



# PROJECT CHANGE REQUEST

## 1.) What is the proposed change?

- 1- Delay the programmed delivery year from 2016 to 2017. Original PA&ED & RTL dates were 5/8/15 and 6/17/16 respectively, and the proposed new dates are PA&ED by 8/15/16 & RTL by 5/31/17.
- 2- Increase construction capital cost from \$17,600,000 to \$26,203,000 (\$8,603,000 increase).
- 3- Increase PA&ED support cost from \$1,537,000 to \$3,130,000 (\$1,593,000 increase).
- 4- Increase construction support cost from \$2,418,000 to \$3,000,000 (\$582,000 increase).

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## 2.) Complete the following regarding the last two Cost Estimates. (\$'s in 1,000's.)

1. Estimate Date:	<u>10/14</u>	Const Capital	<u>\$26,203</u>	R/W Capital	<u>\$2,065</u>
2. Estimate Date:	<u>6/12</u>	Const Capital	<u>\$17,600</u>	R/W Capital	<u>\$2,065</u>

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## 3.) What was the reason for the change?

- 1- There are 2 reasons for the delivery year delay. First, the survey files (digital terrain model, etc...) took longer to prepare than we have planned for, and subsequently the actual foot prints needed to complete the environmental request were 6 months late. Second, the environmental cultural studies/surveys have identified 30 archaeological sites, far more than originally anticipated. At least 12 sites will require further studies (XP1/CARIDAP) and consultation, involving test excavation and in-field and out-of-field analysis of artifacts and context. The total delay for achieving PA&ED is about 15 months.
- 2- The increase of the construction capital cost is due to quantity increase. The earthwork quantity (mostly imported borrow for fill material) went up from 600,000 C.Y to 900,000 C.Y, and the drainage modification cost went up from \$1.5 million to \$2.5 million due to the more complicated topography that requires to extend existing drainage systems far more than originally thought.
- 3- The increase of support cost for the PA&ED phase is due to the substantial increase of time and resources needed to prepare and approve the environmental document, and the additional detailed studies that Design has to provide to support the environmental effort.
- 4- The increase of support cost for the construction phase is due to the overall increase of the construction capital value, quantities, and duration. Some of the major items that will have substantial increase are earthwork and drainage modification (Please see # 2 above).

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## 4.) When was the change discovered?

1- The need for the schedule delay was discovered in May 2014 after concluding the preliminary cultural studies and surveys.

2- The need to increase capital and support budgets was finalized in October 2014 after updating quantities and the workplan.

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## 5.) What has been done to minimize any change?

Design, in coordination with Environmental, did their best to avoid/minimize impact to the cultural sites, and to minimize the capital cost increase, without compromising the safety need and purpose of the project.

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## 6.) What can be constructed with the programmed funds?

About 15 miles of the planned 25 miles of safety improvements.

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## 7.) If the scope is reduced or split, would the removed work need to be reprogrammed or added to another project?

Yes, if the scope is reduced, then another project has to be programmed. Leaving a 10 mile segment for a future project will not satisfy the need and purpose of the project, which is to enhance safety and reduce the number and severity of accidents along the 25 mile project limits.

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## 8.) Is a supplemental scoping document needed? If yes, status?

The changes will be documented in the Project Report that will be completed by 8/15/16.

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## 9.) Was a value analysis study conducted? Explain the results of the study or why a study was not conducted.

No, a VA study was not conducted, however, its principles have been applied to ensure cost effectiveness of the project.

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10.) Cost - Where will the required funds come from?

State wide savings in the SHOPP 201.015 Program.

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11.) Prior PCR's - List other PCR's previously approved.

None.

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## PROJECT CONCURRENCE

12.) (A) STIP-RIP: When did the District discuss this with the Headquarters STIP Program Manager and the RTPA or County Transportation Commissions Staff? Explain their reaction.

N/A

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(B) STIP-IIP: When did the District discuss this with the Headquarters STIP Program Manager? Explain their reaction.

N/A

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(C) SHOPP: When did the District discuss this with the Headquarters Program Manager? Explain their reaction.

The project manager discussed this PCR with the HQ Program Manager Kien Le on 12/5/14. He advised to minimize the cost increase if possible and was explained to him that the proposed cost increase has been already minimized.

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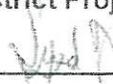
13.) Lessons Learned, New Strategies (What new information pertaining to this project could be beneficial to others?)

More time and resources are needed to prepare PID's with accurate schedules and scope to minimize project change requests.

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## 14.) District Signatures

	1/4/15	909-383-4077
Rafih Achy District Project Manager	Date	Phone Number (Public/ATSS)
	1/6/15	
Syed Raza Deputy District Director Program/Project Management	Date	

### APPROVAL - COMMENTS - CONCERNS

DPM Concurrence
  DPM Objections

## 15.) Comments and Concerns

	1/6/15	
Luis Betancourt Headquarters Project Delivery Coordinator	Date	

### APPROVAL

Approve   Deny   No HQ Action

Cost	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Split/Combine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revise & Resubmit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	1/6/15	
BASEM E. MUALLEM, P.E. District Director	Date	

	1/20/15	
JAMES E. DAVIS HQ DIVISION CHIEF PROJECT MANAGEMENT	Date	

	1/22/15	
f05 RACHEL FALSETTI HQ DIVISION CHIEF TRANSPORTATION PROGRAMMING	Date	

# PROJECT CHANGE REQUEST

## REQUIRED ATTACHMENTS

- (a) Attach 1 page copy (screenprint) of project workplan/status schedule.
- (b) Attach current CTIPS project information.
- (c) PCR Data Worksheet for all split and combines.

