

# 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: 10/30/18

TCIF # (Segment): 101 Other Project Identifier (EA, Project #, PPNO, etc): 10-0W430

Project Title: SJ 99 RAMP METERING

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

Location: County: SAN JOAQUIN City: STOCKTON

Project Description: Install ramp meter system, CCTVs, CHP enforcement areas, MVPs and fiber optic at various location.

### B. Contact Information

Implementing Agency: CALTRANS Caltrans District Number: 10

Contact Person: WUTHY SENG Phone: 209-948-7854

Email Address: WUTHY.SENG@DOT.CA.GOV

C. Cost				
	Adopted Program Amount (\$)	Current Approved Amount (\$)	Actual Expended Amount (\$)	Net Difference (Dollars)
<b>Environmental</b>				
Total Amount	\$130,000	\$130,000	\$205,619	-\$75,619
<b>Design</b>				
Total Amount	\$400,000	\$400,000	\$646,482	-\$246,482
<b>Right of Way</b>				
Total Amount	\$110,000	\$110,000	\$18,461	\$91,539
<b>Construction</b>				
TCIF	\$2,400,000	\$2,333,000	\$13,128	\$2,319,872
Local				
Federal	\$0	\$0	\$2,713,661	-\$2,713,661
Other				
<b>Totals</b>	<b>\$3,040,000</b>	<b>\$2,973,000</b>	<b>\$3,597,351</b>	<b>-\$624,351</b>

D. Schedule				
	Adopted Program Date	Current Approved Date	Actual Begin/End Date	Net Difference (Months)
<b>Environmental Phase</b>				
Begin	12/01/13	12/01/13	01/01/12	-23
End	01/06/14	01/06/14	07/25/13	-5
<b>Design (PS&amp;E) Phase</b>				
Begin	01/01/14	01/01/14	08/13/13	-5
End	05/15/14	05/15/14	06/09/14	1
<b>Right of Way Phase</b>				
Begin	02/01/14	02/01/14	02/01/14	0
End	04/01/14	04/01/14	04/01/14	0
<b>Construction Phase</b>				
Begin	08/18/14	08/18/14	12/24/14	4
End	08/18/15	08/18/15	03/22/16	7
<b>Closeout Date</b>				
Begin	09/01/15	09/01/15	03/22/16	7
End	05/01/16	05/01/16	06/13/17	13

**E. Amendments****List approved amendments****Amendment #      CTC Meeting      Summary of Changes (Scope, Cost, Schedule)**

12H-432	3/21/2014	Project amended in the 2012 SHOPP
---------	-----------	-----------------------------------

2012 SHOPP Amendments to allow funding this project in the FY 2013/14 and beyond.

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

Outcomes	Adopted Program	Current Approved	Actual
Safety	4% Reduction in Truck-Involved Accidents	4% Reduction in Truck-Involved Accidents	TBD - Post-construction outputs will be calculated once all ramp meters are activated in 2019.
Velocity	24 Miles Per Hour Increase Mainline Travel Speed (2015)	24 Miles Per Hour Increase Mainline Travel Speed (2015)	TBD - Post-construction outputs will be calculated once all ramp meters are activated in 2019.
Throughput	10% Change in Highway Volume (2015)	10% Change in Highway Volume (2015)	TBD - Post-construction outputs will be calculated once all ramp meters are activated in 2019.
Reliability	12 Minute Reduction in Travel Time (2015)	12 Minute Reduction in Travel Time (2015)	TBD - Post-construction outputs will be calculated once all ramp meters are activated in 2019.
Congestion Reduction	10% Reduction in Daily Vehicle Hours of Delay	10% Reduction in Daily Vehicle Hours of Delay	TBD - Post-construction outputs will be calculated once all ramp meters are activated in 2019.
Emissions Reductions	2% Reduction of Tons per Year of Particulate Matter, 4% Reduction of Tons per Year of Carbon Dioxide, 6% Reduction of Tons per Year of Nitrogen Oxides, 25% Reduction of Tons per Year of Volatile Organic Compounds	2% Reduction of Tons per Year of Particulate Matter, 4% Reduction of Tons per Year of Carbon Dioxide, 6% Reduction of Tons per Year of Nitrogen Oxides, 25% Reduction of Tons per Year of Volatile Organic Compounds	TBD - Post-construction outputs will be calculated once all ramp meters are activated in 2019.

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

Environmental Phase: This was originally a Minor A project. Due to the cost exceeded the Minor A limit, it was requested to be funded in the SHOPP program.

Design Phase: A Supplemental Project Report was approved to shorten the project schedule to capture funding in the FY 2013/14 SHOPP, but the same time the project scope increased to include ramp meters at the Austin Road interchange. The increased scope required more team effort during the design; therefore, it increased the resources.

Construction Phase: The increases in cost and schedule during the construction phase were due to the construction window occurred in rainy seasons and the increase in industry pricings.

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

Instead of shortening the project schedule, the PDT should consider programming the project in the appropriate fiscal year and keep the original schedule. It is especially when a project has an increase in scope. In addition, support and capital costs should be increased at a rate according to the most recent market trend and include the calculated costs of risks.

## 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.

WUTHY SENG

(Print name) Project Manager

(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.

VASAN RUDRAPAKIAM

(Print Name) TCIF Division Program Coordinator/Project Manager

(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.

Tony Cano

(Print Name) TCIF Program Lead

(Signature) TCIF Program Lead

Date

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