

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: April 7-8, 2010

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

From: NORMA ORTEGA  
Chief Financial Officer

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Subject: **CMIA PROJECT AMENDMENT**  
**RESOLUTION CMIA-PA-0910-022**

## **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 I-580 Westbound HOV Lane – Greenville to Foothill project (PPNO 0112B).

## **ISSUE:**

The Department and the Alameda County Congestion Management Agency (ACCMA) propose to amend the CMIA baseline agreement for the I-580 Westbound HOV Lane – Greenville to Foothill project (PPNO 0112B) to:

1. Update the project scope as follows:
  - Eliminate the westbound I-580 express bus off-ramp to the Dublin-Pleasanton Bay Area Rapid Transit (BART) Station, funded by 12 million Regional Measure 2 (RM2) funds.
  - Add a westbound auxiliary lane at two locations: a) From Vasco Road to First Street and b) From Airway Boulevard to Fallon Road. These improvements will be funded by local funds.
2. Update the overall project funding plan.
3. Split the updated project into three roadway contracts.

## **BACKGROUND:**

The I-580 Westbound HOV Lane – Greenville to Foothill project (PPNO 0112B) is located in Alameda County. As included in the originally approved baseline, this project will:

- Construct a high occupancy vehicle (HOV) lane from the San Ramon Road/Foothill Road Interchange to the Greenville Road Overhead.
- Widen the inside and outside shoulders sufficiently to accommodate the HOV lane and allow for future conversion of the HOV lane to a high occupancy toll (HOT) lane.
- Widen existing bridge crossings over Tassajara Creek and Arroyo Las Positas Creek at various locations.
- Construct various westbound auxiliary lanes.

- Construct a westbound express bus ramp connection from the westbound HOV lane to the Dublin-Pleasanton BART Station. This scope is being eliminated as part of this baseline amendment.
- Construct soundwalls as identified by the environmental document.
- Upgrade the drainage system in the freeway median to accommodate the HOV lane.

Once completed, these improvements will reduce westbound peak-period congestion and traffic delays.

### **Eliminate the westbound express off-ramp to Dublin-Pleasanton BART Station**

As described above, the current project scope includes constructing an express westbound bus off-ramp from the westbound HOV lane to the Dublin-Pleasanton BART Station. This bus off-ramp was included in the original scope to fulfill the transit-related requirements of the Regional Measure 2 funds. During the preparation of the environmental document, however, both the BART and the Livermore Amador Valley Transit Authority opposed the inclusion of these improvements in the project scope on concerns relating to pedestrian safety in the vicinity of the BART Station. Therefore, the project report, approved in January 2010, excluded these off-ramp improvements from the project scope. Eliminating the express bus off-ramp from the project scope results in \$12,000,000 in savings. Since the off-ramp component was funded with Regional Measure 2 funds, these savings will go back to the Metropolitan Transportation Commission (MTC) to fund other qualifying future transit improvements within the corridor.

### **Add a westbound auxiliary lane at two locations: a) From Vasco Road to First Street, and b) From Airway Boulevard to Fallon Road**

The Vasco Road to First Street westbound auxiliary lanes project is currently being developed by the City of Livermore as a stand-alone project. This project is a part of the City of Livermore's Vasco Road Interchange improvements. The Alameda County Transportation Improvement Authority (ACTIA) is developing the Airway Boulevard to Fallon Road auxiliary lane project. The ACTIA and the ACCMA has already completed their agreement to make ACCMA the project sponsor for its auxiliary lane project. The City of Livermore is currently working on its cooperative agreement with the ACCMA to make ACCMA the project sponsor for its auxiliary lane project. The City of Livermore will contribute \$1,800,000 in local funds for its project. The ACTIA will also contribute \$2,686,000 in local funds towards the cost of its auxiliary lane project. Combining these two auxiliary lanes projects with the HOV lane project for construction will reduce throw-away costs such as roadway drainage improvements, signings, and erosion control measures and also avoid unnecessary disruption to the traveling public. The delivery of the combined project will not be impacted.

### **Update the project funding plan**

Based upon a recently updated project estimate, the Right of Way has decreased from \$3,000,000 to \$2,830,000. To reflect the above described changes to the project scope, the overall project estimate has been revised from \$145,400,000 to \$137,886,000, a net reduction of \$7,514,000. All of these changes involve local funds only.

**Split the project into three segments**

The overall project is proposed to be split into three segments.

Segment 1 (PPNO 0112B): In Alameda County in Livermore from Greenville Road to just east of Isabel Avenue. Construct a westbound HOV lane from the Greenville Overcrossing to Isabel Avenue Overcrossing. Widen the inside and outside shoulders sufficiently to accommodate the HOV lane and allow for future conversion to a HOT lane. Construct westbound auxiliary lanes from Vasco Road to First Street, from First to North Livermore Avenue, and from North Livermore Avenue to Isabel Avenue. Construct soundwalls as identified by the environmental document. Construct mitigation landscaping. Upgrade the freeway median drainage system in the freeway median to accommodate the HOV lane.

