

# Memorandum

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: December 14-15, 2011

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

From: NORMA ORTEGA  
Chief Financial Officer

Prepared by: Rachel Falsetti  
Division Chief  
Transportation Programming

Subject: **CMIA PROJECT AMENDMENT**  
**RESOLUTION CMIA-PA-1112-019**

## **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 State Route 4 East Widening Corridor project in the Contra Costa County.

## **ISSUE:**

The Department and the Contra Costa Transportation Authority (CCTA) propose to amend the CMIA baseline agreement for the State Route (SR) 4 East Widening Corridor Project to increase the project scope and update the funding plan.

## **BACKGROUND:**

Since its adoption into the CMIA program in February 2007, the State Route 4 East Widening Corridor project was undergone a number of baseline amendments:

- At its February 2010 meeting, the Commission approved Resolution CMIA-PA-0910-019 which updated the project scope and project funding plan, and also split the overall project into three roadway contracts and one follow-up landscaping contract:
  - Segment 1 (PPNO 0192F): Widen SR 4 from Somersville Road to Contra Loma/L Street and reconstruct Somersville Road Interchange.
  - Segment 2 (PPNO 0192H): Widen SR 4 from Contra Loma Boulevard/L Street to Lone Tree Way/A Street, reconstruct Contra Loma Boulevard/L Street Interchange, and replace G Street Overcrossing.
  - Segment 3 (PPNO 0192I): Widen SR 4 from Lone Tree Way/A Street to SR 160 and partially reconstruct Lone Tree Way/A Street Interchange, replace Cavallo Road Undercrossing, and partially reconstruct Hillcrest Avenue Interchange.

- Segment 4 (PPNO 0192J): Construct follow-up landscaping on SR 4 from Somersville Road to SR 160 Interchange in Contra Costa County.

In June 2011 under Resolution CMIA-P-1011-07 baseline amendment, the project scope of Segment 3 was again revised and updated Segment 3 was further split into two contracts:

- Segment 3A (PPNO 0192I): Widen SR 4 from Lone Tree Way to Hillcrest Avenue. This project will widen SR 4 from four lanes to eight lanes, partially reconstruct the Lone Tree Way Interchange, and replace the Cavallo Undercrossing and the Roosevelt Pedestrian Undercrossing
- Segment 3B (PPNO 0192L): Widen SR 4 from Hillcrest Avenue to State Route 160. This project will widen SR 4 from four lanes to six lanes, construct an auxiliary lane between SR 160 and Hillcrest Avenue westbound off-ramp, and partially reconstruct the Hillcrest Avenue Interchange.

### **Adding SR 4 Bypass Freeway Conversion scope**

At its June 2011 meeting, the Commission approved resolution CMIA-P-1011-07, which added SR 4 Freeway Conversion – Phase 1 and Phase 2 scope to the SR 4 East Widening Corridor project.

The SR 4 Bypass Freeway Conversion Project – Phase 1 and 2 (Laurel Road to Sand Creek Road, including Sand Creek Road Interchange) will convert a two-lane, two-way expressway to a 4-lane freeway from north of Laurel Road to south of San Jose Avenue and will construct an interchange at the intersection of the SR 4 Bypass and Sand Creek Road. The SR 4 Bypass will become the new alignment for SR 4 in eastern Contra Costa County.

Once completed, this new segment will improve mobility by removing a significant bottleneck on the SR 4 Bypass. In addition, the project will also improve safety by converting a 2-lane expressway to a 4-lane freeway and constructing an interchange at Sand Creek Road.

The revised funding plan for the corridor, shown on Page 4, now includes additional scope of the SR 4 Bypass Conversion. The funding plans for the individual contracts follow.

### **Project Delivery**

The contract for Segment 2 (from Contra Loma Boulevard to Lone Tree way, PPNO 0192H) was awarded on October 11, 2011 with \$8,529,000 in CMIA savings. There is a concurrent request to de-allocate these savings. Out of these savings, \$8,000,000 is being proposed to be programmed to the SR 4 Bypass contract as part of this request.

