

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: May 28-29, 2008

Reference No.: 2.1c.(1a)
Action Item

From: CINDY McKIM
Chief Financial Officer

Prepared by: Ross Chittenden
Proposition 1B Program
Manager

Subject: **CMIA BASELINE AMENDMENT**
RESOLUTION CMIA-PA-0708-005

RECOMMENDATION:

The California Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve a project baseline agreement amendment to the Corridor Mobility Improvement Account (CMIA) Program.

ISSUE:

The Department, in conjunction with the Metropolitan Transportation Commission (MTC), the Transportation Authority of Marin (TAM), and the Sonoma County Transportation Authority (SCTA) proposes the following CMIA project agreement amendment to the Highway 101 Marin-Sonoma Narrows – High Occupancy Vehicle (HOV) Lane project (PPNO A0360F), as described on the following pages.

BACKGROUND:

On March 15, 2007, the Commission approved Resolution CMIA-P-0607-02 adopting the CMIA Program of Projects (amending Resolution CMIA-P-0607-01). A major component of this program is project baseline agreements signed by the Director of the affected regional agency, the Director of the California Department of Transportation, and Commission's Executive Director. The baseline agreements set forth the agreed upon project scope, schedule, cost and expected benefits, including the start and completion dates for the environmental, right of way, design, and construction phases of the project. Changes to projects require approval of the same entities that originally signed the project baseline agreement prior to presentation to the Commission.

The Department has worked diligently with affected project sponsors to review and affirm the need of this amendment request by considering all available options to mitigate the need for change. The Department has also worked cooperatively with Commission staff to review technical facts and specific project related issues surrounding the needed changes. The Director of the affected regional agency and the Department's Director have signed the CMIA Bond project baseline agreement amendment for this project and forwarded copies to the Commission's Executive Director for signature.

Overview:

The two main objectives of this amendment are to:

1. Modify the project scope by adjusting the HOV lane limits and by adding the construction phase of the San Antonio Road Interchange.
2. Split the original CMIA project (PPNO A0360F) into three contracts.

In addition, the amendment will re-designate the implementing agency for the Design (PS&E) phase of three contracts and update the funding plan.

The CMIA element (PPNO A0360F) constitutes only a portion of the overall Marin-Sonoma Narrows (“Narrows”) project. The scope of the overall Narrows project (mostly unfunded) extends 16 miles from State Route (SR) 37 in Marin County to north of the Corona Overcrossing in Petaluma (Sonoma County). It includes the addition of HOV lanes, and the construction of interchanges, frontage roads and other pedestrian facilities. It also includes the installation of traffic operation system (TOS) elements such as monitoring stations and ramp metering on the mainline and ramps.

Other elements of the overall “Narrows” project not part of the CMIA Program include the San Antonio Creek Curve Correction project (PPNO 0360G), proposed as part of the 2008 Interregional Transportation Improvement Program (ITIP), and the Petaluma River Bridge and East Washington Interchange, which are only partially funded.

When the CMIA Program was adopted, the scope of this project (PPNO A0360F) was not fully delineated. Since that time, the Department, MTC, TAM and SCTA have been working together to refine and finalize the project scope to maximize the corridor mobility and safety benefits. They have agreed upon the following changes to scope, cost and schedule.

1. Modify Scope

As highlighted below, the original project scope needs to be modified to reduce the HOV lane limits in the southbound direction by one mile in order to fully fund the construction of the San Antonio Road Interchange.

Original Project Scope (PPNO 0A360F)	Amended Project Scope (PPNO 0A360F)
Southbound (SB) HOV lane between SR 37 and Delong Avenue – 2.5 miles (Design, Right of Way, Construction). -----	Southbound (SB) HOV lane between SR 37 and Rowland Blvd – 1.5 miles (Design, Right of Way, Construction). -----
Northbound (NB) HOV lane between SR 37 and Atherton Avenue – 4 miles (Design, Right of Way, Construction).	No Change. Contract A1
San Antonio Road Interchange (Design and Right of Way)	San Antonio Road Interchange (Design, Right of Way, and Construction) Contract B1
Petaluma Boulevard South Interchange (Design, Right of Way and Construction)	No Change. Contract B2

Constructing the San Antonio Interchange now will significantly reduce the number of left and right turn access points in the corridor, allowing effective management of the freeway traffic. This will provide significant benefits in the form of reduced recurrent and non-recurrent congestion. In addition, the construction of this new interchange positions the corridor for the future addition of an HOV lane in each direction.