**Note:** Except for summary cost estimate, if/when needed, Do Not attach anything else. (No 6 page reports; amendments; etc.)

**DISTRICT 8**

**PROGRAMMING**

Tuesday, January 6, 2015

Delivery Plan:  Yes | CFD:  Yes | AADD:  Yes | HPP:  Yes | Close Out:  Yes | Minor A:  Yes | Minor B:  Yes | R/W:  Yes | Substitute:  Yes  
 Majors  Minors  Maintenance  CCA Majors  CCA Minors  CCA Maint  Archived Majors  Archived Minors  Archived Maint  
 Status:  Active  Archived  Deleted  Inactive  Split/Combine  
 Planning: 3 Yr PID/Start Date -  Yes 11/1/11 Project Nickname: **SBD 40 REGRADE MEDIAN CROSS SLOPE (NEAR LUDLOW)**

EA: <b>0R160</b>	County: <b>SBD</b>	Route: <b>040</b>	Begin PM: <b>R50</b>	End PM: <b>R75</b>	10-Yr SHOPP FY: <b>2017</b>	Program Document: <b>2014 SHOPP</b>	Program: <b>201.016 / HB1</b>	Funding FY: <b>2016</b>	Budgeted FY: <b>2016</b>	PPNO: <b>0206Y</b>
Project Manager: <b>Rafih Achy</b> Previous PM: 7/27/2011		Design Senior: <b>Mark Pertile</b> Previous DS: Maen Shaar		Project Engineer: <b>Cuong Tran</b> Previous PE: 9/16/2014		Actual Const Cost: G-12 Capacity:		CTC Funds Req Date/Amount:		
Structure Senior:		Construction Senior: <b>Majid Afanan</b>		Resident Engineer:		Savings or Overrun from Prog Amt:		Savings /Overrun from Voted Amt:		
Description of Location: <b>NEAR LUDLOW FROM CRUCERO ROAD TO BADGER WASH</b>		Description of Work: <b>REGRADE MEDIAN CROSS SLOPE</b>		Fed/Other Funds: <b>E76: STP</b>		State AAA: <b>Yes</b>		Performance Indicators: <b>75 COLL</b>		Small Business:
Co-Op: FCO: <input type="checkbox"/> Yes		HQ Fund Reservation: <input checked="" type="checkbox"/> Yes		Amendment: 11/8/12		Funding Remarks: 2014.07.15 - LS - Schedule delayed to 17/18 FY prior to PCR submittal due to workload/resources issue. PCR for cost and schedule to be submitted soon. 2012.11.15 - LS - SHOPP Amendment 12H-155 appx 11/8/12 2012.10.29 - MC - SHOPP amendment request in the amount of: Construction Capital \$17,800,000.00, R/W Capital \$2,065,000.00 and		Cost Estimate Remarks: 2013.08.22 - LS - Received updated cost estimate from PM/Design Sr for \$21,100,000 Const Cap. 2012.07.11 Email from Anthony Support \$6,600,00 + Esc Capital \$19,232,000 + R/W Cap \$2,065,000 MMA 2012.05.31 Revised R/W DS \$2,064,000/MMA		
Oversight Reimbursed Work		PID PA&ED PS&E ROW CONST		Lead Agency: <b>CALTRANS</b>		General Comments:				

	PROGRAMMED COSTS					PCR/HQ APPROVED	CURRENT ESTIMATE	CURRENT ESCALATED	REQUESTED COSTS	AWARD INFO
	PAED	RAW	PS&E	CONST	TOTAL					
Prgm State Support	1,537	190	2,157	2,418	6,302					Award Date / Amount:  Award Extension Request # Months: <input type="text"/> Award Extension Approved # Months: <input type="text"/> Award By: <input type="text"/>  Allocation Extension Request # Months: <input type="text"/> Allocation Extension Approved # Months: <input type="text"/> Allocation By: <input type="text"/>  % CHG: 100.0%  0.0%  0.0%  0.0%
Appvd Budget Sup										
State Bridge Const										
State Roadway Const							26,203			
Total State Const					17,600		23,980	26,203		
State RAW					2,065		2,065	2,065		
TOTAL STATE					25,967		26,045	28,268		
Local Support										
Local Bridge Const										
Local Roadway Const										
Total Local Const										
Local RAW										
TOTAL LOCAL										
PROJ TOTAL					25,967		26,045	28,268		

FUNDING SUMMARY								RECORD OF ESTIMATES						
Funding Source	FY	PA&ED	PS&E	R/W Support	R/W Capital	Constr Support	Constr Capital	Total	No.	Milestone Desc.	Current Schedule	COMP. DATE	ESTIMATES	
												Const	R/W	
										3704	Comp Pll	7/21/11	15,347	
										010	Appr PID	6/29/12	17,600	2,065
										020	Begin Env	3/29/13		
										200	PA&ED	8/15/16	23,980	
										300	Circ Plans in Dist			
										377	PS&E to Dist OE	11/30/16		
										378	Draft Struc PS&E			
										380	Proj PS&E	2/28/17		
										410	R/W Cart	4/28/17		
										460	RTL	5/31/17		
										480	Hq Adv	8/31/17		
										495	Award	11/30/17		
										500	Apprv Const	12/29/17		
										600	Contr. Acpt	7/31/19		
										800	End Project	7/30/21		
Total														Est Chg After PS&E Const: <input type="text"/> RAW: <input type="text"/> Final Estimate Date: <input type="text"/>

Proj Ac Eai Archived Data Archived Data

