



SACOG Board of Directors

September 10, 2008

Authorize Revision of Overall Work Program for Fiscal Year 2008-09.

Issue: Whether to approve the first revision of the Overall Work Program for fiscal year 2008-09.

Recommendation: Because there was no quorum, the Government Relations & Public Affairs Committee did not take an official vote, but it was the consensus of those attending that they recommend that the Board approve the first revision to the Overall Work Program for fiscal year 2008-09.

Committee Action/Discussion: This is the annual first revision to the Overall Work Program (OWP) for this fiscal year. Each year in September after staff has closed the books on the grants and done the final invoicing, the exact remaining balances are added or revised in the current year OWP. Also included are other revisions for new grants or other funding that has become available since the budget was adopted and any other needed budget adjustments.

This OWP revision also includes a revision to the direct salaries and benefits for a Cost of Living Adjustment that was greater than budgeted. The memorandum of understanding with the Employees Association negotiated an annual COLA adjustment based on the June to June Consumer Price Index for all urban consumers in California. This year's CPI was 5%; however, we had budgeted for a 3.5% increase. We have also included the minor adjustments for the change in cost of benefits that have become known since the budget was adopted. This increase in direct salaries and benefits and indirect costs (a calculation driven by direct salaries and benefits) is \$621,801. The attached detail sheets do not include identifying each individual project change.

Also included with this revision is an increase in the Rural-Urban Connections Strategy (RUCS) budget to add funding for the contracts that were approved at the May Board meeting for continue work by Stacey McKinley, Valley Vision, U.C. Berkeley, traffic count data, crop inventory data, and improvements to the I-PLAC³S software, as well as some anticipated costs for the tours and printing needs. We are also including funding for the GRIP software to track climate changes. These are all funded with the Boxer earmark and the local match.

This revision also adds two new elements, one for grants which are passed through to other agencies (09-008), and one for other funding for projects which are required to be in SACOG's OWP, however, are not projects over which SACOG has control or authority (09-009).

Attached is a spreadsheet that identifies each element and project which has changed along with a detailed explanation for the change.

Approved by:

