



Item #09-8-11  
Consent

## SACOG Board of Directors

August 12, 2009

### Adopt Second Revision to the Fiscal Year 2009-10 Overall Work Program

**Issue:** To review the second amendment to the fiscal year 2009-10 Overall Work Program.

**Recommendation:** Accept the recommendation of the Government Relations & Public Affairs Committee that the Board approve and adopt the second amendment to the Overall Work Program.

**Committee Action/Discussion:** This amendment to the Overall Work Program is to add the Strategic Highway Research Program (SHRP 2) project, Partnership to Develop an Integrated, Advanced Travel Demand Model and a Fine-Grained, Time-Sensitive Network. It adds budget for the staff time necessary to work on the project and some meeting costs. While the project tasks are still in development, it probably will require hiring a limited-term Assistant Research Analyst, which would be totally paid for with this grant funding; however, we will keep the Board informed should that happen. No matching funds are required.

SACOG has been notified by Caltrans of additional FHWA PL and FTA 5303 funds available, \$111,062 and \$133,769 respectively, because of the final close out of prior year allocations. We will use \$75,300 of these FHWA PL funds for the Center for Continuing Study of the California Economy (CCSCE, Stephen Levy) contract. The project already has adequate local funding to match the increase in federal funds so no other change needs to be made. Staff is not adding the full amount of the additional FHWA PL and FTA 5303 funds at this time, but will come to the Board with future OWP amendments to allocate the funds for unexpected project needs throughout the fiscal year.

Approved by:

Mike McKeever  
Executive Director

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Attachments

Key Staff: Karen Wilcox, Director of Finance, (916) 340-3210

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### 3. REGIONAL FORECASTING

*Project # 10-002-03*

(State and Federal Requirements)

SACOG uses regional growth projections (population, housing, and employment) and travel forecasts and vehicle emissions forecasts for the MTP, the MTIP, and other corridor and sub-area plans. Technical assistance with using the SACOG data and the forecasting tools is provided to partner organizations. These programs provide assistance either on an as-needed basis or through periodic technical committee meetings and training sessions.

Work this year will focus on two major projects. First, staff will calibrate and validate SACSIM and I-PLACE<sup>3S</sup> to replicate the best observed land and transportation data available through the inventories on housing, employment, and transportation networks done in FY 2008-09. Second, a consultant, with SACOG staff assistance, will update the employment, population, and housing forecasts to 2050 in preparation of the next MTP update.

Training and orientation meetings for the regional modeling community will be held for the new activity-based model. Support for MTP implementation studies will be defined as these projects are more closely defined.

Special tabulations, reports, or analyses requested by member agencies, based on completed regional forecasts, will be prepared.

This work will be performed by SACOG staff and consultant.

Tasks and ***End Products***:

- a. Travel model assistance to partner organizations (As needed or requested)
- b. Forecasting datasets or special tabulations or analyses (As needed or requested)
- c. ***Regional employment, population, and housing projections to 2050 (March 2010)***

## 10. MODEL DEVELOPMENT - FINE-GRAINED NETWORKS

Project # 10-002-10

(Board Policy)

This project is funded by the Strategic Highway Research Program (SHRP 2) Project C10, "Partnership to Develop an Integrated, Advanced Travel Demand Model and a Fine-Grained, Time-Sensitive Network". This year includes the first 10 months of a 30-month, \$2.6 million project to develop and test the latest improvements in advanced regional travel models. The project will make improvements to the SACSIM travel model.

This project will develop a more detailed data and analytical system to represent the complexities of the transportation system, in order to incorporate the DynusT simulation and assignment model into SACSIM. These improvements were already in SACOG's model development program and this project provides us an opportunity to move forward. The project team includes Cambridge Systematics, Fehr & Peers, University of Arizona, University of Illinois at Chicago, and Sonoma Technologies.

This work will be performed by SACOG staff.

### Tasks and *End Products*:

- a. Describe approach to develop dynamic integrated model
- b. Develop and describe system architecture
- c. Assemble data and build model network
- d. Build integrated model and test on small-scale network
- e. Prepare model and test data sets for dissemination
- f. Communications strategy