The delivery schedule for Segment 5 – SR 4 Bypass project is tabulated on the following page.

Project Milestone		Proposed
Project Study Report Approved		Complete
Begin Environmental (PA&ED) Phase		Complete
Circulate Draft Environmental Document	Document Type EIR	Complete
Draft Project Report		Complete
End Environmental Phase (PA&ED Milestone)		09/30/07
Begin Design (PS&E) Phase		09/30/07
End Design Phase (Ready to List for Advertisement Milestone)		08/05/11
Begin Right of Way Phase		09/30/07
End Right of Way Phase (Right of Way Certification Milestone)		08/05/11
Begin Construction Phase (Contract Award Milestone)		03/01/12
End Construction Phase (Construction Contract Acceptance Milestone)		02/01/14
Begin Closeout Phase		02/01/14
End Closeout Phase (Closeout Report)		02/01/15

There are no changes to the delivery schedule for the other contracts.

The Metropolitan Transportation Commission concurs with these changes.

**RESOLUTION CMIA-PA-1112-019**

Be it Resolved, that the California Transportation Commission does hereby amend the Corridor Mobility Improvement Account baseline for the State Route 4 East Widening Corridor project in Contra Costa County in accordance with the information described above and illustrated in the following tables.

**REVISE: Overall Corridor Baseline: State Route 4 East Widening Corridor Project**

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Contra Costa	4	Various	-	CO	2009-10 2010-11 2011-12	25.6	30.5	4					
<b>Implementing Agency: (by component)</b>		<b>PA&amp;ED</b>	CCTA			<b>PS&amp;E</b>	CCTA						
		<b>R/W</b>	CCTA			<b>CON</b>	Department/CCTA						
<b>RTPA/CTC:</b>		Metropolitan Transportation Commission											
<b>Project Title:</b>		State Route 4 East Widening Corridor											
<b>Location</b>		In Antioch, on Route 4 East between Somersville and <del>Route 160</del> Sand Creek Interchange.											
<b>Description:</b>		Widen from four to eight lanes (Somersville to Hillcrest) and and four to six lanes (Hillcrest to SR 160/SR 4 Bypass), <b>widen from two to four lanes from Laurel Road to Sand Creek Road and construct a new interchange at SR4 Bypass/Sand Creek intersection.</b>											
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>State Bond - Corridor Mobility Improvement Account (CMIA)</b>													
Existing	80,728	12,428	25,200	43,100				60,728					20,000
Change	25,000	0	0	25,000				25,000					0
Proposed	<b>105,728</b>	12,428	25,200	<b>68,100</b>				<b>85,728</b>					20,000
<b>Regional Improvement Program (RIP)</b>													
Existing	38,476	38,476					10,000	26,476					2,000
Change	0	0					0	0					0
Proposed	38,476	38,476					10,000	26,476					2,000
<b>State Bond - State Local Partnership Program (SLPP)</b>													
Existing	14,996		9,984	5,012				14,996					
Change	4,669		0	4,669				4,669					
Proposed	<b>19,665</b>		9,984	<b>9,681</b>				<b>19,665</b>					
<b>Federal Demonstration (Demo)</b>													
Existing	1,600	1,600						1,600					
Change	0	0						0					
Proposed	1,600	1,600						1,600					
<b>Local funds (CCTA)</b>													
Existing	268,319	67,484	62,581	117,654	20,600		34,200	187,932	300	29,000			16,887
Change	3,493	8,162	0	(4,669)	0		2,057	(4,669)	0	6,105			0
Proposed	<b>271,812</b>	<b>75,646</b>	62,581	<b>112,985</b>	20,600		<b>36,257</b>	<b>183,263</b>	300	<b>35,105</b>			16,887
<b>Local funds (BART)</b>													
Existing	22,761	4,461	3,930	14,370				19,456		1,500			1,805
Change	0	0	0	0				0		0			0
Proposed	22,761	4,461	3,930	14,370				19,456		1,500			1,805
<b>Total</b>													
Existing	426,880	124,449	101,695	180,136	20,600		44,200	311,188	300	30,500			40,692
Change	33,162	8,162	0	25,000	0		2,057	25,000	0	6,105			0
Proposed	<b>460,042</b>	<b>132,611</b>	101,695	<b>205,136</b>	20,600		<b>46,257</b>	<b>336,188</b>	300	<b>36,605</b>			40,692

