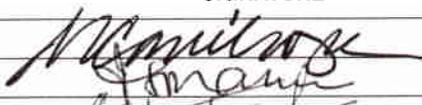
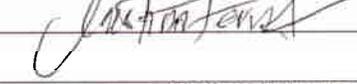
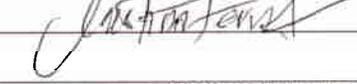


COST ESTIMATE CERTIFICATION CHECKLIST

DIST-UNIT-CO RTE-PM	04-266-CC 24-R0.1/R8.3
DIST-EA	04-269601
PROJECT DESCRIPTION	ROADWAY REHABILITATION
PROGRAM	HA22 MAJOR PROGRAM
CURRENT PROGRAMMED FUNDS	\$36,484,000

PROJECT ROLE	PRINTED NAME	SIGNATURE
Project Engineer (QC)	MANUEL CANILAO, JR	
Design Senior (QA)	JASWINDER MANN	
Project Manager (QA)	CRISTINA FERRAZ	

DATE	WBS	PROJECT DELIVERABLE	COST ESTIMATE *
10/26/01	150	PID (Program \$)	\$30,085,068 **
10/26/01	180	PA&ED	\$30,085,068 **
01/30/06	255	PS&E	\$46,024,000

		Briefly provide details below
Quality Control	Assumptions <i>How did assumptions about location (e.g., terrain, distance to construction site, etc.), relative availability of materials, weather conditions, etc. influence the cost estimate? What other elements influenced the estimate?</i>	The location of the project is in Cities of Orinda and Lafayette. Construction materials are relatively close to construction site. The project has 400 working days. No special provision is added to the price of the contract. The rising price of crude oil, steel, and concrete may influence the engineer's estimates, but the BEES have been adjusted to current market trends.
	Source of Unit Prices <i>What factors were considered to determine unit prices of major items?</i>	Design used the Caltrans 2004 Contract Cost Data as a base for determining the estimate as well as recent bid data submitted by contractor for other projects (EA 2261V4, EA 263704), within District 4, to generate project estimates. District Design has updated unit prices in January 2006. Unit prices for the following items have been adjusted: Asphalt Concrete – \$95/TONNE Replace Concrete Pavement – \$900/M3 Minor Concrete (Curb) – \$560/M3
	Risk Management Plan <i>List factors considered, whether factors mitigated or not, conclusions arrived at, and completion date of the plan.</i>	Design has followed the 2004 RTL Guide to estimate some of the standard items in the BEES; e.g., Time-Related Overhead, Mobilization, RE Office, and Compensation for Price Fluctuation of AC, etc. Risk Management Plan was prepared in June of 2005.
	Escalation Factors Used <i>Explain forecasted variables and assumptions you used.</i>	No escalation factor was used due to the stability of price on crude oil.
	Contingencies <i>Is 5% contingency adequate to address each risk factor? If not, why not? How much more is needed?</i>	Standard 5% contingency is used at this time in the BEES. BEES have been updated recently.
	DES Structures Verification of Estimate and Quantities <i>List date of Verification.</i>	Memo dated 11/01/05 and revised memo dated 1/05/06.
Quality Assurance	Constructability Review <i>What is the assumed construction method and what risks are associated with that method?</i>	Standard construction method will be used by the contractor. There were two constructability reviews done for this project. The last one was performed on 01/24/06.
	DOE Review <i>List completion date and conclusions of the review.</i>	Shew Jung, DOE Reviewer, completed reviewing the PS&E on 1/27/2006 and concurred with the submittal.
	Value Analysis Performed <i>List completion date and conclusions of the study.</i>	None.
	DES Structural Liaison Review <i>List date and conclusions of Review.(name of the reviewer)</i>	Jack Young, Branch Chief of DES-OE Estimating Branch, has reviewed the Structures cost estimate. The estimate has been updated to current market trend.
Status	Independent Estimate Performed <i>List completion date and variance, if any, from Caltrans estimate.</i>	None.
	Variance from Programmed Funds (%) Next cost estimate update <i>List projected date (three weeks before CTC vote).</i>	26.15% over. Over 20%, PCR is required. June 1, 2006.

* This cost estimate represents the Engineer's Capital Cost Estimate done during these phases of the project.
 ** PSSR and CE were done concurrently.