

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
ACTION AGENDA SUMMARY

DEPT: Public Works *MM*

BOARD AGENDA # \*C-1

Urgent  Routine

AGENDA DATE September 15, 2009

CEO Concurs with Recommendation YES  NO   
(Information Attached)

4/5 Vote Required YES  NO

SUBJECT:

Approval of Amendment No. 1 to the Professional Design Services Agreement with Rajappan & Meyer Consulting Engineers, to Perform Additional Engineering and Environmental Studies as Part of the Project Approval and Environmental Document (PA&ED) Phase of the Kiernan Avenue Interchange Project

STAFF RECOMMENDATIONS:

1. Approve Amendment No. 1 to the Professional Design Services Agreement with Rajappan & Meyer Consulting Engineers to perform additional engineering and environmental studies for the PA&ED phase of the Kiernan Avenue interchange project.
2. Authorize the Director of Public Works to execute the amendment.
3. Direct the Auditor-Controller to increase appropriations and estimated revenue for the Kiernan Avenue interchange project per the financial transaction sheet.

FISCAL IMPACT:

The contract for the PA&ED phase of work for the Highway 99 at Kiernan Avenue interchange project is being funded with the voluntary regional transportation contribution received from Kaiser Permanente in 2004. These funds were provided by Kaiser Permanente to mitigate traffic impacts in the Salida area. The original agreement cost of the services for the PA&ED phase of the Kiernan Avenue interchange project was \$998,800. At this time, an additional \$50,000 is needed to perform additional engineering and environmental studies; bringing the total contract amount to \$1,048,800.

(Continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2009-631

On motion of Supervisor Grover, Seconded by Supervisor Monteith  
and approved by the following vote,  
Ayes: Supervisors: O'Brien, Chiesa, Grover, Monteith, and Chairman DeMartini  
Noes: Supervisors: None  
Excused or Absent: Supervisors: None  
Abstaining: Supervisor: None

- 1) X Approved as recommended
- 2) \_\_\_\_\_ Denied
- 3) \_\_\_\_\_ Approved as amended
- 4) \_\_\_\_\_ Other:

MOTION:

*Christine Ferraro*

ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval of Amendment No. 1 to the Professional Design Services Agreement with Rajappan & Meyer Consulting Engineers, to Perform Additional Engineering and Environmental Studies as Part of the Project Approval and Environmental Document (PA&ED) Phase of the Kiernan Avenue Interchange Project

FISCAL IMPACT (continued):

Costs associated to assure the engineering and environmental services for this project in the amount of \$1,048,800 (\$998,800 original agreement, \$50,000 Amendment No. 1) are available from the original Kaiser Permanente voluntary regional transportation contribution, and a transfer of the remaining funds from the Public Works Hammett/Kiernan Interchanges Project Study Report (PSR) fund. Funding for the study of these two interchanges was received in 2003 from private development interests. The Project Study Report was completed and an agreement with Rajappan & Meyer Consulting Engineers for the PA&ED phase was entered into in February 2009. During the course of the PA&ED, it was determined that additional PSR information was needed. This work can be added to the existing agreement. The transfer of the remaining funds, approximately \$57,000 from the Public Works Hammett/Kiernan PSR phase will offset the additional cost of Amendment No.1. Furthermore, this transfer will close out the Public Works Hammett/Kiernan PSR fund.

DISCUSSION:

Stanislaus County, in cooperation with Caltrans District 10, proposes to reconstruct the Highway 99 at Kiernan Avenue interchange in the community of Salida. This project will help to alleviate traffic congestion and improve operations at this interchange. The area has experienced increased growth, which has yielded higher traffic volumes on the existing facilities. Additional growth and increased traffic volumes are also anticipated with future improvements to the economy. Two build alternatives and the no-build alternative are proposed for further consideration at this interchange. The two build alternatives for the Highway 99 at Kiernan Avenue interchange range in cost from \$40 to \$70 million (in today's dollars) for construction and right-of-way. The project is proposed for funding by the Stanislaus County Public Facilities Fees, Salida Community Plan fees and State Transportation Improvement Program funds.

The proposed interchange improvements include reconstruction of the existing interchange to provide improved operations for turning movements to and from State Route (SR) 99, as well as associated local road improvements at adjacent intersections.

The interchange is located in the north part of Stanislaus County and on the northern edge of the City of Modesto, providing access to commercial and residential properties in the community of Salida.

Stanislaus County Public Works has now completed the planning phase of this project and has produced a Project Study Report (PSR), which was funded with contributions from developers in conjunction with the Salida Community Plan.

Approval of Amendment No. 1 to the Professional Services Agreement with Rajappan & Meyer Consulting Engineers, to Perform Additional Engineering and Environmental Studies as Part of the Project Approval and Environmental Document (PA&ED) Phase of the Kiernan Avenue Interchange Project

An agreement with Rajappan & Meyer Consulting Engineers for the PA&ED phase was entered into in February 2009 and is scheduled for completion in the summer of 2010. During the course of the PA&ED process, it was determined that additional PSR information was needed. The additional work will be added to the existing PA&ED agreement. The additional engineering and environmental studies to be performed under Amendment No. 1 include additional traffic operation analysis, additional right-of-way and utility relocation studies, revisions to the Preliminary Environmental Analysis Report (PEAR), revised construction cost estimates, and additions to the Storm Water Data Report.

Upon completion of the PA&ED phase, it will be recommended that the project be approved for the commencement of the Plans, Specifications and Estimate (PS&E) phase.

**POLICY ISSUE:**

The Board should consider if the recommended actions are consistent with its priorities of providing a safe community, a healthy community and a well-planned infrastructure system.