This reduction in the SB HOV lane limits does not detract from project's effectiveness in reducing congestion as compared to the original project, since it still addresses the most heavily congested segments of the corridor in both directions.

2. Split the CMIA project into Three Contracts

This amendment will split the original CMIA project (PPNO 0A360F) into three CMIA contracts:

1. PPNO 0360F - \$77.3 Million - Highway 101 Marin-Sonoma Narrows (MSN) – HOV lane (Contract A1)

This contract constructs a NB HOV lane from SR 37 to Atherton Avenue and a SB HOV lane from SR 37 to Rowland Boulevard. Completion of this project would extend the existing HOV lane system north of SR 37. The other project improvements include constructing soundwalls and installing TOS elements, such as monitoring stations and ramp metering on mainline and ramps.

2. PPNO 0360J - \$67.4 million - Highway 101 Marin-Sonoma Narrows (MSN) – Southerly Interchange (Contract B1)

This contract constructs a new interchange and frontage roads to serve the San Antonio Road. These improvements implement access control and will become the first step in converting the facility from expressway to freeway. New frontage roads will eliminate existing direct driveways access to and from Highway 101, eliminate a left turn movement across travel lanes on Highway 101 and provide new pedestrian and bicycle facilities. The right of way acquisitions will accommodate some future phases of the overall "Narrows" project. The intent is to affect each property owner only once and also to acquire as much right-of-way for the overall MSN project as the current funding and favorable real estate market conditions will allow for.

3. PPNO 0360H- \$58.1 million - Highway 101 Marin-Sonoma Narrows (MSN) – Petaluma Blvd. South Interchange (Contract B2)

This contract constructs a new interchange, frontage roads, and equipment for ramp metering. These improvements implement access control and will become the first step in converting the facility from expressway to freeway. New frontage roads will eliminate existing direct driveways access to and from Highway 101, eliminate a left turn movement across travel lanes on Highway 101 and provide new pedestrian and bicycle facilities. The right-of-way acquisitions will accommodate some future phases of the overall "Narrows" project. The intent is to affect each property owner only once and also to acquire as much right-of-way for the overall MSN project as the current funding and favorable real estate market conditions will allow for.

The splitting and advancement of the revised elements of the originally proposed project will allow the carpool lane on Highway 101 in Novato to be open to traffic ahead of the schedule proposed in the original CMIA nominating package. The following table highlights the revised schedule.

	PPNO	PA&ED (mm/yy)	Right of Way (mm/yy)	Ready to List (mm/yy)	Approve Contract (mm/yy)	Contract Acceptance (mm/yy)
Original Baseline	A0360F	07/08	12/10	12/10	06/11	12/14
Contract A1	0360F	10/08	07/10	07/10	12/10	12/13
Contract B1	0360J	10/08	12/10	12/10	06/11	12/13
Contract B2	0360H	10/08	12/10	12/10	06/11	12/13

Re-designate PS&E implementing agency for the three contracts.

Currently, the Department is the designated implementing agency for all phases of the original CMIA project. To streamline contract delivery, provide flexibility in support resources, and facilitate coordination of local issues within each county, changes to the implementing agency for the PS&E phase of each contract is as follows:

- PPNO 0360F (Contract A1): Department.
- PPNO 0360J (Contract B1): TAM.
- PPNO 0360H (Contract B2): SCTA.

The Department will remain the implementing agency for the Right of Way and Construction phases of all three contracts.

Update the funding plan.

Although there is no net change, the Interregional Improvement Program (IIP) funds currently programmed for Construction are being redistributed to Environmental (PA&ED) and Construction Support. The \$1.9 million programmed in Marin County's Regional Improvement Program (RIP) will be replaced with local Demonstration funds. The Sonoma RIP funds are being redistributed with no net change. In addition, CMIA funds are being redistributed with no net change.