Mike McKeever
Executive Director

MM:KLW:ts
Attachments

Key Staff: Karen L. Wilcox, Director of Finance, (916) 340-6210

FY 2008-09 OVERALL WORK PROGRAM DIRECT SERVICES PROJECT REVENUE ESTIMATES

Original		TOTAL BUDGET	FHWA PL	FTA 5303	FTA 5304	Planning/ Programming/ Monitoring	STIP	CMAQ	RSTP	Sen. Boxer Earmark	Regional Blueprint Planning	IN-KIND MATCH FROM OTHERS	Current Year Local Revenue	OTHER FUNDING
ACCT NO	ELEMENT													
09-001	Government Relations, Public Affairs, & Administration	1,566,600	675,000	150,000	0	0	0	0	0	0	0	0	741,600	0
01	Interagency Relations	260,351	175,000	50,000									35,351	
02	Program Management	432,600											432,600	
03	Multi-Agency Planning & Coordination	376,045	250,000	25,000									101,045	
04	Legislative Analysis	91,900											91,900	
05	Education, Outreach, & Marketing	405,704	250,000	75,000									80,704	
09-002	Long Range Transportation Planning:	1,774,377	624,000	131,442	265,590	0	0	100,000	0	100,000	120,000	0	418,345	15,000
01	Model Development	636,798	150,000	85,442						100,000	80,000		221,356	
02	Pedestrian and Bicycle Planning	174,405						100,000					59,405	15,000 EDCTC Contribution
03	Regional Forecasting	284,332	250,000	30,000									4,332	
04	Highway Planning	182,037	125,000										57,037	
05	Human Services Transit Coordination	54,352	30,000	10,000									14,352	
06	Goods Movement / Freight Planning	100,603	44,000								40,000		16,603	
07	Long Range Transit Plan	300,883			265,590								35,293	
08	NEPA/CEQA Linkages	32,439	25,000										7,439	
09	Transit Emergency and Safety Planning Coordination	8,528		6,000									2,528	
09-003	Short Range Transportation Planning & Studies:	589,890	30,000	12,000	200,000	0	28,131	0	0	0	80,000	0	104,410	135,349
01	Cal Traction Preservation & Purchase Study Plan	31,776					28,131						3,645	
02	Intelligent Transportation Systems Planning	68,876												68,876 FHWA Earmark \$34,438; CVRSAFE \$34,438
03	Complete Streets	148,516	30,000								80,000		38,516	
04	Sacramento Regional Transit District Transit Planning	15,702		12,000									3,702	
05	Downtown Sacramento Transit Circulation & Facilities Plan	250,000			200,000								50,000	
06	Agricultural Worker Transportation Program	75,020											8,547	66,473 Caltrans grant thru Public Transp. Acct.
09-004	Continuing Transportation Implementation	6,152,647	351,276	179,558	0	469,555	537,000	3,451,000	202,000	240,000	0	0	562,757	159,501
01	Regional Air Quality Planning	103,349	88,000										15,349	
02	Federal and State Programming	488,021		15,000		196,000			202,000				75,021	
03	Regional Transportation Monitoring	239,432	163,533	40,000									35,899	
04	Metropolitan Transportation Plan Implementation	457,208	84,743	64,558		273,555							34,352	
05	Passenger Rail Improvements	35,417	15,000	10,000									10,417	
06	Universal Transit Fare Card Implementation	3,988,000					537,000	3,451,000						
07	Paratransit, Inc. Monitoring & Evaluation	140,809												140,809 4-Party Agreement
08	Transit Technical Assistance and Programming	89,692		50,000									21,000	18,692 JARC/New Freedom Admin Fee
09	Climate Change / Greenhouse Gas Reduction	610,719							240,000				370,719	
09-005	Land Use and Housing Planning	3,983,020	620,449	110,000	0	0	0	0	0	1,486,965	160,000	134,241	1,158,050	313,315
01	Sacramento Region Blueprint Implementation	460,495	350,000	50,000									60,495	
02	Regional Land Use Monitoring	428,436	122,833	25,000									280,603	
03	McClellan ALUCP	65,330											43,390	21,940 Sacramento County Airport System
04	Yuba County ALUCP	300,000											8,625	291,375 Yuba County
05	Airport Land Use Commission	28,692											28,692	
06	Community Design Program	85,247											85,247	
07	Interagency Monitoring Database & Mapping System	0											0	
08	Flood Coordination Strategy	9,273											9,273	
09	Rural-Urban Connections Strategy	1,934,341	147,616	35,000					950,000	160,000			641,725	
10	Civic Engagement Grants	671,206							536,965			134,241		
09-006	Public Services	7,231,821	0	0	0	0	77,912	6,001,408	0	0	0	595,000	29,705	527,796
01	Rideshare	1,906,352						1,771,408				75,000	14,944	45,000 HOV Fines
02	511/STARNET Operations	410,490												410,490 CVRSAFE
03	511 Automated Transit Trip Planning	225,912					25,912	200,000						
04	Multilingual Transit & Comm. Enhancement-SACOG 511	80,340											8,034	72,306 Caltrans Environmental Justice grant
05	SECAT Program	4,526,727						4,000,000				520,000	6,727	
06	Regional Transit Mobility Training	82,000					52,000	30,000						
09-007	Member & Agency Services	3,739,582	95,446	57,150	0	164,660	0	0	1,959,185	8,750	0	0	854,808	599,583
01	Project Delivery	403,635	4,000			164,660			200,000				34,975	
02	Regional Information Center	378,359	91,446	57,150									229,763	
03	Transportation Development Act Administration	524,751											524,751	
04	Sacramento County Transit Assistance	57,066												57,066 County of Sacramento
05	Support for Geographic Information Systems Collaborative	31,297							8,750				22,547	
06	Multi-agency Project Study Reports	299,334							265,000				34,334	
08	511/ STARNET Capital Improvements	1,738,427							1,260,000					478,427 FHWA Earmark - \$125,950 CVRS - \$237,477; Caltrans \$115,000
11	Emergency Preparedness, Business Continuity & Travel Option	42,191											8,438	33,753 Caltrans grant - FHWA Partnership Plan.
13	Elk Grove-Rancho Cordova-El Dorado County Connector	264,522						234,185					30,337	JPA Matching Contributions
09-008	Pass-Through to Other Agencies	164,321	0	0	77,907	0	0	0	0	0	0	25,357	0	61,057
01	Bikeway and Transit Network Study (UCDavis)	76,321											15,264	61,057 Caltrans CBTP grant
02	Unitrans ITS Needs Analysis/Project Development	75,000			66,398								8,602	
03	YCTD Leadership American Public Transit Association	13,000			11,509								1,491	
09-009	Miscellaneous Other Funding	8,913,592	0	0	0	0	0	0	0	0	0	0	0	8,913,592
01	Unitrans CNG Fueling Facility Study	20,000												20,000 FTA/Unitrans
02	Unitrans Master Plan for Memorial Union Terminal	30,000												30,000 FTA/Unitrans
03	Unitrans Parking Lot Study for Downtown Davis	200,000												200,000 FTA/Unitrans
04	SRTD Downtown-Natomas-Airport Rail Project	8,663,592												8,663,592 FTA/Sac Regional Transit District
TOTAL REVENUE		34,115,850	2,396,171	640,150	543,497	634,215	643,043	9,552,408	2,161,185	1,835,715	360,000	754,598	3,869,675	10,725,193

