

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: August 12-13, 2009

Reference No.: 2.1c.(1e)/2.6e.(2)
Action Item

From: CINDY McKIM
Chief Financial Officer

Prepared by: Ross Chittenden
Proposition 1B Program
Manager

Subject: **CMIA PROJECT BASELINE AMENDMENT**
RESOLUTION CMIA-PA-0910-009, AMENDING RESOLUTIONS CMIA-PA-0809-007 AND
CMIA-PA-0708-05
RESOLUTION TAA-09-08, AMENDING RESOLUTION TAA-08-08
RESOLUTION TFP-09-05

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) amend TCRP Project 18 (Route 101: widen eight miles of freeway to six lanes, Novato to Petaluma [Novato Narrows] in Marin and Sonoma Counties) and also amend the Corridor Mobility Improvement Account (CMIA) baseline agreement for the Route 101 Marin-Sonoma Narrows: HOV Lane Project (Contract A1, PPNO 0360F), Route 101 Marin-Sonoma Narrows: Southerly Interchange project (Contract B1, PPNO 0360J), and Route 101 Marin-Sonoma Narrows: Petaluma Boulevard South Interchange project (Contract B2, PPNO 0360H).

ISSUE:

The Department, the Transportation Authority of Marin (TAM), and the Sonoma County Transportation Authority (SCTA) propose to amend the TCRP application for Project 18 (Route 101: widen eight miles of freeway to six lanes, Novato to Petaluma [Novato Narrows] in Marin and Sonoma Counties) and the CMIA baseline agreements for all three contracts of the Route 101 Marin-Sonoma Narrows project to:

- Reprogram \$920,000 TCRP from Plans, Specifications, and Estimates (PS&E) to Project Approval and Environmental Document (PA&ED) for Contract A1: HOV Lane project.
- Reprogram \$622,000 TCRP from PS&E to PA&ED for Contract B1: Southerly Interchange project.
- Update the project delivery schedule for Contracts A1, B1, and B2. (There is no change to funding plan for Contract B2.)

BACKGROUND:

At its May 2008 meeting, the Commission approved Resolution CMIA-PA-0708-005 amending the baseline agreement to modify the project scope and split the overall CMIA project into three contracts:

- Route 101 Marin-Sonoma Narrows (MSN): HOV Lane project (Contract A1, PPNO 0360F)

- Route 101 Marin-Sonoma Narrows (MSN): Southerly Interchange project (Contract B1, PPNO 0360J)
- Route 101 Marin-Sonoma Narrows (MSN): Petaluma Boulevard South Interchange project (Contract B2, PPNO 0360H)

On December 11, 2008, the Commission approved Resolution TAA-08-07 for TCRP 18 to redistribute \$1,600,000 TCRP from PS&E to PA&ED for Contract A1 (\$1,000,000) and Contract B1 (\$600,000). In January 2009, the Commission approved Resolution CMIA-PA-0809-007 amending the baseline agreement to make the baseline for Contract A1 and Contract B1 consistent with the December 2008 TCRP changes.

DELAY IN PA&ED

Under the current baseline agreement for the combined project, the PA&ED was scheduled to be completed in October 2008. During the PA&ED phase, however, various resource agencies requested extensive, detailed information regarding the project impacts to the environment. As a result, the negotiations with the resource agencies took longer than expected to obtain biological opinions, and to reduce mitigation by 400 acres and avoid cost increases beyond the baseline budget. PA&ED is currently expected to be completed by September 2009, an 11-month variance from the baseline schedule.

Because of these additional efforts, the budget for PA&ED for Contact A1 has increased from \$8,600,000 to \$9,520,000. This increase of \$920,000 will be covered by transferring an equal amount of TCRP funds from PS&E. Similarly, for Contact B1, the PA&ED budget has increased from \$8,200,000 to \$8,822,000. This increase of \$622,000 will be covered by transferring an equal amount of TCRP funds from PS&E. The additional cost associated with the PA&ED phase is primarily for preliminary design and will reduce the design effort under the PS&E phase. No additional funds are needed for the PS&E phase of these two contracts.

IMPACT OF DELAYED PA&ED ON THE PROJECT DELIVERY

The delay in completing PA&ED will have varying impacts to the delivery of the three contracts.

