

Memorandum

TAB 95

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: June 27-28, 2012

Reference No.: 2.1c.(2c)

REPLACEMENT ITEM

Action Item

From: NORMA ORTEGA
Chief Financial Officer

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Transportation Programming

Subject: **STATE ROUTE 99 PROJECT BASELINE AMENDMENT**
RESOLUTION R99-PA-1112-011

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) amend the State Route (SR) 99 Corridor Bond Program baseline agreement for the Avenue 12 Interchange project (PPNO 5346) in Madera County.

ISSUE:

The Department proposes to amend the SR 99 Corridor Bond Program baseline agreement for the Avenue 12 Interchange project in Madera County to increase Right of Way Capital from \$6,700,000 to \$20,000,000, increase Right of Way Support from \$500,000 to \$2,000,000, increase Construction Support from \$4,800,000 to \$6,800,000, decrease Construction Capital from \$50,000,000 to \$48,000,000, and revise the project limits.

BACKGROUND:

This project will reconstruct the Route 99/Avenue 12 Interchange in the city of Madera. The Department proposes to amend the project baseline agreement to reflect changes to the financial plan. The proposed amendment is consistent with the Commission's SR 99 Corridor Bond Program Guidelines, which require that cost changes be funded by identifying an appropriate other source; down-scoping the project, or if appropriate, down-scoping another project within the SR 99 Corridor Bond Program; or by deleting projects as necessary in keeping with the priorities set forth in the adopted guidelines. This amendment proposes to address cost variances by increasing the Regional Improvement Program funding for Right of Way Capital and Right of Way Support, and by increasing the SR 99 Corridor Bond Program funding for Construction Support. The SR 99 Corridor Bond Program funding will come from previously identified contract award savings on other SR 99 Corridor Bond Program projects.

Increase Right of Way Capital Cost

The Right of Way Capital estimate has increased by \$13,300,000, from \$6,700,000 to \$20,000,000. Detailed engineering has identified the need for full acquisition of three parcels that were originally anticipated to be partial acquisitions. The first parcel includes a gas station with mini mart, the second parcel includes a fast food restaurant, and the third parcel is a vacant commercial property. In order to provide sufficient vertical clearance over Route 99, the profile of Avenue 12 must be raised such that direct access to these businesses from Avenue 12 will be eliminated, thereby necessitating full acquisitions at an additional cost of \$7,100,000.

All 25 required parcels have current property appraisals, and nine parcels have been settled. The result of the appraisals and settlements to date is an increase of \$3,700,000.

In addition, potholing has revealed the need for additional utility relocations totaling \$2,500,000. It is proposed to fund the Right of Way Capital cost increases from Madera County's Regional Improvement Program (RIP) shares as shown in the concurrent allocation request.

Increase Right of Way Support Cost

The Right of Way Support estimate has increased by \$1,500,000, from \$500,000 to \$2,000,000, as a result of the changes described above. It is proposed to fund this cost increase from Madera County's Regional Improvement Program (RIP) shares as shown in the concurrent allocation request.

Increase Construction Support Cost

The Construction Support estimate has increased by \$2,000,000, from \$4,800,000 to \$6,800,000. To reduce the impact of the Right of Way Capital cost increase described above, the Department decided to minimize the amount of right of way required elsewhere on the project. By constructing the new Avenue 12 bridge in the same location as the existing bridge, the Department was able to reduce the amount of right of way required and reduce the Construction Capital estimate, for a total savings of more than \$4,000,000. However, in order to construct the new bridge within the existing bridge location, the new bridge will be constructed in two stages, which will extend the length of the construction contract from two construction seasons to three construction seasons. The Department developed a detailed workplan which identifies the additional construction support workload in consideration of this change in construction strategy. It is proposed to fund this cost increase from the Construction Capital cost decrease described below.

Decrease Construction Capital Cost

The Construction Capital estimate has decreased by \$2,000,000, from \$50,000,000 to \$48,000,000. The decrease results from the design changes described above, as well as lower unit prices which are consistent with today's bidding environment, particularly for roadway excavation, asphalt concrete, concrete items, and mobilization. In addition, now that design is complete, the bid quantities are known and some are lower than at the inception of the SR 99 Corridor Bond Program. The updated cost is based on a new certified engineer's estimate.

Revise Project Limits

The off-ramp merge and on-ramp diverge locations were revised during final design, which required a change in postmile limits. The beginning postmile has changed from R7.1 to R6.9, and the ending postmile has changed from R7.9 to R8.2. The revised project location is “from 0.6 mile south of Avenue 12 to 0.7 mile north of Avenue 12”. The project scope has not changed.

The changes proposed above are reflected in the following table.

REVISE:

Avenue 12 Interchange Project (PPNO 5346)

County	District	PPNO	EA	Element	Const. Year	PM Back	PM Ahead	Route/Corridor					
Madera	6	5346	47100	CO	2011-12	R7.1 R6.9	R7.9 R8.2	99					
Implementing Agency: (by component)		PA&ED	Caltrans			PS&E	Caltrans						
		R/W	Caltrans			CON	Caltrans						
RTPA/CTC:		Madera County Transportation Commission											
Project Title:		Avenue 12 Interchange											
Location		In Madera, from 0.2 0.6 mile south of Avenue 12 to 0.3 0.7 mile north of Avenue 12.											
Description:		Reconstruct interchange.											
(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
RIP													
Existing	8,023	8,023					2,023		2,000	4,000	0		
Change	14,800	14,800					13,300				1,500		
Proposed	22,823	22,823					15,323		2,000	4,000	1,500		
State Bond (SR 99)													
Existing	48,400			48,400				43,600				4,800	
Change	0							(2,000)				2,000	
Proposed	48,400			48,400				41,600				6,800	
Local Funds (Madera County)													
Existing	3,920			3,920				3,920					
Change	0												
Proposed	3,920			3,920				3,920					
Local Funds (Madera County Measure)													
Existing	7,657	5,177		2,480			4,677	2,480			500		
Change	0												
Proposed	7,657	5,177		2,480			4,677	2,480			500		
Total													
Existing	68,000	13,200		54,800			6,700	50,000	2,000	4,000	500	4,800	
Change	14,800	14,800		0			13,300	(2,000)	0	0	1,500	2,000	
Proposed	82,800	28,000		54,800			20,000	48,000	2,000	4,000	2,000	6,800	

RESOLUTION R99-PA-1112-011:

Be it Resolved, that the California Transportation Commission does hereby amend the State Route 99 Corridor Bond Program baseline agreement for the Avenue 12 Interchange project (PPNO 5346) with the information described above.