FY 2008-09 OVERALL WORK PROGRAM DIRECT SERVICES PROJECT EXPENDITURE ESTIMATES

Original	TOTAL BUDGET	Salaries & Benefits	Indirect Services	Consultants	Printing	Meetings	Pass-Through	Supplies/Data	Equipment/Software	Marketing/Advertising
ACCT NO	ELEMENT		55.22%							
09-001	Government Relations, Public Affairs, & Administration	1,566,600	892,346	492,754	0	110,000	56,500	0	0	15,000
01	Interagency Relations	260,351	167,086	92,265			1,000			
02	Program Management	432,600	278,379	153,721			500			
03	Multi-Agency Planning & Coordination	376,045	177,841	98,204	50,000	50,000				
04	Legislative Analysis	91,900	59,206	32,694						
05	Education, Outreach, & Marketing	405,704	209,834	115,870	60,000	5,000				15,000
09-002	Long Range Transportation Planning:	1,774,377	716,173	395,470	647,834	4,700	10,200	0	0	0
01	Model Development	636,798	190,319	105,094	335,385		6,000			
02	Pedestrian and Bicycle Planning	174,405	72,912	40,262	58,831	1,200	1,200			
03	Regional Forecasting	284,332	183,180	101,152						
04	Highway Planning	182,037	117,277	64,760						
05	Human Services Transit Coordination	54,352	35,016	19,336						
06	Goods Movement / Freight Planning	100,603	61,592	34,011		2,500	2,500			
07	Long Range Transit Plan	300,883	29,484	16,281	253,618	1,000	500			
08	NEPA/CEQA Linkages	32,439	20,899	11,540						
09	Transit Emergency and Safety Planning Coordination	8,528	5,494	3,034						
09-003	Short Range Transportation Planning & Studies:	589,890	170,925	94,383	313,937	2,927	7,718	0	0	0
01	Cal Traction Preservation & Purchase Study Plan	31,776	1,551	856	29,369					
02	Intelligent Transportation Systems Planning	68,876	41,656	23,002			4,218			
03	Complete Streets	148,516	92,460	51,056		2,500	2,500			
04	Sacramento Regional Transit District Transit Planning	15,702	10,116	5,586						
05	Downtown Sacramento Transit Circulation & Facilities Plan	250,000	18,906	10,439	219,728	427	500			
06	Agricultural Worker Transportation Program	75,020	6,236	3,444	64,840		500			
09-004	Continuing Transportation Implementation	6,152,647	1,362,530	752,389	1,948,728	8,750	15,250	0	25,000	2,040,000
01	Regional Air Quality Planning	103,349	65,616	36,233			1,500			
02	Federal and State Programming	488,021	312,473	172,548			3,000			
03	Regional Transportation Monitoring	239,432	138,147	76,285				25,000		
04	Metropolitan Transportation Plan Implementation	457,208	289,723	159,985		3,750	3,750			
05	Passenger Rail Improvements	35,417	22,817	12,600						
06	Universal Transit Fare Card Implementation	3,988,000	100,296	55,383	1,832,321				2,000,000	
07	Paratransit, Inc. Monitoring & Evaluation	140,809	46,645	25,757	66,407		2,000			
08	Transit Technical Assistance and Programming	89,692	57,784	31,908						
09	Climate Change / Greenhouse Gas Reduction	610,719	329,029	181,690	50,000	5,000	5,000		40,000	
09-005	Land Use and Housing Planning	3,983,020	1,369,916	756,723	1,013,475	62,700	35,000	671,206	74,000	0
01	Sacramento Region Blueprint Implementation	460,495	290,230	160,265		10,000				
02	Regional Land Use Monitoring	428,436	242,840	134,096		2,500		49,000		
03	McClellan ALUCP	65,330	17,301	9,554	38,475					
04	Yuba County ALUCP	300,000	48,154	26,846	225,000					
05	Airport Land Use Commission	28,692	18,485	10,207						
06	Community Design Program	85,247	54,791	30,256		200				
07	Interagency Monitoring Database & Mapping System	0								
08	Flood Coordination Strategy	9,273	5,974	3,299						
09	Rural-Urban Connections Strategy	1,934,341	692,141	382,200	750,000	50,000	35,000		25,000	
10	Civic Engagement Grants	671,206					671,206			
09-006	Public Services	7,231,821	352,664	194,738	512,480	28,000	4,660	968,500	40,000	4,520,000
01	Rideshare	1,906,352	145,325	80,248	150,000	20,000	1,500	918,500		590,779
02	511/STARNET Operations	410,490	127,737	70,535	150,558		1,660		40,000	20,000
03	511 Automated Transit Trip Planning	225,912	57,203	31,587	87,122			50,000		
04	Multilingual Transit & Comm. Enhancement-SACOG 511	80,340	10,656	5,884	54,800	7,500	1,500			
05	SECAT Program	4,526,727	4,334	2,393					4,520,000	
06	Regional Transit Mobility Training	82,000	7,409	4,091	70,000	500				
09-007	Member & Agency Services	3,739,582	788,114	435,197	711,892	20,000	5,607	314,522	41,000	1,423,250
01	Project Delivery	403,635	195,616	108,019	50,000			50,000		
02	Regional Information Center	378,359	210,900	116,459		10,000		41,000		
03	Transportation Development Act Administration	524,751	157,623	87,039	268,589	10,000	1,500			
04	Sacramento County Transit Assistance	57,066	36,764	20,302						
05	Support for Geographic Information Systems Collaborative	31,297	14,526	8,021	8,750					
06	Multi-agency Project Study Reports	299,334	30,230	16,693	252,411					
08	511/ STARNET Capital Improvements	1,738,427	115,274	63,654	132,142		4,107		1,423,250	
11	Emergency Preparedness, Business Continuity & Travel Options	42,191	27,181	15,010						
13	Elk Grove-Rancho Cordova-El Dorado County Connector	264,522		0				264,522		
09-008	Pass-Through to Other Agencies	164,321	5,292	2,924	0	0	0	156,105	0	0
01	Bikeway and Transit Network Study (UCDavis)	76,321	2,459	1,357				72,505		
02	Unitrans ITS Needs Analysis/Project Development	75,000	2,415	1,335				71,250		
03	YCTD Leadership American Public Transit Association	13,000	418	232				12,350		
09-009	Miscellaneous Other Funding	8,913,592	0	0	0	0	0	8,913,592	0	0
01	Unitrans CNG Fueling Facility Study	20,000						20,000		
02	Unitrans Master Plan for Memorial Union Terminal	30,000						30,000		
03	Unitrans Parking Lot Study for Downtown Davis	200,000						200,000		
02	Unitrans ITS Needs Analysis/Project Development	8,663,592						8,663,592		
TOTAL EXPENDITURES	34,115,850	5,652,668	3,121,654	5,148,346	237,077	134,935	1,954,228	180,000	7,983,250	625,779

