



2

DEPARTMENT OF  
PUBLIC WORKS

STREET DIVISION

CITY OF SACRAMENTO  
CALIFORNIA

5730-24TH STREET  
BUILDING NINE  
SACRAMENTO, CA  
95822-3699

916-449-5236

September 1, 1987

ROBERT L. LEE  
STREET DIVISION  
MANAGER

Budget & Finance Committee  
Sacramento, California

Honorable Members in Session:

Subject: Sacramento Area Council of Governments'  
Sacramento Metropolitan Area Transportation Study ("Metro Study")

SUMMARY

The Sacramento Area Council of Governments with the assistance of the State-County-City governments are planning to implement a transportation study for the metro area. The study will identify and prioritize a master list of multi-modal transportation needs to meet the future travel demands of the area in the year 2010.

BACKGROUND

The demands placed on the Sacramento transportation network are increasing at a very rapid rate. The area is outgrowing our existing transportation systems and we need to plan for the future to meet employment/shopping/recreation demands. The City in unison with the State, Sacramento County and contiguous metropolitan areas needs to develop a comprehensive multi-modal transportation plan. It is felt that a study such as the one proposed is an excellent vehicle toward this goal and objective. The Metro Study will look at multi-modal issues and will review the air quality impacts.

FINANCIAL

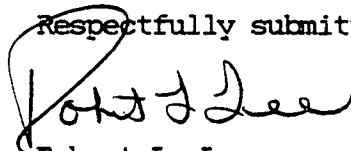
The funding for the Metropolitan Study was originally planned to come from State discretionary funds. However, because of the reduction to the availability of these funds, it has become necessary to come to the local jurisdictions for assistance. The participating cities and counties will contribute \$50,000 toward the \$525,000 study.

The financial contribution towards the study cost is based on proportional population figures of the participating jurisdictions. The City of Sacramento's share is \$16,000. It is recommended that this funding come from the General Fund contingency.

RECOMMENDATION


It is recommended that the Budget & Finance Committee support a funding contribution of \$16,000 for the Metro Study and approve the transfer of funds and forward this report to the full City Council for passage of the attached resolution.

Respectfully submitted,



Robert L. Lee  
Street Division Manager

Recommendation Approved:



Jack Crist  
Deputy City Manager

Approved:



Melvin H. Johnson  
Director of Public Works

RLL:jf  
CA7-7

attachment

September 1, 1987  
All Districts



DEPARTMENT OF  
PUBLIC WORKS

STREET DIVISION

CITY OF SACRAMENTO  
CALIFORNIA

5730-24TH STREET  
BUILDING NINE  
SACRAMENTO, CA  
95822-3699

916-449-5236

ROBERT L. LEE  
STREET DIVISION  
MANAGER

September 8, 1987

City Council  
Sacramento, California

Honorable Members in Session:

Subject: Sacramento Area Council of Governments  
Sacramento Metropolitan Area Transportation Study  
("Metro Study")

SUMMARY

The Sacramento Area Council of Governments and the State-County-City governments are planning to implement a transportation study for the metro area. The study will identify and prioritize a master list of multi-modal transportation needs to meet travel demands in the year 2010. This report was reviewed by the Budget & Finance Committee on September 1, 1987.

BACKGROUND

The demands placed on the Sacramento transportation network are increasing at a very rapid rate and are outgrowing its existing systems. The City in unison with the State of California, Sacramento County and contiguous metropolitan areas needs to develop a comprehensive multi-modal transportation plan and review air quality impacts. The proposed study will serve as a vehicle towards this goal.

FINANCIAL

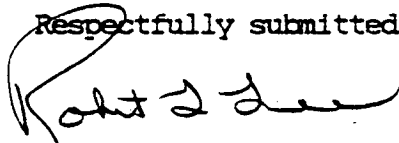
The financial contribution by each jurisdiction towards the cost of the Metro Study is based on relative population figures. The City of Sacramento's share is \$16,000. It is recommended that this funding come from the General Fund contingency.

September 8, 1987  
City Council  
Page -2-

RECOMMENDATION

It is recommended that the City Council approve a funding contribution of \$16,000 for the Metro Study and transfer of funds from the General Fund Contingency by passage of the attached resolution.

Respectfully submitted,



Robert L. Lee  
Street Division Manager


Recommendation Approved:

Walter J. Slipe  
City Manager

RLL:jf  
CA7-7

attachment

Approved:



Melvin H. Johnson  
Director of Public Works

September 8, 1987  
All Districts

# RESOLUTION No.

Adopted by The Sacramento City Council on date of

## RESOLUTION APPROVING FUNDING FOR THE SACRAMENTO METROPOLITAN AREA TRANSPORTATION STUDY

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO;

1. That the City support funding for the Sacramento Area Council of Governments Sacramento Metropolitan Area Transportation Study ("Metro Study") in the amount of \$16,000 from the General Fund contingency.

2. That the amount of \$16,000 be transferred from the General Fund contingency to the Transportation Division Operation Budget (101-310-3128-4258) for payment to the Sacramento Area Council of Governments.

