

# PROJECT DELIVERY REPORT

## Trade Corridors Improvement Fund

The submitting agency will be responsible for maintaining documentation of the information entered on this report.  
(Please type your response, handwritten reports will not be accepted)

### A. Project Information

Date: 14-Oct-16

TCIF # (Segment): 22 Other Project Identifier (EA, Project #, PPNO, etc): TCIF-5006(712)

Project Title: South Wilmington Grade Separation

Delivery Report: ☒ Final- Due within six months of project becoming operable.  
☐ Supplemental - Due at the conclusion of all project activities.

Location: County: Los Angeles City: Wilmington

Project Description: Grade separation to separate vehicle/truck traffic from active rail line.

### B. Contact Information

Implementing Agency: Port of Los Angeles Caltrans District Number: 7

Contact Person: Guillermo Martinez Jr., P.E. Phone: 310-732-3090

Email Address: gmartinez@portla.org

C. Cost				
	Adopted Program Amount (\$)	Current Approved Amount (\$)	Actual Expended Amount (\$)	Net Difference (Dollars)
<b>Environmental</b>				
Total Amount	\$0	\$520,000	\$0	\$520,000
<b>Design</b>				
Total Amount	\$4,284,000	\$6,631,000	\$5,658,015	\$972,985
<b>Right of Way</b>				
Total Amount	\$0	\$0	\$0	\$0
<b>Construction</b>				
TCIF	\$17,000,000	\$15,021,000	\$11,690,432	\$3,330,568
Local	\$46,820,960	\$19,288,000	\$16,798,411	\$2,489,589
Federal	\$0	\$0	\$0	\$0
Other	\$0	\$33,384,000	\$23,337,757	\$10,046,243
<b>Totals</b>	\$68,104,960	\$74,844,000	\$57,484,615	\$17,359,385

D. Schedule				
	Adopted Program Date	Current Approved Date	Actual Begin/End Date	Net Difference (Months)
<b>Environmental Phase</b>				
Begin	06/01/05	06/01/05	06/01/05	0
End	04/05/06	11/15/11	02/13/06	-70
<b>Design (PS&amp;E) Phase</b>				
Begin	07/01/07	06/01/05	07/01/07	25
End	07/01/10	04/27/12	01/13/12	-4
<b>Right of Way Phase</b>				
Begin	07/01/07	07/01/07	07/01/07	0
End	12/30/11	06/07/12	06/07/12	0
<b>Construction Phase</b>				
Begin	01/01/11	11/01/12	11/01/12	0
End	01/31/13	11/01/14	03/30/15	5
<b>Closeout Date</b>				
Begin	02/01/13	11/01/14	11/01/14	0
End	08/30/13	11/01/15	11/30/15	1

**E. Amendments****List approved amendments**

<b>Amendment #</b>	<b>CTC Meeting</b>	<b>Summary of Changes (Scope, Cost, Schedule)</b>
TCIF-P-1112-46	June 27, 2012	Revised schedule (See Section D above), costs (See Section C above) and funding plan.
TCIF-AA-1415-08	March 26, 2015	Reduced grant amount from \$17,000,000 to \$15,021,000 (See Section C above).

**F. Project Benefits****Describe and compare project benefits with those included in the approved Baseline Agreement.**

<b>Outcomes</b>	<b>Adopted Program</b>	<b>Current Approved</b>	<b>Actual</b>
Safety	The conflict between trucks/vehicles and trains will be eliminated.	The conflict between trucks/vehicles and trains will be eliminated.	Conflict has been eliminated.
Velocity	Removal of conflict stated in "Safety" section will improve LOS and reduce delays resulting in improved Velocity, Throughput and Reliability of the system.	Removal of conflict stated in "Safety" section will improve LOS and reduce delays resulting in improved Velocity, Throughput and Reliability of the system.	Conflict has been eliminated resulting in better velocity within the system due to improved LOS and delays.
Throughput	Removal of conflict stated in "Safety" section will improve LOS and reduce delays resulting in improved Velocity, Throughput and Reliability of the system.	Removal of conflict stated in "Safety" section will improve LOS and reduce delays resulting in improved Velocity, Throughput and Reliability of the system.	Conflict has been eliminated resulting in better throughput within the system due to improved LOS and delays.
Reliability	Removal of conflict stated in "Safety" section will improve LOS and reduce delays resulting in improved Velocity, Throughput and Reliability of the system.	Removal of conflict stated in "Safety" section will improve LOS and reduce delays resulting in improved Velocity, Throughput and Reliability of the system.	Conflict has been eliminated resulting in better reliability within the system due to improved LOS and delays.
Congestion Reduction	Existing and future level of service will improve from an unacceptable F to A (free flow conditions).	Existing and future level of service will improve from an unacceptable F to A (free flow conditions).	LOS is currently estimated at A.
Emissions Reductions	Air Emission Reductions (Tons) by 2030 as are follows: ROG (1.8), CO (12.4), Nox (9.7), Sox (0.0), PM (0.2), PM10 (0.2) and PM2.5 (0.2).	Air Emission Reductions (Tons) by 2030 as are follows: ROG (1.8), CO (12.4), Nox (9.7), Sox (0.0), PM (0.2), PM10 (0.2) and PM2.5 (0.2).	TBD by 2030

**G. Differences/Variances**

**Describe differences/variances (if any) and reason for, between approved scope, cost, schedule, and actual.**

Design was delayed due to utility coordination complexities. However, Design was completed 4 months ahead of approved schedule. The project was required to be rebid after the lowest bidder was deemed non-responsive, and construction progress was initially delayed by third party utility relocation work resulting in a 5 month delay to the Construction End date.

**H. Lessons-Learned/Best Practices**

**Describe lessons-learned and best practices for future projects.**

Issue: Third Party surveyors delayed construction of MSE walls. Lesson Learned: Use in-house surveyors in the future. Issue: Some utility as-built information was outdated on the plans. Lesson Learned: Use Ground Penetrating Radar (GPR) to confirm as built in the future. Issue: Third Party Utilities very slow to relocated during construction. Lesson Learned: Require third party utilities to relocate prior to construction.

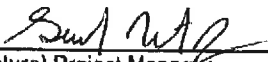
## Certification Signature

### Implementing Agency

I hereby certify to the best of my knowledge and belief, the information in this report is a true and accurate record. The work was performed in accordance with the CTC approved scope, cost, schedules, and benefit information in the Baseline Agreement.

Raymond Williams

(Print name) Project Manager



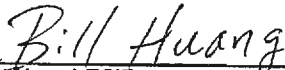
(Signature) Project Manager

10/10/2016

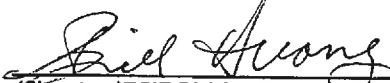
Date

### Caltrans

The TCIF Division Program Coordinator and/or the Project Manager from the California Department of Transportation has reviewed the information contained in this report and has verified the information presented is correct.



(Print Name) TCIF Division Program Coordinator/Project Manager



(Signature) TCIF Division Program Coordinator/Project Manager

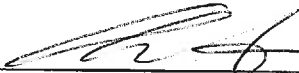
10/31/2016

Date

The TCIF Program Lead from the California Department of Transportation has reviewed the information contained in the report and concurs with the approval.



(Print Name) TCIF Program Lead



(Signature) TCIF Program Lead

10/7/16

Date

Distribution: 1) Local Agency, 2) Division Program Coordinator/Project Manager, 3) TCIF Program Lead, 4) CTC