

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: May 28-29, 2008

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

From: CINDY McKIM
Chief Financial Officer

Prepared by: Ross Chittenden
Proposition 1B Program
Manager

Subject: **CMIA PROJECT BASELINE AMENDMENT**
RESOLUTION CMIA-PA-0708-011

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 Santa Cruz County Regional Transportation Commission, proposes the following CMIA project baseline agreement amendment to the Auxiliary Lane – Morrissey to Soquel Avenue Project (PPNO 6500) in Santa Cruz County, 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.

PROJECT INFORMATION:**Proposed Change:**

- 1) Delete the proposed Morrissey Ave interchange modifications and increase the width and length of the La Fonda Avenue Overcrossing.
- 2) Increase Environmental (PA&ED) from \$1,134,000 to \$1,900,000 (\$766,000 increase). Cost increase to be funded by State Transportation Improvement Program – Regional Improvement Program (STIP-RIP) (\$46,000) and Demo (\$720,000).
- 3) Decrease Plans, Specifications and Estimate (PS&E) from \$1,960,000 to \$1,261,000 (\$699,000 decrease). Savings to be realized by State Transportation Improvement Program – Regional Improvement Program (STIP-RIP) (\$84,000) and Demo (\$615,000).
- 4) Increase Right of Way Support from \$74,000 to \$205,000 (\$131,000 increase). Cost increase to be funded by increasing Demo (\$164,000) and decreasing State Transportation Improvement Program – Regional Improvement Program (STIP-RIP) (\$33,000).
- 5) Decrease Right of Way Capital from \$550,000 to \$352,000 (\$198,000 decrease). Cost decrease to be realized by increasing State Transportation Improvement Program – Regional Improvement Program (STIP-RIP) (\$71,000) and decreasing Demo (\$269,000).

Discussion:

- 1) During the initial stages of the Environmental (PA&ED) phase, the City of Santa Cruz requested that the proposed Morrissey Ave interchange modifications be deleted from the project scope due to community impacts and the temporary nature of the improvements, which would need to be reconstructed as part of a future Route 1 HOV lane project (Environmental (PA&ED) phase is currently funded by local funding and CMAQ). In addition, the anticipated safety benefits have already been achieved by a separate project.

The savings realized by deleting the proposed Morrissey Ave scope is offset by the following:

- The cost of widening and lengthening the La Fonda Avenue Overcrossing. The bridge widening will accommodate bicycles and pedestrians. The longer span will accommodate the future Route 1 HOV lane project.
 - The need for a temporary pedestrian overcrossing during the La Fonda Ave Overcrossing reconstruction. This was not identified in the scoping document, but is required to mitigate community impacts.
 - Drainage and stormwater improvement costs that were underestimated in the scoping document and baseline estimate.
 - Bridge unit costs that were underestimated in the scoping document and baseline estimate. Costs have increased from \$1,700 per square meter in the scoping document to \$2,808 per square meter today.
- 2) The Environmental (PA&ED) budget is proposed for increase to allow right of way needs to be determined early, and allow right of way acquisition to begin immediately upon approval of the Project Report and Environmental Document. This will minimize right of way schedule risk.

- 3) The Plans, Specifications and Estimate (PS&E) budget is proposed for decrease because the effort involved in identifying right of way needs will be accomplished during the Environmental (PA&ED) phase rather than the Plans, Specifications and Estimate (PS&E) phase.
- 4) The Right of Way Support budget is proposed for increase because of unforeseen utility coordination expenses.
- 5) The Right of Way Capital budget is proposed for decrease because some retaining walls have been moved inside the State's right of way.

Scope:

Delete the proposed Morrissey Ave interchange modifications and increase the width and length of the La Fonda Avenue Overcrossing.

Benefits:

No change. The proposed Morrissey Ave interchange modifications did not impact the CMIA performance measures (daily vehicle hours of delay and daily peak duration person-minutes saved). And because the project cost has not changed, the benefit-cost ratio has not changed.