RESOLUTION:

Resolved, that the California Transportation Commission revise the Corridor Mobility Improvement Account Program for PPNO A0360F as follows:

Deletes: PPNO A0360F

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Marin	4	A0360F	264000	CO	2010-11	R18.3	27.7	101					
Implementing Agency: (by component)		PA&ED	Caltrans				PS&E	Caltrans					
		R/W	Caltrans				CON	Caltrans					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		Route 101 Marin-Sonoma Narrows - HOV lane											
Location:		In and near Novato, from Route 37 to Atherton Avenue.											
Description:		Widen 4 lane expressway to 6 lane freeway for HOV lanes.											
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	06/07	07/08	08/09	09/10	10/11	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
RIP - Marin County													
Existing	37,200			1,300	7,200	14,720	13,980	13,420	11,980	1,300	7,200	1,300	2,000
Change	(37,200)			(1,300)	(7,200)	(14,720)	(13,980)	(13,420)	(11,980)	(1,300)	(7,200)	(1,300)	(2,000)
Proposed	0			0	0	0	0	0	0	0	0	0	0
RIP - Sonoma County													
Existing	19,200				7,720		11,480	7,020	6,500			700	4,980
Change	(19,200)				(7,720)		(11,480)	(7,020)	(6,500)			(700)	(4,980)
Proposed	0				0		0	0	0			0	0
IIP													
Existing	20,900	12,800					8,100		8,100	12,800			
Change	(20,900)	(12,800)					(8,100)		(8,100)	(12,800)			
Proposed	0	0					0		0	0			
CMIA													
Existing	82,400						82,400		71,900				10,500
Change	(82,400)						(82,400)		(71,900)				(10,500)
Proposed	0						0		0				0
TCRP													
Existing	16,500	5,600		10,900						5,600	10,900		
Change	(16,500)	(5,600)		(10,900)						(5,600)	(10,900)		
Proposed	0	0		0						0	0		
Demo													
Existing	8,750	3,100					5,650		5,650	3,100			
Change	(8,750)	(3,100)					(5,650)		(5,650)	(3,100)			
Proposed	0	0					0		0	0			
Demo													
Existing	11,322						11,322		11,322				
Change	(11,322)						(11,322)		(11,322)				
Proposed	0						0		0				
Demo													
Existing	850						850		850				
Change	(850)						(850)		(850)				
Proposed	0						0		0				
Loc Funds													
Existing	5,677						5,677		5,677				
Change	(5,677)						(5,677)		(5,677)				
Proposed	0						0		0				
Total													
Existing	202,799	21,500		12,200	14,920	14,720	139,459	20,440	121,979	22,800	18,100	2,000	17,480
Change	(202,799)	(21,500)		(12,200)	(14,920)	(14,720)	(139,459)	(20,440)	(121,979)	(22,800)	(18,100)	(2,000)	(17,480)
Proposed	0	0		0	0	0	0	0	0	0	0	0	0

Adds: PPNO 0360F (Contract A1)

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Marin	4	0360F	26406	CO	2010-11	18.6	22.3	101					
Implementing Agency: (by component)		PA&ED	Caltrans				PS&E	Caltrans					
		R/W	Caltrans				CON	Caltrans					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		Route 101 Marin-Sonoma Narrows - HOV lane											
Location		In and near Novato, from Route 37 to Atherton Avenue.											
Description:		Widen 4-lane expressway to 6-lane freeway for HOV lanes.											
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	06/07	07/08	08/09	09/10	10/11	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
RIP - Marin County													
Existing	0				0		0		0				0
Change	11,210				1,210		10,000		1,100		10,000		110
Proposed	11,210				1,210		10,000		1,100		10,000		110
IIP													
Existing	0		0	0			0			0			0
Change	4,650		1,000	1,000			2,650			2,000			2,650
Proposed	4,650		1,000	1,000			2,650			2,000			2,650
CMIA													
Existing	0						0		0				0
Change	49,930						49,930			44,420			5,510
Proposed	49,930						49,930			44,420			5,510
TCRP													
Existing	0	0		0						0	0		
Change	11,520	5,600		5,920						5,600	5,920		
Proposed	11,520	5,600		5,920						5,600	5,920		
Total													
Existing	0	0	0	0	0		0	0	0	0	0	0	0
Change	77,310	5,600	1,000	6,920	1,210		62,580	1,100	54,420	7,600	5,920	110	8,160
Proposed	77,310	5,600	1,000	6,920	1,210		62,580	1,100	54,420	7,600	5,920	110	8,160