Segment 2 (PPNO 0112F): In Alameda County in Livermore from just east of Isabel Avenue to just west of San Ramon Road/Foothill Road Interchange. Construct a westbound HOV lane from Isabel Avenue Overcrossing to San Ramon Road/Foothill Road Interchange. Widen the inside and outside shoulders sufficiently to accommodate the HOV lane and allow for future conversion to a HOT lane. Widen existing bridge crossing over Tassajara Creek. Construct westbound auxiliary lanes from Airway Boulevard to Fallon Road. Construct soundwalls as identified by the environmental document. Construct mitigation landscaping. Upgrade the freeway median drainage system in the freeway median to accommodate the HOV lane.

Segment 3 (PPNO 0112G): In Alameda County in Livermore from just west of First Street Overcrossing to just west of Isabel Avenue Overcrossing. Widen existing bridge crossings over Arroyo Las Positas Creek in the eastbound direction (at two locations).

Splitting the overall project into three smaller contracts will facilitate more competitive bids and encourage small business participation. In addition, the delivery of Segment 3 (PPNO 0112G) will be combined with an existing CMIA project, Segment 3 of the I-580 Eastbound HOV Lane project (PPNO 0112E). Combining these contracts for construction will eliminate scheduling conflicts between two contractors working within the same project limits.

**Project Delivery**

All three segments will be delivered as per the approved baseline agreement. In addition, the project benefits remain unchanged.

The Metropolitan Transportation Commission concurs with the changes

**RESOLUTION CMIA-PA-0910-022**

Be it Resolved, that the California Transportation Commission does hereby amend the Corridor Mobility Improvement Account baseline agreement for the I-580 Westbound HOV Lane – Greenville to Foothill - project (PPNO 0112B) in accordance with the information described above and illustrated in the following tables.

**REVISED: I-580 Westbound HOV Lane – Greenville to Foothill (PPNO 0112B)**

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Alameda	4	0112B	29082	CO	2011-12	R8.3	R21.4	580					
Implementing Agency: (by component)	PA&ED	ACCMA					PS&E	ACCMA					
	R/W	ACCMA					CON	Department					
RTPA/CTC:	Metropolitan Transportation Commission												
Project Title:	I-580 Westbound HOV Lane - Greenville to Foothill												
Location	In Alameda County, from Greenville Road (Livermore) to Foothill Road (Dublin)												
Description:	Construct a westbound HOV lane.												
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>State Bond - Corridor Mobility Improvement Account (CMIA)</b>													
Existing	101,700					101,700			88,435				13,265
Change	0					0			0				0
Proposed	101,700					101,700			88,435				13,265
<b>Federal Demonstration (Demo) funds</b>													
Existing	9,600					9,600			9,600				
Change	0					0			0				
Proposed	9,600					9,600			9,600				
<b>Local Funds - Regional Measure 2</b>													
Existing	34,100	7,000	5,000	3,000		19,100		3,000	16,765	10,000	2,000		2,335
Change	(12,000)	0	(350)	(170)		(11,480)		(170)	(11,030)	0	(350)		(450)
Proposed	22,100	7,000	4,650	2,830		7,620		2,830	5,735	10,000	1,650		1,885
<b>Local Funds - City of Livermore</b>													
Existing	0			0		0			0	0	0		
Change	1,800			300		1,500			1,500	150	150		
Proposed	1,800			300		1,500			1,500	150	150		
<b>Local Funds - ACTIA Measure B</b>													
Existing	0			0		0			0	0	0		
Change	2,686			400		2,286			2,286	200	200		
Proposed	2,686			400		2,286			2,286	200	200		
<b>Total</b>													
Existing	145,400	7,000	5,000	3,000		130,400		3,000	114,800	10,000	2,000		15,600
Change	(7,514)	0	(350)	530		(7,694)		(170)	(7,244)	350	0		(450)
Proposed	137,886	7,000	4,650	3,530		122,706		2,830	107,556	10,350	2,000		15,150

The revised overall project is now split into three contracts as shown on the following pages.

