

# 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

LA-ODIS Project ID: 45 Other Project Identifier (EA, Project #, PPNO, etc): PNRSTCIL-5058 (082); EA 08-0G0464

Date: 3/24/16  
~~11/2/2015~~

Project Title: Iowa Avenue Grade Separation

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

Location: County: Riverside City: Riverside

## B. Contact Information

Implementing Agency: City of Riverside Caltrans District Number: 08

Contact Person: Debbie Anderson, P.E., Senior Engineer Phone Number: 951-826-5517

Email Address: danderson@riversideca.gov

C. Cost				
	Adopted Program Amount (\$)	Current Approved Amount (\$)	Actual Expended Amount (\$)	Net Difference (Dollars)
<b>Environmental:</b>				
Total Amount	\$500,000	\$500,000	\$500,179	-\$179
<b>Design:</b>				
Total Amount	\$1,500,000	\$1,500,000	\$1,423,840	\$76,160
<b>Right of Way:</b>				
Total Amount	\$5,500,000	\$5,500,000	\$6,851,042	-\$1,351,042
<b>Construction:</b>				
TCIF	\$13,000,000	\$13,000,000	\$10,319,982	\$2,680,018
Local	\$4,550,000	\$3,000,000	\$1,508,903	\$1,491,097
Federal	\$2,000,000	\$3,550,000	\$3,550,000	\$0
Other	\$4,950,000	\$4,950,000	\$4,144,741	\$805,259
<b>Total Amount</b>	<b>\$32,000,000</b>	<b>\$32,000,000</b>	<b>\$28,298,687</b>	<b>\$4,976,374</b>

D. Schedule				
	Adopted Program Date	Current Approved Date	Actual Begin/End Date	Net Difference (Months)
<b>Environmental Phase</b>				
Begin	08/01/07	08/01/07	08/01/07	0
End	07/01/08	07/01/08	07/31/08	0
<b>Design (PS&amp;E) Phase</b>				
Begin	08/01/08	08/01/08	08/01/08	0
End	03/01/10	09/30/11	09/30/11	0
<b>Right of Way Phase</b>				
Begin	11/01/08	11/01/08	05/28/09	-6
End	03/01/10	08/19/11	08/19/11	0
<b>Const./Acquisition Phase</b>				
Begin	07/01/10	06/26/12	06/26/12	0
End	11/01/11	11/01/13	04/21/14	-6
<b>Closeout Date</b>				
Begin	11/01/11	11/01/13	05/01/14	-6
End	05/01/12	05/01/14	11/30/15	-18

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

Project Baseline Amendment: Resolution TCIF-P-1112-11, 10/26/2011

- Revised Project delivery schedule for End Design, End Right of Way, Begin/End Construction and Close Out phases.
- Revised Funding Plan

Project Baseline Amendment: Resolution TCIF-P-1112-36, 4/25/2012

- Revised Project delivery schedule for Begin/End Construction and Closeout phases.

**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. 6.29 hrs reduction in daily vehicle hrs of delay (2030). 7.48 mi. reduction in total daily vehicle queue length (2030)	Reduce vehicle delays due to passing trains. 6.29 hrs reduction in daily vehicle hrs of delay (2030). 7.48 mi. reduction in total daily vehicle queue length (2030)	Same as approved.
Emissions Reductions	Reduce idling vehicle emissions due to passing trains. 51.63 tons/year of greenhouse gas emissions (CO2 equivalent for 2030) eliminated. 6.16 gm/day of particulate matter (PM2.5 for 2030) eliminated.	Reduce idling vehicle emissions due to passing trains. 51.63 tons/year of greenhouse gas emissions (CO2 equivalent for 2030) eliminated. 6.16 gm/day of particulate matter (PM2.5 for 2030) eliminated.	Same as approved.

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

- 1) Right of Way Phase - The start of the Right of Way phase was delayed 6 months due to programming issues. The RFA could not be processed until a revision to the PNRS Program Project Description for Alameda Corridor East was approved. Right of way costs exceeded the program amount by \$1,351,042. This change was due to higher than anticipated relocation costs.
- 2) Construction Phase - The project was essentially complete in January 2014. However, issues relating to minor work on adjacent properties delayed filing of the NOC by 6 months. The NOC was filed on April 21, 2014. Construction costs were \$4,976,374 less than approved program amount.
- 3) Closeout - The Final Delivery Report was delayed to allow for inclusion of all project costs. BNSF's project related track work was completed in July 2015 and final invoice received on October 23, 2015.

**H. Lessons-Learned/Best Practices****Describe lessons-learned and best practices for future projects.**

## Certification Signature

### Local Agency

I hereby certify to the best of my knowledge the information in this report is true and accurate. The work was performed in accordance with the California Transportation Commission (CTC) approved scope, cost, schedules, and benefit information in the baseline agreement or amendment.

Debbie Anderson, P.E.  
(Print name) Project Manager

Debbie Anderson  
(Signature) Project Manager

3/3/2016  
Date

### Caltrans

The TCIF Division Program Coordinator 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

Bill Huang  
(Signature) TCIF Division Program Coordinator

3/3/2016  
Date

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

Leah Shepard  
(Print name) TCIF Program Lead

Leah Shepard  
(Signature) TCIF Program Lead

3/24/16  
Date

Distribution: 1) Division of Local Assistance 2) Local Agency 3) Program Coordinator 4) CTC