SACRAMENTO AREA COUNCIL OF GOVERNMENTS

Detail of changes to OWP with Amendment #1

Project Number	Project Name	Description	Current	Revised
All Projects: Adjustment to Direct Labor and Benefits for costs related to additional COLA amount and other known benefit changes. Results in an increase to indirect costs and local funding.				
09-001-03	Multi-Agency Planning & Coordination	Meetings	\$100,000	\$50,000
09-001-03	Multi-Agency Planning & Coordination	Printing	-	50,000
Move budget from meetings to printing for needed printing costs.				
09-002-01	Model Development	Consultants	\$100,000	\$335,385
09-002-01	Model Development	Meetings	0	6,000
Increase consultant budget for roll over purchase orders to contractors for development of SACSIM and PECAS models Also for \$3,500 additional cost to contractor for maintenance of I-PLAC3s software. Total = \$135,385. Revenue is from fund balance (included in budget). Increase consultant budget for I-PLAC3s software upgrade originally approved in RUCS project approved by Board in May. \$100,000. Funding from Boxer earmark. Increased meetings budget \$6,000 for partnership with FHWA for peer review on travel model research project.				
09-004-09	Climate Change/Greenhouse Gas Reduction		742,075	570,719
09-004-09	Climate Change/Greenhouse Gas Reduction		-	40,000
Decrease Boxer Earmark funding and transfer to RUCS \$400,000; increase local funding \$230,644. Reduce consulting budget \$117,411; reduce printing \$5,000; reduce meetings \$10,000; reduce supplies/data \$50,000. \$40,000 for GRIP model development. Funded with Boxer earmark.				
09-005-07	Interagency Monitoring Database & Mapping System		\$51,461	\$0
Project closed at June 30.				
09-005-10	Civic Engagement		\$0	\$671,206
Balance of Civic Engagement agreements still outstanding.				
09-007-08	Support for GIS Collaborative		\$25,965	\$31,297
Increase consultant budget for roll over purchase order to contractor for GIS 3-D planning project \$8,750.				
Grant/Project Budget Revisions for revised balances forward based on June 30 activity:				
09-003-01	Caltraction		\$29,953	\$31,776
09-003-02	Intelligent Transportation Systems Planning		67,206	68,876
09-003-04	Agricultural Worker Transportation Program		79,000	75,020
09-004-06	Universal Transit Farecard Implementation		3,707,999	3,988,000
09-009-01	Rideshare		1,114,169	1,906,353
09-006-02	511/STARNET Operations		254,790	410,490
09-006-03	511 Automated Transit Trip Planning		151,996	225,982
09-006-04	Multilingual Transit & Alternative Modes Public Information		175,881	80,340
The original project contained two separate grants. This amendment divides the grants into two separate projects. Second grant is in new project 09-006-06.				
09-006-06	Regional Transit Mobility Training		-	82,000
09-007-04	Sacramento County Transit Assistance		26,145	54,335
09-007-06	511/STARNET Capital Improvements		2,277,274	1,738,427
Revised approved RSTP funding, a decrease of \$33,500 from original estimate; revised balance forward on FHWA earmark \$9,553; addition of Caltrans funding \$115,000.				
09-007-11	Emerg Preparedness, Business Continuity & Travel Options		62,500	42,191
09-007-13	Elk Grove-Rancho Cordova-El Dorado County Connector		305,000	264,522

09-008 New Element - PassThrough to Other Agencies

Records grants awarded to partner agencies as subrecipients to SACOG

OLD 09-007-07	Bikeway and Transit Network Study (UC Davis)	\$175,016	\$0
NEW 09-008-01	Bikeway and Transit Network Study (UC Davis)	-	75,321
OLD 09-007-09	Unitrans CNG Fueling Facilities Study	52,401	-
NEW 09-008-02	Unitrans CNG Fueling Facilities Study	-	75,000
OLD 09-007-12	YCTD Leadership American Public Transit Assoc	13,000	-
NEW 09-008-03	YCTD Leadership American Public Transit Assoc	-	13,000

09-009 New Element - Miscellaneous Other Funding

Projects funded and executed by partner agencies only but required to be in SACOG OWP.