Contract A1:

The start of design and right of way activities has been delayed by 16 and 11 months, respectively. To assist with resolution of the above described PA&ED issues, an amount of preliminary engineering work was necessary that otherwise was planned for the PS&E phase. This will allow the team to stay on schedule for completion of the design phase. Since most of the right of way work is within the Department right of way limits, necessary utility relocations can be completed under the baseline schedule assuming that a R/W allocation can be made in September 2009. Therefore, the project is expected to be delivered by July 2010, as indicated in the baseline schedule. There is no change to the schedule of any Construction milestones. The proposed schedule for Contract A1 is listed in Attachment 1.

Contract B1:

To assist with resolution of the above described PA&ED issues, an amount of preliminary engineering work was necessary that otherwise was planned for the design phase. This will minimize the delay in completing the design work. The start of design and right of way activities has been delayed by 16 and 11 months, respectively. These delays will cause the completion of design and right of way work to be behind the baseline schedule by three months. The Attachment 2 shows the proposed schedule for Contract B1. The Construction milestones are also delayed by three months. This three month delay in getting the project delivered is based upon the assumption that a R/W allocation can be made in September 2009 and also that no parcel will have to go through the condemnation process. There is also a risk due to a desire by the local agencies to revise geometrics in order to further reduce the project footprint. If these risks materialize, it is anticipated that the project delivery will be delayed by additional four months.

Contract B2:

To assist with resolution of the above described PA&ED issues, an amount of preliminary engineering work was necessary that otherwise was planned for the design phase. This will minimize the delay in completing the design work. The start of right of way activities has been delayed by 11 months. These delays will cause the completion of design and right of way work to be behind the baseline schedule by three months. The Construction milestones are also delayed by three months. Attachment 3 shows the proposed schedule for Contract B2. This three month delay in getting the project delivered is based upon the assumption that a R/W allocation can be made in September 2009 and also that no parcel will have to go through the condemnation process. If these risks materialize, it is anticipated that the project delivery will be delayed by additional four months.

The Metropolitan Transportation Commission concurs with the changes described above and shown in the following tables

RESOLUTIONS CMIA-PA-0910-009, TAA-09-08, TFP-09-05:

Be it Resolved, that the California Transportation Commission does hereby amend the Traffic Congestion Relief Program (TCRP 18) and the Corridor Mobility Improvement Account baseline agreements for the Route 101 Marin-Sonoma Narrows: HOV Lane project (PPNO 0360F), the Route 101 Marin-Sonoma Narrows: Southerly Interchange project (PPNO 0360J), and the Route 101 Marin-Sonoma Narrows: Petaluma Boulevard South Interchange project (PPNO 0360H) in accordance with the information described above and illustrated in the following tables, and

Be it Further Resolved, that the California Transportation Commission hereby allocate \$1,542,000 TCRP in accordance with the attached vote box (Attachment 4); and

Be it Further Resolved, that the project(s), as component phases or in their entirety, appear under Government Code Section 14556.40(a) and are entitled to participate in this allocation.

Be it Further Resolved, that reimbursement of eligible costs is subject to the policies, restrictions and assurances as set forth in the Commission's policy for allocating, monitoring, and auditing TCRP projects, and is governed by the terms and conditions of the Fund Transfer Agreement, Program Supplement or Cooperative Agreement, and subsequent amendments to the same if required, as executed between the Implementing Agency and the Department.

REVISES:**Contract A1 (PPNO 0360F) - Route 101 Marin-Sonoma Narrows (MSN): HOV Lane project**

(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	08/09	09/10	10/11	11/12	12/13	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
Regional Improvement Program (RIP)													
Existing	11,210		1,210		10,000			1,100	10,000			110	
Change	0		0		0			0	0			0	
Proposed	11,210		1,210		10,000			1,100	10,000			110	
Interregional Improvement Program (IIP)													
Existing	4,650	2,000			2,650					2,000			2,650
Change	0	0			0					0			0
Proposed	4,650	2,000			2,650					2,000			2,650
Corridor Mobility Improvement Account (CMIA)													
Existing	49,930				49,930				44,420				5,510
Change	0				0				0				0
Proposed	49,930				49,930				44,420				5,510
Traffic Congestion Relief Program (TCRP)													
Existing	11,520	11,520								6,600	4,920		
Change	0	0								920	(920)		
Proposed	11,520	11,520								7,520	4,000		
Total													
Existing	77,310	13,520	1,210		62,580			1,100	54,420	8,600	4,920	110	8,160
Change	0	0	0		0			0	0	920	(920)	0	0
Proposed	77,310	13,520	1,210		62,580			1,100	54,420	9,520	4,000	110	8,160

