

# Memorandum

**To:** CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

**CTC Meeting:** April 25-26, 2012

**Reference No.:** 2.1c.(5d)  
Action Item

**From:** NORMA ORTEGA  
Chief Financial Officer

**Prepared by:** Ryan Chamberlain  
Division Chief  
Transportation Planning

**Subject:** **TRADE CORRIDORS IMPROVEMENT FUND-PROJECT BASELINE AMENDMENT  
RESOLUTION TCIF-P-1112-33, AMENDING RESOLUTIONS TCIF-P-1011-26 AND  
TCIF-P-0809-04B**

## **RECOMMENDATION:**

The California Department of Transportation (Department) recommends the California Transportation Commission (Commission) amend the Trade Corridors Improvement Fund (TCIF) Project Baseline Agreement for Project 37, Orangethorpe Avenue Grade Separation Project (PPNO TC37). The Southern California Consensus Group concurs with this amendment and the requested changes.

## **ISSUE:**

The Orange County Transportation Authority (OCTA) proposes to amend the TCIF Project Baseline Agreement for Project 37, Orangethorpe Avenue Grade Separation (Orangethorpe) to update the cost, funding plan, and project delivery schedule.

## **BACKGROUND:**

The Orangethorpe project is part of the Orange County's Bridges Program (OCBP) which will build underpasses and overpasses at local rail crossings to improve safety and reduce delays. The Orangethorpe project will construct a bridge to allow vehicles to pass over the Burlington Northern Santa Fe (BNSF) Railway tracks to separate rail and roadway traffic. The railroad mainline tracks will remain at-grade. Two additional structures will be constructed at Miller Street and Chapman Avenue to connect to Orangethorpe Avenue. The completed project will allow cars to cross over the railroad tracks, improving safety and reducing delays.

This project was adopted in the TCIF Program by the Commission on April 10, 2008. A Project Baseline Agreement was executed by OCTA, the Department, and the Commission, and approved by the Commission on October 29, 2008, under Resolution TCIF-P-0809-04B. A Baseline Agreement Amendment was approved on May 11, 2011, under Resolution TCIF-P-1011-26, to revise the scope, schedule and cost.

This amendment requests an additional three months to complete the Right of Way certification due to additional time needed for relocating approximately 30 tenants and an Orange County Department of Education school; transferring franchise and/or easement rights between the utilities, OCTA and the cities; and developing unanticipated processes for utility relocation and reimbursement agreements.

The following table provides a list of the project’s milestones with current approved and proposed delivery schedule:

<b>Project Milestone</b>	<b>Current Approved</b>	<b>Proposed</b>	<b>Change</b>
Begin Environmental Phase	Jan 01, 2001	-	No Change
End Environmental Phase	Sep 23, 2009	-	No Change - Complete
Begin Design Phase	Feb 06, 2009	-	No Change
End Design Phase	Jan 01, 2012	Oct 31, 2011	-3 months - Complete
Begin Right of Way Phase	Oct 01, 2010	-	No Change
End Right of Way Phase	Jan 01, 2012	Apr 01, 2012	3 Months
Begin Construction Phase	Jul 01, 2012	-	No Change
End Construction Phase	Apr 01, 2015	-	No Change
Begin Closeout Phase	Apr 01, 2015	-	No Change
End Closeout Phase	Apr 01, 2015	-	No Change

OCTA requests to reprogram \$12,757,000 in TCIF funding from TCIF Project 39, Raymond Avenue, with the funds to be reprogrammed to three existing OCTA TCIF projects. A concurrent program amendment to delete Raymond Avenue from the TCIF Program and reprogram the funds, including baseline agreement amendments are all scheduled for this month’s Commission meeting.

This amendment proposes to use \$6,354,000 of the \$12,757,000 TCIF funds from Raymond Avenue for the Orangethorpe project, thereby increasing the TCIF programmed amount from \$41,666,000 to \$48,020,000. However after final design, a refined project estimate resulted in an overall project funding decrease of \$2,400,000.

