

# 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: 10/31/2016

TCIF # (Segment): 36 Other Project Identifier (EA, Project #, PPNO, etc): \_\_\_\_\_

Project Title: Placentia Avenue Grade Separation

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

Location: County: Orange City: Placentia and Fullerton

Project Description: Grade separation of existing street crossing of BNSF

### B. Contact Information

Implementing Agency: OCTA Caltrans District Number: 12

Contact Person: Ross Lew Phone: (714)560-5775

Email Address: rlaw@octa.net

### C. Cost

	Adopted Program Amount (\$)	Current Approved Amount (\$)	Actual Expended Amount (\$)	Net Difference (Dollars)
<b>Environmental</b>				
Total Amount	\$0	\$21,000	\$20,000	\$1,000
<b>Design</b>				
Total Amount	\$1,966,000	\$3,401,000	\$4,584,000	-\$1,183,000
<b>Right of Way</b>				
Total Amount	\$10,269,000	\$15,371,000	\$16,378,460	-\$1,007,460
<b>Construction</b>				
TCIF	\$14,934,000	\$9,548,000	\$9,548,000	\$0
Local	\$10,200,000	\$32,502,000	\$7,212,288	\$25,289,712
Federal	\$0	\$0	\$0	\$0
Other	\$0	\$12,000,000	\$17,798,000	-\$5,798,000
<b>Totals</b>	<b>\$37,369,000</b>	<b>\$72,843,000</b>	<b>\$55,540,748</b>	<b>\$17,302,252</b>

### D. Schedule

	Adopted Program Date	Current Approved Date	Actual Begin/End Date	Net Difference (Months)
<b>Environmental Phase</b>				
Begin	01/01/01	01/01/01	01/01/01	
End	05/15/01	05/15/01	01/01/01	-4
<b>Design (PS&amp;E) Phase</b>				
Begin	01/01/09	01/01/09	01/29/09	1
End	09/01/10	09/01/10	06/30/10	-2
<b>Right of Way Phase</b>				
Begin	09/01/08	09/01/08	08/28/08	0
End	03/01/10	03/01/11	03/16/11	1
<b>Construction Phase</b>				
Begin	10/01/10	10/01/11	07/25/11	-2
End	04/01/13	05/01/14	12/18/14	8
<b>Closeout Date</b>				
Begin	04/01/13	05/01/14	12/19/14	8
End	04/01/16	05/01/17	12/30/17	8

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

Resolution TCIF-P-1011-08 Approved 11/04/2010 - Update Cost and Schedule.

Resolution TCIF-LONP-1B-A-1011-10, to substitute TCIF with Measure.

Resolution TCIF-P-1011-21 Approved 5/11/2011 to revise schedule.

Resolution TCIF-P-1112-32, Approved 4/25/2012 to update cost.

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

Outcomes	Adopted Program	Current Approved	Actual
Safety	Eliminate: 1) at-grade crossing, 2) Pedestrians walking across tracks, and 3) Emergency vehicle response delays.	Eliminate: 1) at-grade crossing, 2) Pedestrians walking across tracks, and 3) Emergency vehicle response delays.	Same as Approved
Velocity	Improve railroad velocity by eliminating the potential for train versus vehicle/pedestrian collision.	Improve railroad velocity by eliminating the potential for train versus vehicle/pedestrian collision.	Same as Approved
Throughput	Improve railroad throughput by eliminating the potential for train versus vehicle/pedestrian collision.	Improve railroad throughput by eliminating the potential for train versus vehicle/pedestrian collision.	Same as Approved
Reliability	Improve railroad reliability by eliminating the potential for train versus vehicle/pedestrian collision.	Improve railroad reliability by eliminating the potential for train versus vehicle/pedestrian collision.	Same as Approved
Congestion Reduction	Reduce vehicle delays due to passing trains.	Reduce vehicle delays due to passing trains.	Same as Approved
Emissions Reductions	Reduce idling vehicle emissions due to passing trains.	Reduce idling vehicle emissions due to passing trains.	Same as Approved

**G. Differences/Variances**

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

The actual Right-of-Way expenditure exceeded the budgeted amount due to higher than estimated cost. Also the cost of relocation of existing utilities including the associated design was over the budget due to unexpected conditions.

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

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

Additional effort should have been expended during the design phase to better identify underground conditions.

## 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.

Ross Lew

(Print name) Project Manager

Ross Lew

(Signature) Project Manager

11/3/16

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.

Bill Huang

(Print Name) TCIF Division Program Coordinator/Project Manager

Bill Huang

(Signature) TCIF Division Program Coordinator/Project Manager

11/8/2016

Date

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

Antonio Cano

(Print Name) TCIF Program Lead

Antonio Cano

(Signature) TCIF Program Lead

11/15/16

Date

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