**PPNO 0112B: I-580 Westbound HOV Lane – Greenville to Isabel (Segment 1)**

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Alameda	4	0112B	29086	CO	2011-12	R8.3	R14.6	580					
Implementing Agency: (by component)	PA&ED	ACCMA					PS&E	ACCMA					
	R/W	ACCMA					CON	Department					
RTPA/CTC:	Metropolitan Transportation Commission												
Project Title:	I-580 Westbound HOV Lane (Segment 1) - Greenville to Isabel												
Location	In Alameda County, from Greenville Road to Isabel Avenue in Livermore												
Description:	Construct a westbound HOV lane.												
<b>(DOLLARS IN THOUSANDS)</b>													
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
<b>State Bond - Corridor Mobility Improvement Account (CMIA)</b>													
Existing	101,700					101,700			88,435				13,265
Change	(52,364)					(52,364)			(45,614)				(6,750)
Proposed	<b>49,336</b>					<b>49,336</b>			<b>42,821</b>				<b>6,515</b>
<b>Federal Demonstration (Demo) funds</b>													
Existing	9,600					9,600			9,600				
Change	0					0			0				
Proposed	<b>9,600</b>					<b>9,600</b>			<b>9,600</b>				
<b>Local Funds - Regional Measure 2</b>													
Existing	22,100	7,000	4,650	2,830		7,620		2,830	5,735	10,000	1,650		1,885
Change	(9,700)	(3,500)	(2,300)	(1,760)		(2,140)		(1,760)	(1,900)	(5,000)	(800)		(240)
Proposed	<b>12,400</b>	<b>3,500</b>	<b>2,350</b>	<b>1,070</b>		<b>5,480</b>		<b>1,070</b>	<b>3,835</b>	<b>5,000</b>	<b>850</b>		<b>1,645</b>
<b>Local Funds - City of Livermore</b>													
Existing	1,800			300		1,500			1,500	150	150		
Change	0			0		0			0	0	0		
Proposed	<b>1,800</b>			<b>300</b>		<b>1,500</b>			<b>1,500</b>	<b>150</b>	<b>150</b>		
<b>Local Funds - ACTIA Measure B</b>													
Existing	2,686			400		2,286			2,286	200	200		
Change	(2,686)			(400)		(2,286)			(2,286)	(200)	(200)		
Proposed	<b>0</b>			<b>0</b>		<b>0</b>			<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total</b>													
Existing	137,886	7,000	4,650	3,530		122,706		2,830	107,556	10,350	2,000		15,150
Change	(64,750)	(3,500)	(2,300)	(2,160)		(56,790)		(1,760)	(49,800)	(5,200)	(1,000)		(6,990)
Proposed	<b>73,136</b>	<b>3,500</b>	<b>2,350</b>	<b>1,370</b>		<b>65,916</b>		<b>1,070</b>	<b>57,756</b>	<b>5,150</b>	<b>1,000</b>		<b>8,160</b>

**PPNO 0112F: I-580 Westbound HOV Lane – Isabel to Foothill (Segment 2)**

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Alameda	4	0112F	29087	CO	2011-12	R14.6	R21.4	580					
Implementing Agency: (by component)		PA&ED	ACCMA				PS&E	ACCMA					
		R/W	ACCMA				CON	Department					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		I-580 Westbound HOV Lane (Segment 2) - Isabel to Foothill											
Location		In Alameda County, from Isabel Avenue (city of Livermore) to Foothill (city of Dublin)											
Description:		Construct a westbound HOV lane.											
(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
<b>State Bond - Corridor Mobility Improvement Account (CMIA)</b>													
Existing	0					0		0				0	
Change	52,364					52,364		45,614				6,750	
Proposed	52,364					52,364		45,614				6,750	
<b>Local Funds - Regional Measure 2</b>													
Existing	0	0	0	0		0		0	0	0	0		
Change	7,340	3,220	2,160	1,760		200		1,760	200	4,650	730		
Proposed	7,340	3,220	2,160	1,760		200		1,760	200	4,650	730		
<b>Local Funds - ACTIA Measure B</b>													
Existing	0			0		0		0	0	0			
Change	2,686			400		2,286		2,286	200	200			
Proposed	2,686			400		2,286		2,286	200	200			
<b>Total</b>													
Existing	0	0	0	0		0		0	0	0	0	0	
Change	62,390	3,220	2,160	2,160		54,850		1,760	48,100	4,850	930	6,750	
Proposed	62,390	3,220	2,160	2,160		54,850		1,760	48,100	4,850	930	6,750	

**PPNO 0112G: I-580 Westbound HOV Lane – Widen Eastbound Bridge (at two locations) over Arroyo Las Positas Creek (Segment 3)**

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Alameda	4	0112G	29088	CO	2011-12	R10.2	R13.6	580					
Implementing Agency: (by component)		PA&ED	ACCMA				PS&E	ACCMA					
		R/W	ACCMA				CON	Department					
RTPA/CTC:		Metropolitan Transportation Commission											
Project Title:		I-580 Westbound HOV Lane (Segment 3) - Widen Eastbound Bridges at Tassajara and Arroyo Las Positas Creeks											
Location		In Alameda County, from First Street to Isabel											
Description:		Widen eastbound Arroyo Las Positas Bridges at two locations.											
(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
<b>Local Funds - Regional Measure 2</b>													
Existing	0		0			0		0	0	0		0	
Change	2,360		420			1,940		1,700	350	70		240	
Proposed	2,360		420			1,940		1,700	350	70		240	
<b>Total</b>													
Existing	0		0			0		0	0	0		0	
Change	2,360		420			1,940		1,700	350	70		240	
Proposed	2,360		420			1,940		1,700	350	70		240	