NOTE: The revised corridor funding plan above reflects additional CMIA and SLPP funding that has already been approved by the Commission.

**PPNO 0192F: State Route 4 East Widening – Segment 1 (from Somersville to Contra Loma)**

County	District	PPNO	EA	Element	Const. Year	PMBack	PMAhead	Route/Corridor					
Contra Costa	4	0192F	2285C	CO	2009-10	25.6	R26.6	4					
Implementing Agency: (by component)	PA&ED	CCTA				PS&E	CCTA						
	R/W	CCTA				CON	Department						
RTPA/CTC:	Metropolitan Transportation Commission												
Project Title:	SR-4 E Widening between Somersville & SR-160 (#1)												
Location	In Antioch, on Route 4 East between Somersville and Contra Loma Blvd.												
Description:	Widen from four to eight lanes.												
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>Regional Improvement Program (RIP)</b>													
Existing	38,476	38,476						10,000	26,476				2,000
Change	0	0						0	0				0
Proposed	38,476	38,476						10,000	26,476				2,000
<b>State Bond - Corridor Mobility Improvement Account (CMIA)</b>													
Existing	12,428	12,428							8,528				3,900
Change	0	0							0				0
Proposed	12,428	12,428							8,528				3,900
<b>Federal Demonstration (Funds)</b>													
Existing	1,600	1,600							1,600				
Change	0	0							0				
Proposed	1,600	1,600							1,600				
<b>Local Funds (CCTA)</b>													
Existing	17,145	17,145						6,375	476	64	5,922		4,308
Change	0	0						0	0	0	0		0
Proposed	17,145	17,145						6,375	476	64	5,922		4,308
<b>Local Funds (BART)</b>													
Existing	3,281	3,281							2,561		320		400
Change	0	0							0		0		0
Proposed	3,281	3,281							2,561		320		400
<b>Total</b>													
Existing	72,930	72,930						16,375	39,641	64	6,242		10,608
Change	0	0						0	0	0	0		0
Proposed	72,930	72,930						16,375	39,641	64	6,242		10,608

NOTE: This contract is currently under construction.

**REVISE: PPNO 0192H: State Route 4 East Widening – Segment 2 (from Contra Loma to Lone Tree)**

County	District	PPNO	EA	Element	Const. Year	PMBack	PM Ahead	Route/Corridor					
Contra Costa	4	0192H	2285E	CO	2010-11	26.6	27.5	4					
<b>Implementing Agency: (by component)</b>		<b>PA&amp;ED</b>	CCTA				<b>PS&amp;E</b>	CCTA					
		<b>R/W</b>	CCTA				<b>CON</b>	Department					
<b>RTPA/CTC:</b>		Metropolitan Transportation Commission											
<b>Project Title:</b>		SR-4 E Widening between Somersville & SR-160 (#2)											
<b>Location:</b>		In Antioch, on Route 4 East, from Contra Loma Boulevard/L Street to Lone Tree Way/A Street.											
<b>Description:</b>		Widen from four to eight lanes.											
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>State Bond - Corridor Mobility Improvement Account</b>													
Existing	25,200		25,200					19,300					5,900
Change	(8,529)		(8,529)					(8,529)					0
Proposed	16,671		16,671					10,771					5,900
<b>State Bond - State Local Partnership Program (SLPP)</b>													
Existing	9,984		9,984					9,984					
Change	0		0					0					
Proposed	9,984		9,984					9,984					
<b>Local Funds (CCTA)</b>													
Existing	82,998	20,417	62,581				12,013	54,716	88	8,316			7,865
Change	(29,796)	0	(29,796)				0	(29,796)	0	0			0
Proposed	53,202	20,417	32,785				12,013	24,920	88	8,316			7,865
<b>Local Funds (BART)</b>													
Existing	4,368	438	3,930					3,300		438			630
Change	(258)	0	(258)					(258)		0			0
Proposed	4,110	438	3,672					3,042		438			630
<b>Total</b>													
Existing	122,550	20,855	101,695				12,013	87,300	88	8,754			14,395
Change	(38,583)	0	(38,583)				0	(38,583)	0	0			0
Proposed	83,967	20,855	63,112				12,013	48,717	88	8,754			14,395