Schedule:

No change.

Cost:

No net change. All cost increases are offset by savings in other components.

RESOLUTION:

Be it Resolved, that the California Transportation Commission does hereby amend the Corridor Mobility Improvement Account Program to reflect the changes proposed in the project baseline agreement amendment described below.



2008 Project Programming Request

(Project Information)

General Instructions

<input type="checkbox"/> New Project		<input checked="" type="checkbox"/> Amendment (Existing Project)		Date: 04/07/08	
Caltrans District		EA		PPNO	
5		OF6500		6500	
MPO ID		TCRP No.			
RTC28SC					
County	Route/Corridor	Project Sponsor/Lead Agency		MPO	Element
SCR	1	Caltrans		AMBAG	CO
Project Title					
Auxiliary lanes, Soquel Ave to Morrissey Blvd					
PM Bk	PM Ahd	Project Mgr/Contact		Phone	E-mail Address
14.8	16.1	Kim Shultz		(831)460-3208	kshultz@sccrtc.org
Location, Project Limits, Description, Scope of Work, Legislative Description					
.					
Component	Implementing Agency			AB 3090	Letter of No Prejudice
PA&ED	SCCRTC			<input type="checkbox"/>	<input type="checkbox"/>
PS&E	SCCRTC			<input type="checkbox"/>	<input type="checkbox"/>
Right of Way	Caltrans			<input type="checkbox"/>	<input type="checkbox"/>
Construction	Caltrans			<input type="checkbox"/>	<input type="checkbox"/>
Legislative Districts					
Assembly: 27			Senate: 11		
Congressional: 17					
Purpose and Need					
Most heavily traveled and congested segment of Hwy 1 in central coast. NOTE: first two phases to being implemented by SCCRTC with Caltrans oversight.					
Project Benefits					
Reduce delay: 796 hours; Daily peak duration person-minutes saved: 53,893 min. B/C ratio of 2.4					
Project Milestone					Date
Project Study Report Approved					04/07/06
Begin Environmental (PA&ED) Phase					04/01/07
Circulate Draft Environmental Document				Document Type ND/FONSI	07/01/08
Draft Project Report					07/01/08
End Environmental Phase (PA&ED Milestone)					06/01/09
Begin Design (PS&E) Phase					09/01/08
End Design Phase (Ready to List for Advertisement Milestone)					06/01/10
Begin Right of Way Phase					06/01/09
End Right of Way Phase (Right of Way Certification Milestone)					03/01/10
Begin Construction Phase (Contract Award Milestone)					09/01/10
End Construction Phase (Construction Contract Acceptance Milestone)					09/01/12
Begin Closeout Phase					10/01/12
End Closeout Phase (Closeout Report)					04/01/13



2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 04/07/08

County	CT District	PPNO	TCRP Project No.	EA
SCR	5	6500		0F6500
Project Title: Auxiliary lanes, Soquel Ave to Morrissey Blvd				

Existing Total Project Cost									Implementing Agency
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	
E&P (PA&ED)	1,134							1,134	SCCRTC
PS&E		1,960						1,960	SCCRTC
R/W SUP (CT)		74						74	
CON SUP (CT)			2,700					2,700	
R/W			550					550	Caltrans
CON			15,640					15,640	Caltrans
TOTAL	1,134	2,034	18,890					22,058	
Proposed Total Project Cost									
E&P (PA&ED)	1,900							1,900	
PS&E		1,261						1,261	
R/W SUP (CT)		205						205	
CON SUP (CT)			2,700					2,700	
R/W		352						352	
CON			15,640					15,640	
TOTAL	1,900	1,818	18,340					22,058	