09-009-01	Unitrans CNG Parking Facilities Study	\$0	\$20,000
09-009-02	Unitrans Master Plan for Memorial Union Terminal	-	30,000
09-009-03	Unitrans Parking Lot Study for Downtown Davis	-	20,000

1. UNITRANS – CNG FUELING FACILITY STUDY

Project #09-009-01

Unitrans completed its compressed natural gas fueling facility in 1996. This important facility provides primary fueling for Unitrans' fleet of almost 40 buses, as well as secondary/back-up fueling for Yolobus, Davis Community Transit and UC Davis Fleet Services. A difficulty with the current facility is that it uses two of the only three Pignone Nuovo natural gas compressors in North America, and parts are becoming difficult to obtain. In fact, Unitrans maintenance staff has had to custom manufacture normal-wear parts, as well as major components, for these two compressors in order to keep the fueling facility on-online. As such, Unitrans is seeking professional advice from a natural gas fueling facility expert on methods to ensure continued long-term CNG capacity for Unitrans and its partners. Unitrans will use a combination of FTA 5307 funds (\$16,000) apportioned to the Davis Urbanized Area and local funds (\$4,000) to complete the study.

Tasks and End Products:

- a. Project Initiation & Scoping Meeting (January 2009)
- b. Publish RFP & Award Contract (February – April 2009)
- c. Begin Study (June 2009)
- d. **Publish Recommendations Report (September 2009)**

2. UNITRANS – MASTER PLAN FOR MEMORIAL UNION TERMINAL

Project #09-009-02

Unitrans operates high-intensity fixed route services on the UC Davis campus and throughout the City of Davis. Service operates out of two primary passenger terminals on the UCD campus – the Silo terminal (currently in the design phase of a major expansion/consolidation) and the Memorial Union. The latter terminal was implemented in essentially its current configuration in the 1970s, although it was designed to accommodate fewer buses, smaller buses and far fewer passengers. As such, a long-term vision for this facility and its connection with other modes (pedestrian, bicycling, auto and other transit agency buses) needs to be formally developed. Unitrans will use a combination of FTA 5307 funds (\$24,000) apportioned to the Davis Urbanized Area and local funds (\$6,000) to complete the study.

Tasks and End Products:

- a. Project Initiation & Scoping Meeting (June 2009)
- b. Publish RFP & Award Contract (June – September 2009)
- c. Begin Study (October 2009)
- d. **Publish Recommendations Report (June 2010)**

3. UNITRANS – PARKING LOT STUDY FOR DOWNTOWN DAVIS

Project #09-009-03

The City of Davis has a vibrant downtown, within close proximity of the UC Davis campus. Travelers within the area, as well as those that travel to and from the area, are blessed with a relatively wide range of travel modes, including high-intensity Unitrans fixed route bus service, Amtrak trains, intercity and regional bus (Amtrak Thruway, Yolobus, Fairfield-Suisun Transit), extensive bicycling facilities and use, regional and local paratransit services, and a high degree of pedestrian travel. However, the interaction of these modes, capacity constraints and access are often in conflict as the City and campus continue to expand. This study will address these conflicts, and will attempt to ascertain the need for a long-term parking facility in the downtown area. Specifically,

the study will detail the parking shortcoming in the downtown area, develop and review a list of potential parking facility sites, review the potential environmental impacts at each site, choose a locally-preferred site, and determine the funding that would be available from the various stakeholders (transit operators, redevelopment agency, City, etc.). The City of Davis will use a combination of FTA 5307 funds (\$200,000) apportioned to the Davis Urbanized Area and local funds (\$50,000) to complete the study.

Tasks and **End Products:**

- a. Project Initiation & Scoping Meeting (March 2009)
- b. Publish RFP & Award Contract (April – June 2009)
- c. Begin Study (September 2009)
- d. **Publish Recommendations Report (September 2010)**

4. SRTD DOWNTOWN-NATOMAS-AIRPORT RAILPROJECT

Project #09-009-04

(Federal Requirement)

This Sacramento Regional Transit District project is a Transitional Analysis of the Downtown-Natomas-Airport. The DNA project is contained in the MTP 2035 and the MTIP. It is included in the OWP to meet federal requirements that this type of analysis be included in the MPO's Overall Work Program as well as the Metropolitan Transportation Improvement Plan.

Tasks and **End Products:**

- a. Task A builds upon the Programmatic EIR and the Locally Preferred Alternative (selected in 2003) to identify project delivery risks and cost uncertainties. Its purpose is to propose an “optimal” project delivery and technology for the entire corridor, within the parameters of a light rail alignment along Truxel Road, as specified in the Alternatives Analysis. This will include station number and types, single vs. double tracking, operating strategies, construction phasing, and so on. MOS-1 will be included in this task to ensure consistency between the phases within the corridor. **Cost Reduction Strategy, Value Engineering and Project Risk Assessment Work Paper**
- b. Task B is locally funded. It brings DNA MOS-1 to the 30% engineering level (at present it is at less than the 10% engineering level). This includes surveying, engineering, stations, utilities, and systems engineering for the first phase to Richards Boulevard. RT will use the 30% PS&E as the basis for a construction RFP. **Concept and Phasing Plan and 30% Engineering Documentation.**
- c. Task B-2 builds upon the Programmatic EIR and the PS&E document to produce a Final EIR under CEQA rules. This effort is entirely locally funded. **Final EIR**
- d. Task C updates the MOS-2 and MOS-3 conceptual engineering, costs, and ridership estimates. The last costs and ridership were done in 2004 and 2005. Recent testimony by SACOG indicates that circumstances along the DNA corridor have changed significantly. Market movements in the price of steel, concrete and other materials require updating costs as well, and pose a continuing risk to project delivery. **Cost Forecast and Ridership Update Documentation.**
- e. Task D is intended to propose the most competitive MOS-2 project possible under the New Starts criteria, taking into account updated costs, updated ridership, current financing options, and the results of SUMMIT model estimation. The results of Task D will be used to initiate a