Adds: PPNO 0360J (Contract B1)

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Marin	4	0360J	26407	CO	2010-11	23.3	27.6	101					
Implementing Agency: (by component)		PA&ED	Caltrans			PS&E	Transportation Authority of Marin						
		R/W	Caltrans			CON	Caltrans						
RTPA/CTC:	Metropolitan Transportation Commission												
Project Title:	Route 101 Marin-Sonoma Narrows - Southerly Interchange												
Location	In Marin County, at intersection of San Antonio Road and Route 101												
Description:	Construct new interchange and frontage roads for San Antonio Road.												
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	06/07	07/08	08/09	09/10	10/11	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
RIP - Marin County													
Existing	0				0		0	0				0	
Change	24,090				6,893		17,197	4,683	17,197			2,210	
Proposed	24,090				6,893		17,197	4,683	17,197			2,210	
IIP													
Existing	0	0					0			0			0
Change	11,750	7,600					4,150			7,600			4,150
Proposed	11,750	7,600					4,150			7,600			4,150
CMIA													
Existing	0						0		0				
Change	10,443						10,443		10,443				
Proposed	10,443						10,443		10,443				
TCRP													
Existing	0		0								0		
Change	3,760		3,760								3,760		
Proposed	3,760		3,760								3,760		
Demo TEA 21													
Existing	0			0			0						
Change	5,650			5,650			5,650						
Proposed	5,650			5,650			5,650						
Demo - SAFETEA LU													
Existing	0			0			0						
Change	11,322			11,322			11,322						
Proposed	11,322			11,322			11,322						
Demo													
Existing	0												
Change	425			425			425						
Proposed	425			425			425						
Total													
Existing	0	0	0	0	0	0	0	0	0	0	0	0	0
Change	67,440	7,600	3,760	24,290	31,790	22,080	27,640	7,600	3,760	2,210	4,150		
Proposed	67,440	7,600	3,760	24,290	31,790	22,080	27,640	7,600	3,760	2,210	4,150		

Adds: PPNO 0360H (Contract B2)

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Sonoma	4	0360H	26408	CO	2010-11	0.4	2.9	101					
Implementing Agency: (by component)		PA&ED	Caltrans				PS&E	SCTA					
		R/W	Caltrans				CON	Caltrans					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		Route 101 Marin-Sonoma Narrows - Petaluma Blvd. South Interchange											
Location:		In Sonoma County, at Petaluma Boulevard South and Route 101.											
Description:		Construct new interchange, frontage roads, and equipment for ramp metering.											
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	06/07	07/08	08/09	09/10	10/11	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
RIP - Sonoma County													
Existing	0				0		0	0					
Change	19,200				6,700		12,500	6,700	12,500				
Proposed	19,200				6,700		12,500	6,700	12,500				
IIP													
Existing	0	0		0						0			
Change	4,500	3,500		1,000						4,500			
Proposed	4,500	3,500		1,000						4,500			
CMIA													
Existing	0						0		0				0
Change	22,027						22,027		17,337				4,690
Proposed	22,027						22,027		17,337				4,690
TCRP													
Existing	0			0							0		
Change	1,220			1,220							1,220		
Proposed	1,220			1,220							1,220		
Demo TEA 21													
Existing	0	0			0			0		0			
Change	3,525	3,100			425			425		3,100			
Proposed	3,525	3,100			425			425		3,100			
Local Measure M													
Existing	0			0	0		0	0	0		0	0	
Change	7,577			3,160	2,984		1,433	2,065	1,433		3,160	919	
Proposed	7,577			3,160	2,984		1,433	2,065	1,433		3,160	919	
Total													
Existing	0	0		0	0		0	0	0	0	0	0	0
Change	58,049	6,600		5,380	10,109		35,960	9,190	31,270	7,600	4,380	919	4,690
Proposed	58,049	6,600		5,380	10,109		35,960	9,190	31,270	7,600	4,380	919	4,690

