results in zero time impacts to the project.	
<b>PCO # 15.0 Client Initiated Changes</b>	<b>\$694.68</b>
05/31/13 VCA PCO no. 30 - Additional Funds for PCO # 09 ADA Stall Work. This change provides the labor, equipment, and materials required to provide and relocate 2 ADA parking Stalls, originally include in CCO no.1. Work associated with this change are included in Extra Work Bill no. 0011. Cost associated with this change will also be paid accordance with section 8-10, "Payment by Cost and Percentage", of the City Standard Specifications. This PCO provides for all Labor, equipment and materials associated with this change and no further payment shcall be made. This change results in zero time impacts to the project.	
<b>PCO # 16.0 Changed/Unforeseen Conditions</b>	<b>\$35,000.00</b>
05/31/13 VCA PCO #3 & 4 Man Made Burried Objects and Impacted Soil . This change provides authorization for labor, equipment and material to perform work as follow: 1. Remove encountered man-made buried objects which includes exposure, removal and disposal 2. a.) Impacted soils handling by contract is to be excavated and stockpiled adjacent to excavation. B.) Capping of the existing bentonite slurry with a stabilizing sand cement slurry in lieu of complete excavation and backfill. All work to be performed per applicable specifications and as directed by Engineer. The cost associated with this change are included in Extra Work Bill no.0002 and .0003. This change resultes in zero time impacts to the project.	
<b>PCO # 17.0 Client Initiated Changes</b>	<b>\$25,000.00</b>
05/31/13 VCA PCO no. 18 Additional Work at North Ramp and Light and Seatwalls. This change provides the labor, equipment, and materials required to provide concrete seatwall and light pole for the North entry portal. Work associated with this change are included in Extra Work Bill no. 0010. Cost associated with this change will also be paid accordance with section 8-10, "Payment by Cost and Percentage", of the City Standard Specifications. This PCO provides for all Labor, equipment and materials associated with this change and no further payment shcall be made. This change results in 0 working days time extension to the project.	

<b>PCO # 18.0</b>	<b>Client Initiated Changes</b>	<b>\$120,000.00</b>
05/31/13	VCA PCO no. 20 - Concrete Topping Slab. This change provides the labor, equipment, and materials required to provide concrete topping slab for the tunnel and North and South entry portals. Work associated with this change are included in Extra Work Bill no. 0014. Cost associated with this change will also be paid accordance with section 8-10, "Payment by Cost and Percentage", of the City Standard Specifications. This PCO provides for all Labor, equipment and materials associated with this change and no further payment shall be made. This change results in 19 working days time extension to the project.	
<b>PCO # 19.0</b>	<b>Client Initiated Changes</b>	<b>\$28,000.00</b>
05/31/13	VCA PCO # 24 Additional Funding for Fence and lighting at Trash Enclosure Area and Amtrack storage area . This change provides the labor, equipment, and materials required to provide fencing with wire mesh, concrete pad, concrete apron, rear around the trash enclosure. Install stripping for walkway at parking lot leading to amtrack sidewalk, originally included in CCO no.2. Work associated with this change are included in Extra Work Bill no.0012. Cost associated with this change will also be paid accordance with section 8-10, "Payment by Cost and Percentage", of the City Standard Specifications. This change results in 21 working days extension to the project resulting from procurement from electrical equipment.	
<b>PCO # 20.0</b>	<b>Client Initiated Changes</b>	<b>\$46,000.00</b>
05/31/13	VCA PCO # 26. This change provides the labor, equipment, and materials required to provide asphalt paving in amtrack storage area. Work associated with this change are included in Extra Work Bill no.0013. Cost associated with this change will also be paid accordance with section 8-10, "Payment by Cost and Percentage", of the City Standard Specifications. This change results in 0 working days extension to the project resulting from procurement from electrical equipment.	
<b>PCO # 21.0</b>	<b>Client Initiated Changes</b>	<b>\$10,175.25</b>
05/31/13	VCA PCO # 32 Re-grading Drainage Area West of North Ramp. This change provides the labor, equipment, and materials required to provide re-grading drainage area located at the west side of the north ramp. Work associated with this change are included in Granite Letter VC_0021 (\$10,175.25). Cost associated with this change will also be paid accordance with section 8-10, "Payment by Cost and Percentage", of the City Standard Specifications. This change results in 5 working days extension to the project.	

10 Items                      Total for Change Order # 3                      **\$359,367.46**

10 Items	Total for Contract # 2012-0767	\$359,367.46
<i>Totals By Reason</i>	Changed/Unforeseen Conditions	\$35,000.00
	Changes to Bid Documents	\$0.00
	Client Initiated Changes	\$324,367.46