

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: September 15, 2011

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

From: NORMA ORTEGA
Chief Financial Officer

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Division Chief
Transportation Programming

Subject: **CMIA PROJECT BASELINE AMENDMENT**
RESOLUTION CMIA-PA-1112-011, AMENDING RESOLUTION CMIA-P-1011-07

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) amend the Corridor Mobility Improvement Account (CMIA) baseline agreement for the Marin-Sonoma Narrows (MSN) Corridor project in Marin and Sonoma Counties.

ISSUE:

The Department, the Transportation Authority of Marin, and the Sonoma County Transportation Authority propose to amend the CMIA baseline agreement for the MSN Corridor project to increase the project scope and update the project funding plan.

BACKGROUND:

Since its adoption into the CMIA program in February 2007, the MSN Corridor project has undergone a number of baseline amendments.

At its May 2008 meeting, the Commission approved resolution CMIA-PA-0708-005 which updated the project scope and split the overall MSN Corridor project into three separate roadway contracts:

- Route 101 Marin-Sonoma Narrows – HOV Lane project (PPNO 0360F, Contract A1).
- Route 101 Marin-Sonoma Narrows – Southerly Interchange project (PPNO 0360J, Contract B1).
- Route 101 Marin-Sonoma Narrows – Petaluma Boulevard South Interchange (PPNO 0360H, Contract B2).

Furthermore, a follow-up landscaping project (PPNO 0360L) was programmed into the 2010 State Transportation Improvement Program.

The funding plan and the delivery schedule for all three roadway contracts have been updated multiple times at various subsequent Commission meetings. The current rolled-up corridor funding plan is shown on Page 3. There is a concurrent request to program \$1,865,000 in State-Local Partnership Program funds to the MSN Corridor project. The funding plans for the individual contracts are also included for reference.

Adding Petaluma River Bridge scope

At its June 2011 meeting, the Commission approved resolution CMIA-P-1011-07, adding Petaluma River Bridge scope to the CMIA program.

The Petaluma River Bridge project will replace the existing bridge structure and will also realign and reconstruct Route 101 for future HOV lanes, between the Petaluma Boulevard South Undercrossing and the State Route 116. The replacement of the existing Petaluma River Bridge will also correct the roadway vertical profile by significantly raising the roadway grades south of the bridge. Once completed, this component of the overall MSN Corridor project will address the existing and future traffic capacity constraints and improve the overall Route 101 traffic operations in this region.

Combine Petaluma River Bridge scope with Contract B2 (Petaluma Boulevard South Interchange)

The Petaluma Boulevard South Interchange project (PPNO 0360H, Contract B2) will construct a new interchange, frontage roads and ramp metering equipment. The projects limits extend from post mile (PM) 0.9 to PM 2.9. The Petaluma River Bridge project, which represents the new scope that is being added to the MSN corridor, will extend the project limits from PM 2.5 to PM 3.6.

The roadway grade change work, which is being done as part of the interchange project, will require multiple reconstructions of the northbound on-ramp and the southbound off-ramp. Furthermore, the Petaluma River Bridge will be constructed in three stages, each requiring adjustments to the ramps at the Petaluma Boulevard South interchange. In order to minimize schedule conflicts, inconvenience to the traffic public and also to avoid potential claims, it is proposed to deliver the combined Petaluma River Bridge and the Petaluma Boulevard South Interchange scope of work as a single project.

Project Delivery

Contract A1 has already been delivered and currently under construction. There is no change to the delivery schedule for Contract B1 and the revised Contract B2, which now includes the work relating to the Petaluma River Bridge

The Metropolitan Transportation Commission concurs with the changes.

RESOLUTION CMIA-PA-1112-011

Be it Resolved, that the California Transportation Commission does hereby amend the Corridor Mobility Improvement Account baseline for the Marin-Sonoma Narrows Corridor project in the Marin and Sonoma Counties in accordance with the information described above and illustrated in the following tables.