NOTE: The contract for Segment 2 was awarded on October 11, 2011 with savings. The revised funding plan above reflects these savings for CMIA and local funds. There is a concurrent request to de-allocate these CMIA savings from Segment 2. Out of those savings, \$8,000,000 CMIA is proposed to be programmed to Segment 5 – SR 4 Bypass Conversion contract (0192N) as part of current baseline amendment request.

**REVISE: PPNO 0192I: State Route 4 East Widening – Segment 3A (from Lone Tree to Hillcrest)**

County	District	PPNO	EA	Element	Const. Year	PMBack	PM Ahead	Route/Corridor					
Contra Costa	4	0192I	2285F	CO	2011-12	27.2	R29.6	4					
<b>Implementing Agency: (by component)</b>		<b>PA&amp;ED</b>	CCTA				<b>PS&amp;E</b>	CCTA					
		<b>R/W</b>	CCTA				<b>CON</b>	Department					
<b>RTPA/CTC:</b>		Metropolitan Transportation Commission											
<b>Project Title:</b>		SR-4 E Widening between Somersville & SR-160 (#3A)											
<b>Location:</b>		In Antioch, on Route 4 East, from Lone Tree Way to State Route 160.											
<b>Description:</b>		Widen from four to six lanes.											
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>State Bond - Corridor Mobility Account Improvement (CMIA)</b>													
Existing	43,100			43,100					32,900				10,200
Change	0			0					0				0
Proposed	43,100			43,100					32,900				10,200
<b>State Bond - State Local Partnership Program (SLPP)</b>													
Existing	5,012			5,012					5,012				
Change	4,669			4,669					4,669				
Proposed	9,681			9,681					9,681				
<b>Local Funds (CCTA)</b>													
Existing	46,026	18,501		27,525				11,720	25,111	80	6,701		2,414
Change	(4,669)	0		(4,669)				0	(4,669)	0	0		0
Proposed	41,357	18,501		22,856				11,720	20,442	80	6,701		2,414
<b>Local Funds (BART)</b>													
Existing	6,307	742		5,565					4,790		742		775
Change	0	0		0					0		0		0
Proposed	6,307	742		5,565					4,790		742		775
<b>Total</b>													
Existing	100,445	19,243		81,202				11,720	67,813	80	7,443		13,389
Change	0	0		0				0	0	0	0		0
Proposed	100,445	19,243		81,202				11,720	67,813	80	7,443		13,389

NOTE: Additional \$4,669,000 in SLPP funds shown above have already been approved by the Commission under Resolution SLP1B-1112-03 at its September 2011 meeting.