REVISES:

Contract B1 (PPNO 0360J) - Route 101 Marin-Sonoma Narrows (MSN): Southerly Interchange project

(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	08/09	09/10	10/11	11/12	12/13	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
Regional Improvement Program (RIP)													
Existing	24,090		6,893		17,197			4,683	17,197			2,210	
Change	0		0		0			0	0			0	
Proposed	24,090		6,893		17,197			4,683	17,197			2,210	
Interregional Improvement Program (IIP)													
Existing	11,750	7,600			4,150					7,600			4,150
Change	0	0			0					0			0
Proposed	11,750	7,600			4,150					7,600			4,150
Corridor Mobility Improvement Account (CMIA)													
Existing	10,443				10,443				10,443				
Change	0				0				0				
Proposed	10,443				10,443				10,443				
Traffic Congestion Relief Program (TCRP) - Department													
Existing	600	600								600			
Change	622	622								622			
Proposed	1,222	1,222								1,222			
Federal Demo													
Existing	11,322		11,322					11,322					
Change	0		0					0					
Proposed	11,322		11,322					11,322					
Federal Demo													
Existing	425		425					425					
Change	0		0					0					
Proposed	425		425					425					
Federal Demo													
Existing	5,650		5,650					5,650					
Change	0		0					0					
Proposed	5,650		5,650					5,650					
Traffic Congestion Relief Program (TCRP) - TAM													
Existing	3,160	3,160		0							3,160		
Change	(622)	(3,160)		2,538							(622)		
Proposed	2,538	0		2,538							2,538		
Total													
Existing	67,440	11,360	24,290	0	31,790			22,080	27,640	8,200	3,160	2,210	4,150
Change	0	(2,538)	0	2,538	0			0	0	622	(622)	0	0
Proposed	67,440	8,822	24,290	2,538	31,790			22,080	27,640	8,822	2,538	2,210	4,150

Attachments

CORRIDOR MOBILITY IMPROVEMENT ACCOUNT

Project Fact Sheet

Lead Agency: CALTRANS

Fact Sheet Date: 07/29/09

Contact Person	Jit Pandher		
Phone Number	(510) 286-6425	Fax Number	(510) 286-5136
Email Address	jit_s_Pandher@dot.ca.gov		

Project Information:

County	Caltrans District	PPNO *	EA *	Region/MPO/ TIP ID*	Route / Corridor *	Post Mile Back *	Post Mile Ahead *
MRN	4	0360F	04-26406	MRN050034	101	MRN 18.6	MRN 22.3

* NOTE: PPNO & EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO. Route/Corridor & Post Mile Back/Ahead used for State Highway System.

Legislative Districts	Senate: 3	Congressional: 6
	Assembly: 6	
Implementing Agency (by component)	E&P (PA&ED): CALTRANS	PS&E: CALTRANS
	R/W: CALTRANS	CON: CALTRANS

Project Title **Route 101 Marin-Sonoma Narrows (MSN) - HOV Lane (Contract A1)**

Location - Project Limits - Description and Scope of Work (Provide a project location map on a separate sheet and attach to this form)

Project/ Contract	EA	Begin PM	End PM	Description
Contract A1	26406	MRN 18.6	MRN 22.3	In Marin County, on Route 101, in and near Novato, from Route 37 to Atherton Ave. Construct a NB HOV lane from Route 37 to Atherton Ave. and a SB HOV lane from Route 37 to Rowland Blvd. The project also includes sound walls, ramp metering and Traffic Operation System

Description of Major Project Benefits

Daily Vehicle Hours of Delay Saved *	1,200 Hrs.
Daily Peak Person-Minutes Saved *	106,107 Min.
Other:	The completed project will promote alternative transportation, add traffic management capabilities, and improve highway safety. Benefits as shown are for the corridor project.