REVISE: Overall Corridor Baseline: Marin-Sonoma Narrows Corridor project

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Marin	4	A0360F	256400	CO	2011-12	18.3 (Mrn)	7.5 (Son)	101					
Implementing Agency: (by component)		PA&ED	Department				PS&E	Department/TAM/SCTA					
		R/W	Department				CON	Department					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		Highway 101 Marin-Sonoma Narrows project											
Location		In and near Novato, from Route 37 to Atherton Avenue.											
Description:		Widen 4 lane expressway to 6 lane freeway for HOV lanes, construct new interchanges at Redwood Landfill Road and at Petaluma Blvd. South and replace Petaluma River Bridge.											
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	10/11	11/12	12/13	13/14	14/15	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
Corridor Mobility Improvement Account (CMIA)													
Existing	76,040		29,773	46,267				67,398					8,642
Change	45,000		0	45,000				38,250					6,750
Proposed	121,040		29,773	91,267				105,648					15,392
Interregional Improvement Program (IIP)													
Existing	20,900	14,100	6,800						14,100				6,800
Change	0	0	0						0				0
Proposed	20,900	14,100	6,800						14,100				6,800
Traffic Congestion Relief Program (TCRP)													
Existing	16,500	16,500							8,742	7,758			
Change	0	0							0	0			
Proposed	16,500	16,500							8,742	7,758			
Regional Improvement Program (RIP) - Marin													
Existing	34,802	14,703	16,849				3,250	8,531	16,664		5,892	2,660	1,055
Change	0	0	0				0	0	0		0	0	0
Proposed	34,802	14,703	16,849				3,250	8,531	16,664		5,892	2,660	1,055
Regional Improvement Program (RIP) - Sonoma													
Existing	19,200	10,810	7,395				995	10,810	8,165		110		115
Change	0	0	0				0	0	0		0		0
Proposed	19,200	10,810	7,395				995	10,810	8,165		110		115
Federal Demonstration (demo) funds - Marin													
Existing	16,312	16,312						16,312					
Change	0	0						0					
Proposed	16,312	16,312						16,312					
Federal Demonstration (demo) funds - Sonoma													
Existing	3,505	3,505						405		3,100			
Change	0	0						0		0			
Proposed	3,505	3,505						405		3,100			
Local funds - Sonoma													
Existing	7,577	7,179		398				1,415	0		4,364	1,400	398
Change	13,544	6,729		6,815				776	6,065		5,453	500	750
Proposed	21,121	13,908		7,213				2,191	6,065		9,817	1,900	1,148
State-Local Partnership Program (SLPP) - Sonoma													
Existing	0			0					0				
Change	1,865			1,865					1,865				
Proposed	1,865			1,865					1,865				
Total													
Existing	194,836	83,109	60,817	46,665			4,245	37,473	92,227	25,942	18,124	4,060	17,010
Change	60,409	6,729	0	53,680			0	776	46,180	0	5,453	500	7,500
Proposed	255,245	89,838	60,817	100,345			4,245	38,249	138,407	25,942	23,577	4,560	24,510

Contract A1: Marin-Sonoma Narrows – HOV Lane project (PPNO 0360F)

County	District	PPNO	EA	Element	Const. Year	PMBack	PMAhead	Route/Corridor					
Marin	4	0360F	26406	CO	2010-11	18.6	22.3	101					
Implementing Agency: (by component)		PA&ED	Department				PS&E	Department					
		R/W	Department				CON	Department					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		Route 101 Marin-Sonoma Narrows-HOV Lane											
Location		In and near Novato on Route 101.											
Description:		Construct a NB HOV lane from Route 37 to Atherton and SB HOV lane from Route 34 to Rowland Blvd.											
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	10/11	11/12	12/13	13/14	14/15	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
Regional Improvement Program (RIP)													
Existing	3,899	849	3,050					277	3,050		507	65	
Change	0	0	0					0	0		0	0	
Proposed	3,899	849	3,050					277	3,050		507	65	
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
State Bond - Corridor Mobility Improvement Account (CMIA)													
Existing	29,773		29,773						25,423				4,350
Change	0		0						0				0
Proposed	29,773		29,773						25,423				4,350
Traffic Congestion Relief Program (TCRP)													
Existing	11,520	11,520								7,520	4,000		
Change	0	0								0	0		
Proposed	11,520	11,520								7,520	4,000		
Total													
Existing	49,842	14,369	35,473					277	28,473	9,520	4,507	65	7,000
Change	0	0	0					0	0	0	0	0	0
Proposed	49,842	14,369	35,473					277	28,473	9,520	4,507	65	7,000

Note: This project is under construction.

Contract B1: Marin-Sonoma Narrows – Southerly Interchange at Redwood Landfill Road project (PPNO 0360J)

County	District	PPNO	EA	Element	Const. Year	PMBack	PMAhead	Route/Corridor					
Marin	4	0360J	26407	CO	2011-12	23.3	27.6	101					
Implementing Agency: (by component)		PA&ED	Department				PS&E	TAM					
		R/W	Department				CON	Department					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		Marin-Sonoma Narrows-Southerly Interchange at Redwood Landfill Road											
Location:		Near Petaluma, at intersection of Redwood Landfill Road and Route 101.											
Description:		Construct new interchange and frontage roads for Redwood Landfill Road											
(DOLLARS IN THOUSANDS)													
FUND	TOTAL	Project Totals by Fiscal Year						Project Totals by Component					
		Prior	10/11	11/12	12/13	13/14	14/15	R/W	CON	PA&ED	PS&E	R/W Supp	CON Supp
Regional Improvement Program (RIP)													
Existing	27,698	10,849	16,849					8,254	11,114		5,035	2,595	700
Change	0	0	0					0	0		0	0	0
Proposed	27,698	10,849	16,849					8,254	11,114		5,035	2,595	700
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
State Bond - Corridor Mobility Improvement Account (CMIA)													
Existing	18,550			18,550					18,550				
Change	0			0					0				
Proposed	18,550			18,550					18,550				
Traffic Congestion Relief Program (TCRP)													
Existing	3,760	3,760								1,222	2,538		
Change	0	0								0	0		
Proposed	3,760	3,760								1,222	2,538		
Federal Demonstration (Demo) funds													
Existing	405	405						405					
Change	0	0						0					
Proposed	405	405						405					
Federal Demonstration (Demo) funds													
Existing	5,109	5,109						5,109					
Change	0	0						0					
Proposed	5,109	5,109						5,109					
Federal Demonstration (Demo) funds													
Existing	10,798	10,798						10,798					
Change	0	0						0					
Proposed	10,798	10,798						10,798					
Total													
Existing	78,070	38,521	20,999	18,550				24,566	29,664	8,822	7,573	2,595	4,850
Change	0	0	0	0				0	0	0	0	0	0
Proposed	78,070	38,521	20,999	18,550				24,566	29,664	8,822	7,573	2,595	4,850