**STAFFING IMPACTS:**

There is no staffing impact associated with this item.

**AUDITOR-CONTROLLER  
BUDGET JOURNAL**



Balance Type	Budget
Category	Budget - Upload
Source	
Currency	USD
Budget Name	LEGAL BUDGET
Batch Name	
Journal Name	PW DKH
Journal description	Transfer of Hammet/Kiernan PSR funds to PW Kiernan PA&ED Project
Period	Sep-09
Organization	Stanislaus Budget Org

Line	Coding Structure						Debit		Credit		Description
	Fund 4	Org 7	Account 5	G/L Proj 7	Loc 6	Misc 6	incr appropriations decr est revenue	decr appropriations incr est revenue			
1	1795	25510	85850	0	0	0	60,000.00			Increase trans out	
2	1102	40310	46600	9207	0	0		60,000.00		Increase trans in	
3											
4	1102	40310	63280	9207	0	0	50,000.00			Increase appropriations	
5	1102	40310	63280	0	0	0		50,000.00		Decrease approp	
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
Totals							110,000.00	110,000.00			

Explanation: Transfer of Hammet/Kiernan PSR funds to PW Kiernan PA&ED Project  
Increase budget for PW Kiernan PA&ED project

<b>Requesting Department</b>		<b>CEO</b>		<b>Auditors Office Only</b>	
Diane Haugh					
Signature		Signature		Prepared By	Admin Approval (\$75K+)
9/1/09		09/1/09		9/1/09	
Date		Date		Date	

Diane Haugh 5-7534  
Contact Person & Phone Number

STANISLAUS COUNTY

Amendment No. 1  
to Professional Design Services Agreement  
for the PA&ED Phase of the  
Highway 99 & Kiernan Avenue Interchange Project

This Amendment is made and entered into this day, September 15, 2009, in the City of Modesto, State of California, by and between the COUNTY OF STANISLAUS ("COUNTY") and RAJAPPAN & MEYER CONSULTING ENGINEERS, INC., ("CONSULTANT"), for and in consideration of the promises, and the mutual promises, covenants, terms, and conditions, hereinafter contained.

The Professional Design Services Agreement approved by the Stanislaus County Board of Supervisors on January 27, 2009, is amended to revise the Scope of Work due to additional engineering and environmental studies, per Attachment "A" dated July 8, 2009.


COMPENSATION: The parties hereto acknowledge the maximum amount to be paid by the County for services provided shall not exceed \$1,048,800.

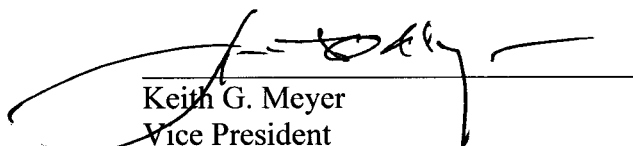
Original Agreement	\$ 998,000
Amendment No. 1	<u>50,000</u>
	\$1,048,800

In witness whereof, the parties have executed this Amendment effective on the date written above.

**COUNTY OF STANISLAUS**

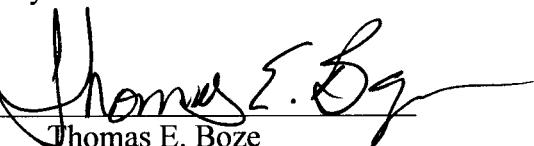
**RAJAPPAN AND MEYER  
CONSULTING ENGINEERS, INC.**

By:   
Matt Machado, Director  
Department of Public Works

  
Keith G. Meyer  
Vice President

**APPROVED AS TO FORM**

John P. Doering,  
County Counsel

By:   
Thomas E. Boze  
Deputy County Counsel

**Attachment A**  
**Route 99 at Kiernan Avenue Interchange**  
**Amendment 1 Scope of Work**

Components of the Kiernan Interchange Project Study Report require additional study and modification to accommodate revised Traffic Forecasts and additional work requested by Caltrans on technical reports. This amendment covers work necessary to complete and gain approval of the Project Study Report. The following scope of work shall be conducted for this amendment.

**Traffic Operations Analysis.**

Traffic operations analysis reports for each interchange will be updated with additional analysis required by Caltrans at each including:

- a. Railroad crossing simulation and analysis. (Kiernan)
- b. Ramp metering storage revisions and analysis
- c. Additional alternatives required at Kiernan interchange
- d. Additional Synchro run revisions to address Caltrans comments

**Revised Right of Way Data Sheets.**

Based on new requirements from Caltrans, a certified right of way specialist shall be retained to prepare the right of way data sheets. In addition, additional utility research will be made to confirm utility relocation costs.

**Revised Cost Estimates.**

R&M shall prepare updated construction cost estimates in 2009 dollars according to the "Preliminary Project Cost Estimate Summary" sheets as described in the latest CALTRANS Project Development Procedures Manual. This revision shall incorporate the most recent unit price data available from Caltrans.

**Revised PEAR.**

LSA Associates, under subcontract to R&M, shall prepare a revised Preliminary Environmental Analysis Report (PEAR) for the Kiernan interchange that include an expanded area to Dale Road, and revisions to new Paleo requirements at each location.

**Revised Storm Water Data Report.**

Additional survey information is required from survey consultants to locate drainage facilities. R&M shall revise the Storm Water Data Report for the Kiernan Interchange in compliance with latest version of Caltrans' "Storm Water Quality Handbooks," revised since September 2002 to 2007.

**Visual Assessment.**

Visual Assessment photosimulations shall be prepared for the public display and PEAR document.