Corridor System Management Plan	Month/Year
Lead Agency: CALTRANS	
Plan Adoption Date:	Sep-10
Plan Implementation Date:	Sep-10

Expected Source(s) of Additional Funding if the Current Funding Plan Proves Insufficient

Project Delivery Milestones	Baseline	Proposed
Begin Environmental Phase (PA&ED)	01/01/01	01/01/01
Draft Environmental Document Milestone	10/16/07	10/16/07
Draft Project Report Milestone	10/09/07	10/09/07
End Environmental Phase (PA&ED Milestone)	10/30/08	09/30/09
Begin Design Phase	05/15/08	09/30/09
End Design Phase (Plans, Specifications, and Estimates Milestone)	07/01/10	07/01/10
Begin Right-of-Way	10/30/08	09/30/09
End Right-of-Way (Right-of-way Certification Milestone)	07/01/10	07/01/10
Begin Construction Phase	12/01/10	12/01/10
End Construction Phase (Construction Contract Acceptance Milestone)	12/02/13	12/02/13
Begin Closeout Phase	12/02/13	12/02/13
End Closeout Phase (Closeout Report Milestone)	12/01/14	12/01/14

NOTE: The CTC Corridor Mobility Improvement Account (CMIA) Program Guidelines should have been read and understood prior to preparation of the CMIA Fact Sheet. The CTC CMIA Guidelines and a template of this Project Fact Sheet are available at: <http://www.dot.ca.gov/hq/transprog/> and at: <http://www.catc.ca.gov/>

CORRIDOR MOBILITY IMPROVEMENT ACCOUNT

Project Fact Sheet

Lead Agency: CALTRANS **Fact Sheet Date: 07/28/08**

Contact Person	Jit Pandher, Dianne Steinhauser		
Phone Number	(510) 286-6425/(415)226-0820	Fax Number	(510) 286-5136
Email Address	jit_s_pandher@dot.ca.gov / dsteinhauser@tam.ca.gov		

Project Information:

County	Caltrans District	PPNO *	EA *	Region/MPO/ TIP ID*	Route / Corridor *	Post Mile Back *	Post Mile Ahead *
MRN & SON	4	0360J	04-26407	MRN050034	101	MRN 23.3/SON 0.0	SON 0.4

* NOTE: PPNO & EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO. Route/Corridor & Post Mile Back/Ahead used for State Highway System.

Legislative Districts	Senate: 3	Congressional: 6
	Assembly: 6	
Implementing Agency (by component)	E&P (PA&ED): CALTRANS	PS&E: TAM
	R/W: CALTRANS	CON: CALTRANS

Project Title **Route 101 Marin-Sonoma Narrows (MSN) - Southerly Interchange (Contract B1)**

Location - Project Limits - Description and Scope of Work (Provide a project location map on a separate sheet and attach to this form)

Project/ Contract	EA	Begin PM	End PM	Description
Contract B1	26407	MRN 23.3/ SON 0.0	MRN 23.3 /SON 0.4	In Marin and Sonoma Counties, on Route 101. Construct southerly interchange at San Antonio Road and Route 101, including frontage roads and pedestrian/bicycle facility.

Description of Major Project Benefits

Daily Vehicle Hours of Delay Saved *	1,200 Hrs.
Daily Peak Person-Minutes Saved *	106,107 Min.
Other:	The completed project will promote alternative transportation, add traffic management capabilities, and improve highway safety. Benefits as shown are for the corridor project.

Corridor System Management Plan

Lead Agency: CALTRANS	Month/Year
Plan Adoption Date:	Sep-10
Plan Implementation Date:	Sep-10

Expected Source(s) of Additional Funding if the Current Funding Plan Proves Insufficient

Project Delivery Milestones	Baseline	Proposed
	Contract B1	Contract B1
Begin Environmental Phase (PA&ED)	01/01/01	01/01/01
Draft Environmental Document Milestone	10/16/07	10/16/07
Draft Project Report Milestone	10/09/07	10/09/07
End Environmental Phase (PA&ED Milestone)	10/30/08	09/30/09
Begin Design Phase	05/15/08	09/30/09
End Design Phase (Plans, Specifications, and Estimates Milestone)	12/01/10	03/01/11
Begin Right-of-Way	10/30/08	09/30/09
End Right-of-Way (Right-of-way Certification Milestone)	12/01/10	03/01/11
Begin Construction Phase	06/01/11	09/01/11
End Construction Phase (Construction Contract Acceptance Milestone)	12/02/13	03/01/14
Begin Closeout Phase	12/02/13	03/01/14
End Closeout Phase (Closeout Report Milestone)	12/01/14	03/01/15

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CORRIDOR MOBILITY IMPROVEMENT ACCOUNT