REVISE: Contract B2: Marin-Sonoma Narrows – Petaluma Boulevard South Interchange and Petaluma River Bridge project (PPNO 0360H)

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor				
Sonoma	4	0360H	26408	CO	2011-12	0.9	2.9	101				
Implementing Agency: (by component)		PA&ED	Department				PS&E	SCTA				
		R/W	Department				CON	Department				
RTPA/CTC:	Metropolitan Transportation Commission											
Project Title:	Route 101 Marin-Sonoma Narrows-Petaluma Blvd South Interchange and Petaluma River Bridge.											
Location:	Near Petaluma, at Petaluma Boulevard South and Route 101.											
Description:	Construct new interchange, frontage roads, and equipment for ramp metering and replace existing Petaluma River Bridge.											
(DOLLARS IN THOUSANDS)												
FUND	TOTAL	Project Totals by Fiscal Year					Project Totals by Component					
		Prior	10/11	11/12	12/13	13/14	14/15	R/W	CON	PA&ED	PS&E	R/W Supp
Regional Improvement Program (RIP)												
Existing	18,205	10,810	7,395				10,810	7,395				
Change	0	0	0				0	0				
Proposed	18,205	10,810	7,395				10,810	7,395				
Interregional Improvement Program (IIP)												
Existing	4,500	4,500							4,500			
Change	0	0							0			
Proposed	4,500	4,500							4,500			
State Bond - Corridor Mobility Improvement Account (CMIA)												
Existing	27,717			27,717					23,425			4,292
Change	45,000			45,000					38,250			6,750
Proposed	72,717			72,717					61,675			11,042
Traffic Congestion Relief Program (TCRP)												
Existing	1,220	1,220									1,220	
Change	0	0									0	
Proposed	1,220	1,220									1,220	
Federal Demonstration (Demo) funds												
Existing	3,505	3,505					405		3,100			
Change	0	0					0		0			
Proposed	3,505	3,505					405		3,100			
Local Funds												
Existing	7,577	7,179		398			1,415	0		4,364	1,400	398
Change	13,544	6,729		6,815			776	6,065		5,453	500	750
Proposed	21,121	13,908		7,213			2,191	6,065		9,817	1,900	1,148
State-Local Partnership Program (SLPP) - Sonoma												
Existing	0			0				0				
Change	1,865			1,865				1,865				
Proposed	1,865			1,865				1,865				
Total												
Existing	62,724	27,214	7,395	28,115			12,630	30,820	7,600	5,584	1,400	4,690
Change	60,409	6,729	0	53,680			776	46,180	0	5,453	500	7,500
Proposed	123,133	33,943	7,395	81,795			13,406	77,000	7,600	11,037	1,900	12,190

Landscaping Contract: Marin-Sonoma Narrows – Follow-up landscaping and Soundwall contract (PPNO 0360L)

County	District	PPNO	EA	Element	Const. Year	PMBack	PMAhead	Route/Corridor				
Marin	4	0360L	2640H	CO	2014-15	18.6	30	101				
Implementing Agency: (by component)	PA&ED	Department					PS&E	Department				
	R/W	Department					CON	Department				
RTPA/CTC:	Metropolitan Transportation Commission											
Project Title:	MSN Landscape/Mitigation & Sound Wall											
Location	In Marin and Sonoma Counties from Route 37 in Novato to Corona Road in Petaluma.											
Description:	Construct follow-up landscape and soundwall (selected locations only).											
(DOLLARS IN THOUSANDS)												
FUND	TOTAL	Project Totals by Fiscal Year					Project Totals by Component					
		Prior	10/11	11/12	12/13	13/14	14/15	R/W	CON	PA&ED	PS&E	R/W Supp
Regional Improvement Program (RIP)												
Existing	4,200					4,200		3,270		460		470
Change	0					0		0		0		0
Proposed	4,200					4,200		3,270		460		470
Total												
Existing	4,200					4,200		3,270		460		470
Change	0					0		0		0		0
Proposed	4,200					4,200		3,270		460		470