

FINAL DELIVERY REPORT (FDR) TRADE CORRIDORS IMPROVEMENT FUND

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

A. Project Information

Date: 5/5/2016LA-ODIS Project ID: 47

Other Project Identifier (EA, Project #, PPNO, etc):

STPTCIFL-5058(086)

E.A. # 08-925191

Project Title: Streeter 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: RiversideCity: Riverside

B. Contact Information

Implementing Agency: City of Riverside

Caltrans

District Number:

8Contact Person: Farshid MohammadiPhone Number: 951-826-5515Email Address: fmohammadi@riversideca.gov

C. Cost		Adopted Program Amount (\$)	Current Approved Amount (\$)	Actual Expended Amount (\$)	Net Difference (Dollars)
Environmental:					
Total Amount		\$1,500,000 ✓	\$1,500,000	\$1,195,193	-\$304,807
Design:					
Total Amount		\$1,000,000 ✓	\$1,000,000	\$1,435,363 ✓	\$435,363
Right of Way:					
Total Amount		\$14,300,000 ✓	\$7,500,000	\$5,046,236 ✓	-\$2,453,764
Construction:					
TCIF		\$15,500,000 ✓	\$15,500,000 ✓	\$13,714,973 ✓	-\$1,785,027
Local		\$4,500,000 ✓	\$5,500,000 ✓	\$4,289,007 ✓	-\$1,210,993
Federal					
Other			\$5,000,000 ✓	\$5,000,000 ✓	\$0
Total Amount					

D. Schedule		Adopted Program Date	Current Approved Date	Actual Begin/End Date	Net Difference (Months)
Environmental Phase					
Begin		02/01/08	02/01/08	02/01/08	0
End		01/01/10 ✓	02/08/10	02/08/10	0
Design (PS&E) Phase					
Begin		01/01/10	02/08/10	02/08/10	0
End		10/01/11 ✓	07/01/12	07/01/12	0
Right of Way Phase					
Begin		01/01/10	02/08/10	02/08/10	0
End		10/01/11 ✓	06/01/12	06/01/12	0
Const./Acquisition Phase					
Begin		01/01/12	11/30/12	10/23/12 ✓	-1
End		07/01/13 ✓	05/30/14	08/20/15 ✓	15
Closeout Date					
Begin		07/01/13	05/30/14	08/20/15 ✓	15
End		10/01/13 ✓	11/30/14	08/20/16 ✓	21

E. Amendments**List approved amendments**

Project Baseline Amendment Resolution TCIF-1112-47, Amending Resolution TCIF-P-0809-04B

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/Variations

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

Construction contract for this project was awarded by Riverside City Council on 10/23/2012. The contractor's notice-to-proceed with construction was issued on 11/19/2012. Construction of the project commenced on 12/3/2012. Notice-of-completion was issued on 8/20/2015.

This project included constructing two bridges, a precast pre-stressed concrete box (railroad) bridge and a cast-in-place post-tensioned concrete (highway) bridge. It became necessary to extend the original construction duration of this project by 9 months, from 18 months to 27 months, as it was determined that the two bridges could not be built simultaneously and had to be phased one after the other. However, construction lasted 33 months or 6 months more than what was specified in the construction contract documents. Of this, approximately 1.5 months of delays was related to weather and 4.5 months was due to the contractor's scheduling of the construction activities.

H. Lessons-Learned/Best Practices

Describe lessons-learned and best practices for future projects.

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.

FARSHID MOHAMMADI
(Print name) Project Manager

Farshid Mohammadi 5/5/2016
(Signature) Project Manager 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 5/6/2016
(Signature) TCIF Division Program Coordinator/Project Manager Date

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

Leah Shepard
(Print Name) TCIF Program Lead

Leah Shepard 6/21/16
(Signature) TCIF Program Lead Date

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