Project Fact Sheet

Lead Agency: CALTRANS **Fact Sheet Date: 07/29/08**

Contact Person	Jit Pandher, John Maitland		
Phone Number	(510) 286-6425/(707) 565-5377	Fax Number	(510) 286-5136
Email Address	jit_s_pandher@dot.ca.gov / jmaitla1@sctainfo.org		

Project Information:

County	Caltrans District	PPNO *	EA *	Region/MPO/ TIP ID*	Route / Corridor *	Post Mile Back *	Post Mile Ahead *
SON	4	0360H	04-26408	MRN050034	101	SON 0.4	SON 2.9

* NOTE: PPNO & EA assigned by Caltrans. Region/MPO/TIP ID assigned by RTPA/MPO. Route/Corridor & Post Mile Back/Ahead used for State Highway System.

Legislative Districts	Senate: 3	Congressional: 6
	Assembly: 6	
Implementing Agency (by component)	E&P (PA&ED): CALTRANS	PS&E: SCTA
	R/W: CALTRANS	CON: CALTRANS

Project Title **Route 101 Marin-Sonoma Narrows (MSN) - Petaluma Boulevard South Interchange (Contract B2)**

Location - Project Limits - Description and Scope of Work (Provide a project location map on a separate sheet and attach to this form)

Project/ Contract	EA	Begin PM	End PM	Description
Contract B2	26408	SON 0.4	SON 2.9	In Sonoma County, on Route 101. Construct interchange at Petaluma Blvd. South and Route 101, including frontage roads and pedestrian/bicycle facility.

Description of Major Project Benefits

Daily Vehicle Hours of Delay Saved *	1,200 Hrs.
Daily Peak Person-Minutes Saved *	106,107 Min.
Other:	The completed project will promote alternative transportation, add traffic management capabilities, and improve highway safety. Benefits as shown are for the corridor project.

Corridor System Management Plan

Lead Agency: CALTRANS	Month/Year
Plan Adoption Date:	Sep-10
Plan Implementation Date:	Sep-10

Expected Source(s) of Additional Funding if the Current Funding Plan Proves Insufficient

Project Delivery Milestones	Baseline	Proposed
	Contract B2	Contract B2
Begin Environmental Phase (PA&ED)	01/01/01	01/01/01
Draft Environmental Document Milestone	10/16/07	10/16/07
Draft Project Report Milestone	10/09/07	10/09/07
End Environmental Phase (PA&ED Milestone)	10/30/08	09/30/09
Begin Design Phase	05/15/08	05/15/08
End Design Phase (Plans, Specifications, and Estimates Milestone)	12/01/10	03/01/11
Begin Right-of-Way	10/30/08	09/30/09
End Right-of-Way (Right-of-way Certification Milestone)	12/01/10	03/01/11
Begin Construction Phase	06/01/11	09/01/11
End Construction Phase (Construction Contract Acceptance Milestone)	12/02/13	03/01/14
Begin Closeout Phase	12/02/13	03/01/14
End Closeout Phase (Closeout Report Milestone)	12/01/14	03/01/15

NOTE: The CTC Corridor Mobility Improvement Account (CMIA) Program Guidelines should have been read and understood prior to preparation of the CMIA Fact Sheet. The CTC CMIA Guidelines and a template of this Project Fact Sheet are available at: <http://www.dot.ca.gov/hq/transprog/> and at: <http://www.catc.ca.gov/>

2.6 Mass Transportation Financial Matters

Project # Allocation Amount Implementing Agency District-County	BREF # and Project Description Description of Allocation	Item # Fund Type	Amount by Fund Type
2.6e.(2) Traffic Congestion Relief Program Allocation		Resolution TFP-09-05	
1 \$1,542,000 Department of Transportation 04 – Marin/Sonoma	<p>Project #18 – Route 101: widen eight miles of freeway to six lanes, Novato to Petaluma (Novato Narrows) in Marin and Sonoma Counties (Marin-Sonoma Narrows Project).</p> <p>Allocate \$920,000 TCRP for the Route 101 Marin-Sonoma Narrows-HOV Lane project (PPNO 0360F) and \$622,000 TCRP for the Route 101 Marin-Sonoma Narrows-Southerly Interchange project (PPNO 0360J) to complete Project Approval and Environmental Documentation (PA&ED).</p> <p>This project has Tier 1 status.</p> <p><u>Output/Outcome:</u> Complete PA&ED, including preliminary engineering.</p>	Chapter 91 of the Statutes of 2000 889-3007 TCRF	\$1,542,000