NEPA document for MOS-2 and any additional segments of DNA, as necessary. ***Delivery Strategy Report and Phasing Plan.***

- f. Task E is the public outreach that is necessary, including coordination with our public partners and stakeholders, for all aspects of the project development process. This will include a Technical Advisory Committee as well as a Citizens' Review Committee, in addition to open houses and hearings as part of the public planning process. ***A series of Community Presentations, City/County Coordination Meetings, Technical and Citizen Advisory Committee Meetings, and Open Houses.***
- g. The optional task is proposed in the context of a design-bid-build scenario with regard to MOS-1. The decision to undertake or abandon this task will not be made until later in the year, and the task will be entirely locally funded. ***100% Engineering Diagrams and Documentation.***
- h. The balance of the funding in this project, approximately \$3.5 million, will be used for preliminary engineering of the next phase of DNA. This step will require FTA approval before it can proceed.

1. MODEL DEVELOPMENT

Project #09-002-01

(State and Federal Requirements)

This program is the continuation of a multi-year travel and land use model improvement project. Three modeling systems are the focus of this project. The SACSIM travel demand model is a tour-based travel model. I-PLACE³S is a land use planning model that is connected to either the SACSIM model or the older trip-based SACMET travel model. PECAS is an economic land use forecasting model that is integrated with the SACMET travel model. The 4-step model, SACMET, will be maintained for comparison purposes and as the initial travel model for the PECAS economic-land use model development. Also, SACMET is still used as a basis for many local agency travel demand models and current or ongoing transportation studies, and will be maintained through this fiscal year for that reason.

I-PLACE³S development will include: updates of the model manual and documentation, adding/ improving modules (public health and urban form, rural land uses for the RUCS project, urban land uses for good and freight planning, climate change analysis, and energy module), and incorporating data development and processing tasks needed for the SACSIM travel model that are currently handled manually. An ongoing I-PLACE³S maintenance task also included here is the annual contract with EcoInteractive, Inc. to host and maintain the software. Staff will also coordinate its software development efforts with other I-PLACE³S users in the state through an I-PLACE³S user group.

The PECAS economic land use model started a development project in FY 2007-08. The project will be completed this year. The generalized PECAS design has been improved in other metro and state applications which will be incorporated into the design. The data monitoring program has updated several data sets. These data will be used in the calibration. An additional feature of the calibration will be to coordinate with the PECAS model development projects at Caltrans (statewide) and SANDAG.

An improvement project to the SACSIM travel demand model was started in FY 2007-08 that will continue into FY 2008-09. The major task is to convert the model operation to a multi-CPU process to speed up model runs. Another model improvement project this year will convert the transit network operations to a new Citilabs (our software vendor) module that is more compatible with a tour-based model design. Additional model improvements will be pursued when funding becomes available.

A peer review panel will be convened on the SACSIM travel model. This program is supported by U.S. DOT's Travel Model Improvement Program (TMIP). The purpose is to provide SACOG with expert review of the model and plans to improve it over the next few years. Some costs are covered by the TMIP program with the remaining by SACOG. The panel's recommendations will be incorporated into future decisions on model development.

SACOG is supporting a FHWA-funded research project on model development. The SACSIM activity-based travel model utilizes an activity generator to estimate travel demand. The project will integrate the activity generator with the TRANSIMS travel model. This project will be a multi-year project, carrying over to FY 2009-2010.

Tasks and *End Products*:

- a. *Progress report on SACSIM travel model operation (June 2009)*
- b. *Progress report on PECAS model development (December 2008)*
- c. *Progress reports on I-PLACE³S model improvements and documentation*
 - 1. *Annual report on model maintenance (June 2009)*
 - 2. *Final report on RUCS-related model improvements (February 2009)*
 - 3. *Progress report on improvements to the public health, freight planning, climate change, and the energy modules (June 2009)*
- d. *Final report on SACSIM travel model peer review (March 2009)*
- e. *Status report on SACSIM-TRANSIMS integration research project (June 2009)*

6. UNIVERSAL TRANSIT FARE CARD IMPLEMENTATION

Project #09-004-06

(Supports State and Federal Requirements)

This project is the implementation, procurement, and testing of a regional universal transit fare card system. The first phase will include the negotiation of all necessary interagency agreements and the development of an implementation/procurement plan. The plan will establish important decision points and timetables for implementing transit smart card technology throughout the greater Sacramento metropolitan region. A universal transit fare card is expected to simplify transit system operations, improve system connectivity, and improve the attractiveness of transit to new patrons. The implementation plan will develop an operations and systems requirements sub-plan, a procurement schedule, develop technical specifications, and refine the cost model. A full system procurement, integration, and testing cycle will ensue in a manner guided by the Implementation Plan and the project Governance Committee. Included in this second phase are establishing the regional financial and management clearinghouse, establishing the regional maintenance and supply systems, and implementing smart card technology on various transit properties. Full system deployment and Acceptance is anticipated by May 2010.