CMIA RESOLUTION CMIA-PA-0708-005

Location Map



04 – Marin

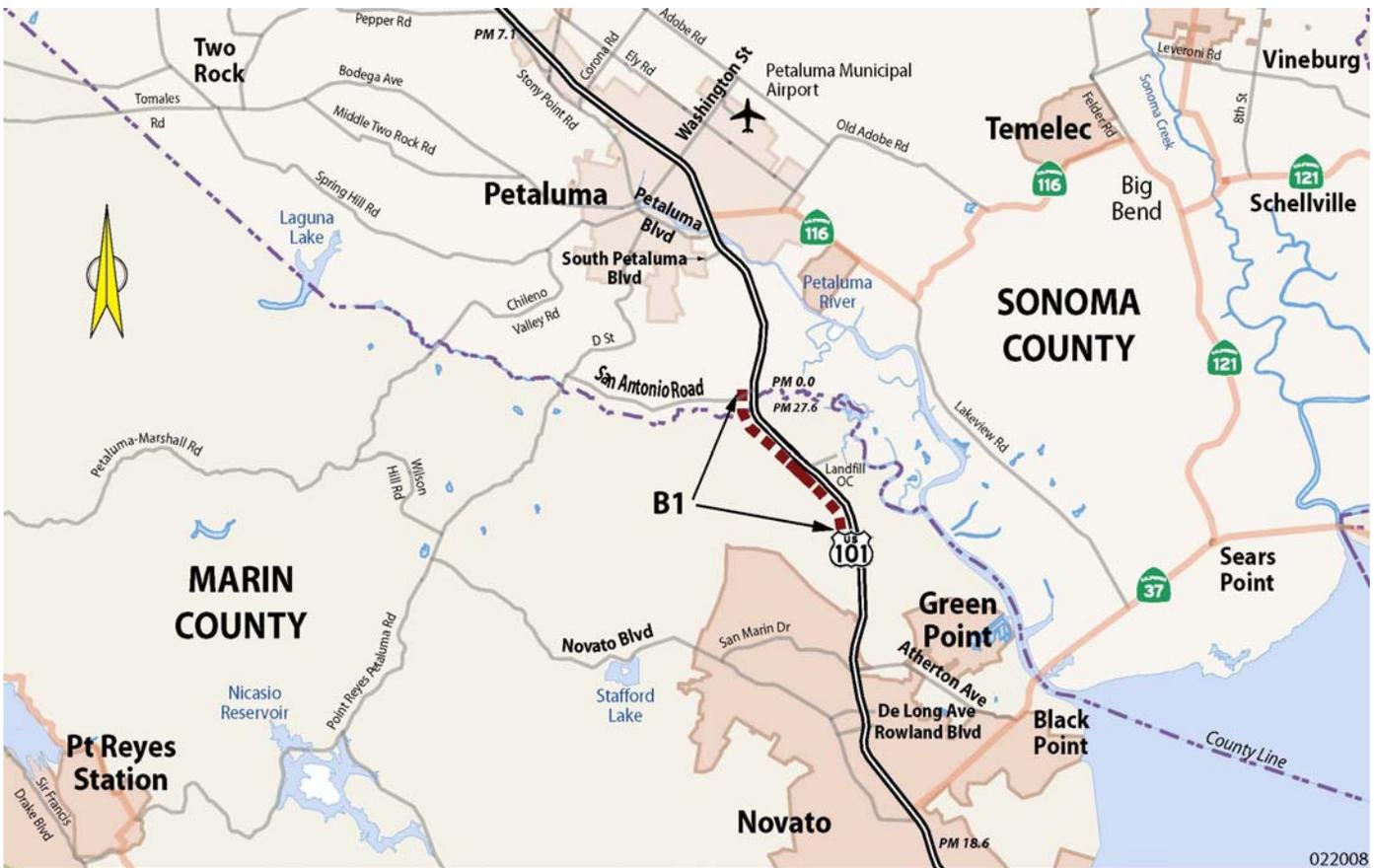
PPNO 0360F

Contract A1

Location: In and near Novato, on Highway 101, from State Route 37 to Atherton Avenue.

Description: Widen 4 –lane expressway to 6-lane freeway for HOV lanes.

Location Map



04 – Marin

PPNO 0360J

Contract B1

Location: In Marin County, at intersection of San Antonio Road and Highway 101.

Description: Construct new interchange and frontage roads for San Antonio Road.

Location Map



04 – Marin

PPNO 0360H

Contract B2

Location: In Sonoma County, at Petaluma Boulevard South and Highway 101.

Description: Construct new interchange, frontage roads, and equipment for ramp metering.