Fund No. 1:	State Bond - Corridor Mobility Program (CMIA)								Program Code
	Existing Funding								20.XX.721.000
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	Funding Agency
E&P (PA&ED)									Caltrans
PS&E									
R/W SUP (CT)									
CON SUP (CT)			550					550	
R/W									
CON			15,640					15,640	
TOTAL			16,190					16,190	
Proposed Funding									Notes
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)			550					550	
R/W									
CON			15,640					15,640	
TOTAL			16,190					16,190	



2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 04/07/08

County	CT District	PPNO	TCRP Project No.	EA
SCR	5	6500		0F6500
Project Title: Auxiliary lanes, Soquel Ave to Morrissey Blvd				

Fund No. 2: RIP - State Cash (ST-CASH)									Program Code
Existing Funding									20.XX.075.600
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	Funding Agency
E&P (PA&ED)	100							100	Santa Cruz County Regional Trans \$100 PAED voted 02/14/08
PS&E		410						410	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL	100	410						510	
Proposed Funding									
E&P (PA&ED)	146							146	Phases to be implemented by RTC. To request additional \$46K for PA/ED in June. Add'l needed to match fed funds & complete additional design during PA/ED process.
PS&E		326						326	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL	146	326						472	

Fund No. 3: RIP - State Cash (ST-CASH)									Program Code
Existing Funding									20.XX.075.600
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz County Regional Trans
PS&E									
R/W SUP (CT)		74						74	
CON SUP (CT)			2,150					2,150	
R/W									
CON									
TOTAL		74	2,150					2,224	
Proposed Funding									
E&P (PA&ED)									Phases to be implemented by Caltrans
PS&E									
R/W SUP (CT)		41						41	
CON SUP (CT)			2,150					2,150	
R/W		71						71	
CON									
TOTAL		112	2,150					2,262	



2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 04/07/08

County	CT District	PPNO	TCRP Project No.	EA
SCR	5	6500		0F6500
Project Title: Auxiliary lanes, Soquel Ave to Morrissey Blvd				

Fund No. 4: Demo - Demonstration - TEA21 (DEMOT21)									Program Code
Existing Funding									20.30.010.680
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	Funding Agency
E&P (PA&ED)	800							800	
PS&E		1,550						1,550	
R/W SUP (CT)									
CON SUP (CT)									
R/W			550					550	
CON									
TOTAL	800	1,550	550					2,900	
Proposed Funding									Notes
E&P (PA&ED)	1,520							1,520	
PS&E		935						935	
R/W SUP (CT)		164						164	
CON SUP (CT)									
R/W		281						281	
CON									
TOTAL	1,520	1,380						2,900	

Fund No. 5: RSTP - STP Local (STPL)									Program Code
Existing Funding									20.XX.400.000
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	Funding Agency
E&P (PA&ED)	200							200	
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL	200							200	
Proposed Funding									Notes
E&P (PA&ED)									Funded by SCCRTC; these are the region's state exchange dollars (STPL State Exchange-aka RSTPX) not federal -- see below
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									



2008 Project Programming Request (Funding Information)

(dollars in thousands and escalated to the programmed year)

Date: 04/07/08

County	CT District	PPNO	TCRP Project No.	EA
SCR	5	6500		0F6500
Project Title: Auxiliary lanes, Soquel Ave to Morrissey Blvd				

Fund No. 6: Loc Funds - Local Transportation Funds (LTF)									Program Code
Existing Funding									LOCAL FUNDS
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	Funding Agency
E&P (PA&ED)	34							34	
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL	34							34	
Proposed Funding									Notes
E&P (PA&ED)	34							34	
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL	34							34	

Fund No. 7: Other State - STPL State Exchange									Program Code
Existing Funding									20.30.010.850
Component	Prior	08/09	09/10	10/11	11/12	12/13	13/14+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding									Notes
E&P (PA&ED)	200							200	State funds exchanged for RSTP thru the Local Assistance Optional Federal RSTP Apportionment Exchange Program. Approved by RTC 6/1/06.
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL	200							200	