Tasks and *End Products*:

- a. ~~As necessary, conclude any remaining contractual negotiations with engineering consultant~~
Solicit proposals and select consultant to provide Engineering Services; **Contract** (June September 2008)
- b. Grant Management, Project Management, and Governance support; **Reports & Memoranda** (July 2008 – June 2010)
- c. System Requirements & Operations Plan; **Draft Report** (~~August 2008~~ February 2009)
- d. Implementation Plan; **Draft Report** (~~August~~ December 2008)
- e. Cost Model Refinements; **Draft Report** (~~September 2008~~ February 2009)
- f. Technical Specifications; **Draft Report** (~~November 2008~~ April 2009)
- g. Contract Documents & Procurement Schedule; **Schedule** (~~November 2008~~ April 2009)
- h. Implementation & Procurement Plan Final Report; **Report** (~~December 2008~~ September 2009)
- i. Publish RFP's for System Procurement & other professional services; Secure Performance Bond; **RFP(s), Performance Bond** (~~January 2009 – Mar 2009~~ April 2009)
- j. Award contracts for system procurement & other professional services (~~April~~ August 2009)
- ~~k. Establish Regional Financial and Management Clearinghouse (May 2009 – September 2009)~~
- l. Procurement of Fare Card technology (~~May~~ September 2009 – September November 2009)
- ~~m. Establish Maintenance and Supply Systems (August 2009 – November 2009)~~
- n. System Installation, Integration, & Testing (October 2009 – Mar 2010)
- o. Project Status and Assessment; **Report** (June 2010)

9. CLIMATE CHANGE/GREENHOUSE GAS REDUCTION

Project #09-004-09

(State Requirement)

The issue of climate change is a timely one for SACOG to address as landmark legislation was passed in 2006 mandating the reduction of greenhouse gases in the State of California (AB32). The Attorney General's office has explicitly stated the need to address greenhouse gas emissions within the context of SACOG's Metropolitan Transportation Plan and its Environmental Impact Report. Our region will be in a position to realize benefits relative to the smart growth patterns identified in the Blueprint project. SACOG will continue to have a critical advisory role working with the state on AB32 implementation, given the relationship between transportation and land use patterns and greenhouse gas emissions. Key tasks associated with this project will be continuing to monitor and provide input relative to the state's greenhouse gas emission reduction efforts and implementation of the mitigation measures from the MTP 2035 EIR that address climate change.

The Greenhouse Gas Regional Inventory Protocol (GRIP) is a planning model developed in England and applied throughout the European Union metropolitan regions. Greenhouse gas emissions from all sources are inventoried with the protocol. Scenarios are then developed to meet GHG reduction goals. The protocol is very similar to I-PLACE³S in approach and transparency. We will be working with the developer to develop regionwide strategies as AB32 is implemented.

Tasks and ***End Products:***

- a. Attendance at state AB32 advisory meetings and workshops and other local and regional climate change meetings (Ongoing)
- b. Identify strategies to reduce carbon emissions through transportation pricing (Ongoing)
- c. Develop the Greenhouse Gas Regional Inventory Protocol model for the SACOG region and develop GHG reductions strategies.
- d. ***Compilation of SACOG's own carbon emissions inventory (July 2008)***
- e. ***Recommendations for reducing SACOG's own carbon emissions (September 2008)***
- f. ***Create a Greenhouse Gas Emissions Reduction Strategies Toolkit (March 2009)***
- g. ***Create a public education program on individual transportation behavior and climate change (June 2009)***
- h. ***Report of carbon emissions associated with the 2035 Metropolitan Transportation Plan (December 2008)***
- i. ***Status report on the GRIP model development and application (June 2009)***

9. RURAL-URBAN CONNECTIONS STRATEGY

Project #09-005-09

(Board Policy)

The Rural-Urban Connections Strategy (RUCS) is included as a mitigation measure and Transportation Control Measure as part of the MTP and is a complementary effort to Blueprint implementation. It approaches the region's growth and sustainability objectives from a rural perspective, emphasizing the challenges and opportunities in rural areas. The project will develop policy recommendations and technical tools to help implement local and regional objectives for enhancing agriculture and rural economies, resource conservation, recreation, quality of life, and regional sustainability. The project has started with convening agricultural tours to provide an opportunity for Board members to see and experience firsthand agriculture operations throughout the region. Concurrently, working groups on various topics to detail challenges and opportunities and then suggest innovations and implementation strategies to meet local and regional objectives. Reports will draw upon local and national case studies to demonstrate potential for various innovations and strategies. Data and PLACE³S modeling support will be needed to help evaluate and compare strategies. These RUCS topics will then be assembled and integrated to highlight how they are linked and how they collectively help achieve objectives for rural areas. These activities will lead to the identification of innovations and strategies that will help achieve local and regional objectives. This activity will then be followed by the development of a "toolkit" of policy, planning, funding, regulatory, economic, and modeling techniques that can be used to implement the innovations.