**PPNO 0192L: State Route 4 East Widening – Segment 3B (from Hillcrest to SR 160)**

County	District	PPNO	EA	Element	Const. Year	PMBack	PM Ahead	Route/Corridor					
Contra Costa	4	0192L	1G941	CO	2011-12	28.6	30.5	4					
<b>Implementing Agency: (by component)</b>		<b>PA&amp;ED</b>	CCTA				<b>PS&amp;E</b>	CCTA					
		<b>R/W</b>	CCTA				<b>CON</b>	CCTA					
<b>RTPA/CTC:</b>	Metropolitan Transportation Commission												
<b>Project Title:</b>	SR-4 E Widening between Somersville & SR-160 (#3B)												
<b>Location</b>	In Antioch, on Route 4 East, from Hillcrest Avenue to SR 160.												
<b>Description:</b>	Widen from four to six lanes.												
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>Local Funds (CCTA)</b>													
Existing	101,550	11,421		90,129				4,092	90,129	68	7,261		
Change	0	0		0				0	0	0	0		
Proposed	101,550	11,421		90,129				4,092	90,129	68	7,261		
<b>Local Funds (BART)</b>													
Existing	8,805			8,805					8,805				
Change	0			0					0				
Proposed	8,805			8,805					8,805				
<b>Total</b>													
Existing	110,355	11,421		98,934				4,092	98,934	68	7,261		
Change	0	0		0				0	0	0	0		
Proposed	110,355	11,421		98,934				4,092	98,934	68	7,261		

**PPNO 0192J: State Route 4 East Widening – Segment 4 (Follow-up Landscaping)**

County	District	PPNO	EA	Element	Const. Year	PMBack	PMAhead	Route/Corridor					
Contra Costa	4	0192J	2285A	CO	2013-14	24.5	R29.6	4					
Implementing Agency: (by component)	PA&ED	CCTA					PS&E	CCTA					
	R/W	CCTA					CON	Department					
RTPA/CTC:	Metropolitan Transportation Commission												
Project Title:	SR-4 E Widening between Somersville & SR-160 (#4)												
Location	In Antioch, on Route 4 East, from Somersville to Route 160.												
Description:	Construct replacement landscaping.												
(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
<b>Local Funds (CCTA)</b>													
Existing	20,600					20,600			17,500		800		2,300
Change	0					0			0		0		0
Proposed	20,600					20,600			17,500		800		2,300
<b>Total</b>													
Existing	20,600					20,600			17,500		800		2,300
Change	0					0			0		0		0
Proposed	20,600					20,600			17,500		800		2,300

**REVISE: PPNO 0192N: State Route 4 East Widening – Segment 5 (SR 4 Bypass Scope)**

County	District	PPNO	EA	Element	Const. Year	PMBack	PMAhead	Route/Corridor					
Contra Costa	4	0192N	24657	CO	2011-12	32.4	35.6	4					
<b>Implementing Agency: (by component)</b>	<b>PA&amp;ED</b>	SR 4 Bypass Authority				<b>PS&amp;E</b>	SR 4 Bypass Authority						
	<b>R/W</b>	SR 4 Bypass Authority				<b>CON</b>	CCTA						
<b>RTPA/CTC:</b>	Metropolitan Transportation Commission												
<b>Project Title:</b>	SR-4 E Widening between Somerville and SR 160 (#5)												
<b>Location</b>	In the cities of Antioch and Brentwood.												
<b>Description:</b>	Convert 2-lane expressway to a 4-lane freeway, from Laurel Road to Sand Creek Road and construct a new interchange at SR4 Bypass/Sand Creek Road.												
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>State Bond - Corridor Mobility Improvement Account (CMIA)</b>													
Existing	25,000			25,000				25,000					
Change	8,000			8,000				8,000					
Proposed	<b>33,000</b>			<b>33,000</b>				<b>33,000</b>					
<b>Local Funds (CCTA)</b>													
Existing	16,162	8,162		8,000			2,057	8,000		6,105			
Change	(8,000)	0		(8,000)			0	(8,000)		0			
Proposed	<b>8,162</b>	8,162		<b>0</b>			2,057	<b>0</b>		6,105			
<b>Total</b>													
Existing	41,162	8,162		33,000			2,057	33,000		6,105			
Change	0	0		0			0	0		0			
Proposed	<b>41,162</b>	8,162		<b>33,000</b>			2,057	<b>33,000</b>		6,105			

NOTE: The funding plan above reflects the transfer of \$8,000,000 CMIA in award savings from Segment 2. There is a concurrent request to de-allocate these savings from Segment 2.