Right of way component costs decreased due to: 1) the addition of a flood control maintenance bridge over the Carbon Canyon Channel which eliminated the need to construct a land-intensive maintenance vehicle turnaround; and 2) addition of a cul-de-sac on Miller Street which will maintain access to an existing business eliminating the need to purchase the entire property and business.

The construction costs increased due to: 1) addition of the flood control maintenance bridge over the Carbon Canyon Channel; 2) an unforeseen 72-inch Orange County Water Department (OCWD) pipeline relocation that was not documented in OCWD record data and not discovered until design was nearly completed; 3) realignment of the Atwood Channel to minimize impacts to nearby residential neighborhood; and 4) addition of the Miller Street cul-de-sac.

The OCTA proposes to update the project's cost and funding plan as follows:

(DOLLARS IN THOUSANDS)										
FUND SOURCE	TOTAL	Totals by Fiscal Year					Totals by Project Phase			
		Prior	10/11	11/12	12/13	13/14	PA&ED	PS&E	R/W	CONST
<b>State Funds (TCIF)</b>										
Current Approved	41,666			41,666						41,666
Change	6,354			6,354						6,354
Proposed	<b>48,020</b>			<b>48,020</b>						<b>48,020</b>
<b>CMAQ</b>										
Current Approved	47,319		26,846	20,473					26,846	20,473
Change	-26,224		-5,751	-20,473					-5,751	-20,473
Proposed	<b>21,095</b>		<b>21,095</b>	<b>0</b>					<b>21,095</b>	<b>0</b>
<b>Measure M</b>										
Current Approved	12,267	8,557	1,157	2,553				8,557	1,157	2,553
Change	3,721	-265	2,611	1,375				-265	2,611	1,375
Proposed	<b>15,988</b>	<b>8,292</b>	<b>3,768</b>	<b>3,928</b>				<b>8,292</b>	<b>3,768</b>	<b>3,928</b>
<b>STP –Local (RSTP)</b>										
Current Approved	631	631		0			631			0
Change	10,649	0		10,649			0			10,649
Proposed	<b>11,280</b>	631		<b>10,649</b>			631			<b>10,649</b>
<b>DEMO</b>										
Current Approved	15,500			15,500						15,500
Change	3,100			3,100						3,100
Proposed	<b>18,600</b>			<b>18,600</b>						<b>18,600</b>
<b>TOTAL</b>										
Current Approved	117,383	9,188	28,003	80,192			631	8,557	28,003	80,192
Change	-2,400	-265	-3,140	1,005			0	-265	-3,140	1,005
Proposed	<b>114,983</b>	<b>8,923</b>	<b>24,863</b>	<b>81,197</b>			631	<b>8,292</b>	<b>24,863</b>	<b>81,197</b>

**RESOLUTION TCIF-P-1112-33**

Be it Resolved, that the California Transportation Commission does hereby amend the Trade Corridors Improvement Fund Baseline Agreements for Project 37, Orangethorpe Avenue Grade Separation (PPNO TC37), in accordance with the changes described and illustrated above.

Attachment



# Metro

February 15, 2012

Ms. Bimla G. Rhinehart  
Executive Director  
California Transportation Commission  
1120 "N" Street, Mail Stop: 52  
Sacramento, CA 94273-0001

Dear Ms. Rhinehart:

The Southern California Consensus Group has discussed and approved the changes requested by our partner agency, the Orange County Transportation Authority (OCTA). It is our understanding that OCTA is requesting approval to amend six TCIF grade separation projects:

- Raymond Avenue
- State College Boulevard
- Placentia Avenue
- Orangethorpe Avenue
- Tustin Avenue/Rose Drive
- Lakeview Avenue

Please see the attached letter from OCTA detailing the requested changes. Please direct any questions or comments regarding this issue to me at (213) 922-3061. We appreciate the ongoing support and guidance provided by you and your staff.

Sincerely,

Shahrzad Amiri  
Deputy Executive Director

cc: Southern California Consensus Group  
Maura Twomey