Tasks and ***End Products:***

- a. Collect or create data and maps to support the project (Ongoing)
- b. Organize agriculture tours throughout the region (September 2008 – April 2009)
- c. Assemble and convene working groups by topic area (~~February~~–September 2008 – April 2009)
- d. Conduct specific research as needed to support the working groups (~~February~~–September 2008) (September 2008 – April 2009)
- e. ~~Document tribal government-to-government relations (i.e., coordination, consultation, and collaboration efforts) (Ongoing)~~
- f. ***Agriculture tour logistics and materials (September 2008 – April 2009)***
- g. ***Working group summaries and reports and working papers (July September–November 2008)***
- h. ***Data, maps, and modeling to support the project (Ongoing)***
- i. ***Develop a "Landscape Typology" for use in I-PLACE³S (September – October 2008)***
- j. ~~***I-PLACE³S update with Landscape Types and functionality for rural analysis (November 2008)***~~
- k. ***Reports on innovations and strategies for rural sustainability (November 2008 – April 2009)***
- l. ***Toolkit of policy, planning, funding, regulatory, economic, and modeling techniques (April – December 2009)***

10. CIVIC ENGAGEMENT GRANTS

Project #09-005-10

The SACOG Civic Engagement Program is designed provide financial and technical assistance to local governments in promoting public education and involvement to promote Blueprint implementation. The program awarded 10 direct grants to local governments to conduct more extensive outreach, develop computer visualization and offer more involvement opportunities to stakeholders and the public. In addition, the program will develop educational materials, including Powerpoint presentations, a 1500 image database, educational videos and photo-simulations.

*Tasks and **End Products:***

- a. Administration of 10 local government grants (Ongoing)
- b. Completion of educational PowerPoints and videos (As appropriate)

4. MULTILINGUAL TRANSIT AND ALTERNATIVE MODES PUBLIC INFORMATION AND 511 OUTREACH PROGRAM

Project #09-006-04

(Board Policy)

SACOG will continue to promote transit and alternative modes (e.g., carpooling, vanpooling, bicycling, walking) for disadvantaged populations through the Multilingual and Alternative Modes Public Information and 511 Outreach Program. Leveraging the successful work of the 2006-07 Multilingual Mobility Study, expanded efforts will be undertaken in public education. Public education efforts will include outreach to TMAs, cultural organizations, public interest groups, and personal mobility training. The SacRegion511 website will be enhanced with multilingual translation, interpretation, and information reference capabilities.

Tasks and **End Products:**

~~a.~~ ~~Organize Stakeholders Group (June 2008)~~

~~b.a.~~ RFP and contractor selection for mobility training (~~September~~ July 2008)

~~e.b.~~ Identify Candidates for mobility training using network of TMAs, transit agencies and community service groups, and organize training sessions for mobility training (Ongoing)

~~d.c.~~ Provide Mobility Training; provide day passes, books of tickets, and day care for individuals receiving mobility training (Ongoing)

~~e.d.~~ Prepare copies of multilingual video from previous multilingual grant; prepare informational brochures and packet; distribute information resources to organizations providing assistance to transit dependent groups (Ongoing)

~~f.e.~~ Provide training and technical assistance for organizations to assist them to assist their clients with transportation needs (Ongoing)

~~g.f.~~ RFP and contractor selection for SacRegion511 multilingual assistance (if needed) (November 2009)

~~h.g.~~ Develop and implement dispatch and web site interpretation/translation tools for 511 information and matching services (November 2008 – November 2010)

~~i.h.~~ As directed by Stakeholders Group, monitor and meet with community-based organizations providing outreach services to ethnic communities and document tribal government-to-government relations (i.e., coordination, consultation, and collaboration efforts) (As needed)

~~j.i.~~ Project and contract administration and reporting (Quarterly)

~~k.j.~~ **Inventory of multilingual video media (October 2008)**

~~l.k.~~ **Public information materials, including the multilingual video (October 2008)**

~~m.l.~~ **Multilingual information and translation tools for SacRegion 511 (November 2010)**

~~n.m.~~ **Report on training and outreach to agencies and stakeholder groups (November/September 2009)**

~~o.n.~~ **Report of mobility training provided (January 2010)**

~~p.o.~~ **Project final report (January 2010)**

~~q.p.~~ **Project evaluation report (January 2010)**

6. MOBILITY TRAINING ON TRANSIT

Project #09-006-06

(Board Policy)

The Mobility Training on Transit Program provides for mobility and travel training for elderly, disabled, Limited English Proficient (LEP), and other potential transit riders in the SACOG Region. Mobility training assists and teaches individuals and groups how to access and use the fixed routes and light rail transportation for many of their trips. Mobility training includes familiarization with how the transit system works, bus routes, ticketing, and trip planning. Mobility training instills confidence and encourages individuals to use transit services and assists them to gain more control over their schedule and activities.

This Program will build on the mobility training currently being done and provide mobility training to more individuals in the region than are currently receiving training.

Tasks and **End Products:**

- a. RFP and contractor selection for mobility training (September 2008)
- b. Identify Candidates for mobility training using network of TMAs, transit agencies and community service groups, and organize training sessions for mobility training (Ongoing)
- c. Provide Mobility Training; provide day passes, books of tickets, and day care for individuals receiving mobility training (Ongoing)
- d. Conduct post training survey (September 2009)
- e. Project management and contract administration and reporting (Quarterly)
- f. **Contact list of potential groups and individuals for training (October 2008)**
- g. **Follow up survey of participants to evaluate effectiveness of training (September 2009)**
- h. **Report on training and outreach to agencies and stakeholder groups (November 2009)**
- i. **Project evaluation report (January 2010)**