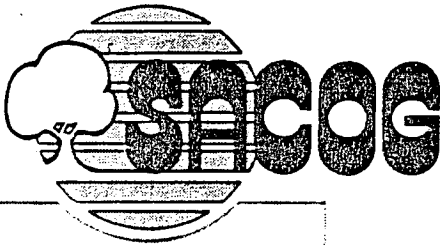
---

MAYOR

ATTEST:

---

CITY CLERK



**Sacramento Area  
Council of Governments**

106 "K" Street, Suite 200  
Sacramento, California 95814  
(916) 441-5930

Mailing Address:  
P.O. Box 808  
Sacramento, California 95804

**Directors**

GEORGE DEVERAUX  
(Chairman)  
Chairman  
Yuba County

ROSS AINSWORTH  
Mayor  
City of Rocklin

GEORGE P. DeMARS  
Chairman  
Yolo County

GUY GIBSON, JR.  
Vice Mayor  
City of Folsom

LAWRENCE MARK  
Vice Mayor  
City of Yuba City

DAVID NOFZIGER  
Vice Mayor  
City of Woodland

TOM PFEFFER  
Supervisor  
Sutter County

LYNN ROBIE  
Councilwoman  
City of Sacramento

DAVID E. ROLOFF  
Vice Mayor  
City of Marysville

JIM STRENG  
Vice Chairman  
Sacramento County

JAMES E. WILLIAMS  
(Executive Director)

**Members**

- City of Lincoln
- City of Rocklin
- City of Roseville
- Sacramento County
- City of Folsom
- City of Galt
- City of Isleton
- City of Sacramento
- Sutter County
- City of Live Oak
- City of Yuba City
- Yolo County
- City of Davis
- City of Winters
- City of Woodland
- Yuba County
- City of Marysville
- City of Wheatland

August 4, 1987

Mr. Mel Johnson  
Director of Public Works  
City of Sacramento  
915 I Street  
Sacramento, CA 95814

Dear Mel:

This letter is a request for funds from the City of Sacramento for SACOG's Sacramento Metropolitan Area Transportation Study (Metro Study), a major study that will conclude in the Fall of 1988 with a recommended list of transportation system improvements for the Sacramento area.

The funding for the Metro Study was originally to have come, in large part, from state discretionary funds; SACOG has been granted less than half of the monies originally expected from this source. Therefore, in order to complete the study without reducing its scope, the SACOG Board has authorized staff to request up to \$50,000 in supplemental funds from the jurisdictions that will be involved in this study.

Based on the city's population relative to the other participating jurisdictions, SACOG is requesting that the City of Sacramento budget \$16,000 in FY 1987/88 for the Metro Study to be paid to SACOG. The city's participation in this study is crucial; Bob Lee of your staff has been involved in an ad hoc task force that has been meeting to develop the study's purpose and description.

I anticipate hearing from you on this request by the end of the month. In the meantime, please call me with questions any time.

Sincerely,

MICHAEL HOFFACKER  
Director of Planning

PUBLIC WORKS  
OFFICE OF THE DIRECTOR

MH:RB:bb

cc: Bob Lee

AUG 7 1987

# MEMORANDUM OF UNDERSTANDING



## ***Sacramento Metropolitan Area Transportation Study "METRO STUDY"***

Sacramento Area Council of Governments

SACRAMENTO AREA COUNCIL OF GOVERNMENTS  
106 K Street Sacramento, CA 95814

MEMORANDUM OF UNDERSTANDING  
BETWEEN THE SACRAMENTO AREA COUNCIL OF GOVERNMENTS AND  
THE COUNTY OF SACRAMENTO, THE CITY OF SACRAMENTO  
THE CITY OF FOLSOM, THE CITY OF ROSEVILLE, THE CITY OF ROCKLIN,  
THE CITY OF LINCOLN, THE CITY OF WEST SACRAMENTO,  
SACRAMENTO REGIONAL TRANSIT DISTRICT, CALTRANS DISTRICT 3,  
THE COUNTY OF PLACER, AND THE COUNTY OF ELDORADO

This Memorandum of Understanding (MOU) is intended to ensure agreement among participants in the Sacramento Metropolitan Area Transportation Study (Metro Study) on the study objective, ensure that the study recommendations are considered by governing officials at the conclusion of the study, and assure the timely and productive governing official and staff support necessary to achieve the study objective.

STUDY OBJECTIVE

The objective of the Metro Study is to obtain agreement among local elected officials, planning/public works staff, Sacramento Regional Transit District (RT), and Caltrans District 3 on a prioritized master list of transportation system improvements necessary to meet the travel demands in the year 2010. Analysis will include air quality impacts and order-of-magnitude costs. This master list, and a list of actions leading to its implementation, is intended to guide local officials in transportation planning and programming over the next several years; with a goal of including the recommended projects in local general plans and commencing environmental, financing, and other required studies.

STUDY BACKGROUND AND DESCRIPTION

The Sacramento metropolitan area is projected to have significant growth for the next several decades. The number of vehicle trips will increase faster than the area's population will increase; and the pattern of trip taking will change as new employment, shopping, and recreation centers emerge in the suburban areas. To date, no comprehensive regional study has been done to address these emerging problems.

In FY 1986/87, SACOG completed a transportation study concerning freeway alternatives connecting the South Placer area at I-80 with Route 50, Route 99, and I-5 west of Elk Grove. Many issues were raised in the study; specifically, the need for a thorough analysis of transportation system improvements and a wider range of alternative solutions to meet future traffic problems, the need to show the benefits of new facilities in



reducing traffic congestion, and the need to evaluate air quality objectives in relationship to various transportation system improvements.

In response to these issues, and the growing issue of increasing traffic congestion in the greater Sacramento area, SACOG is launching a thorough transportation study of the Sacramento metropolitan area. The study will be done in conjunction with SACOG's 1988 Regional Transportation Plan (RTP) analysis, but will focus on the Sacramento metropolitan area and emphasize development of an areawide consensus for recommended transportation improvement projects.

A microcomputer-based model will function as the primary analysis tool; testing several different transportation-system alternatives on year-2010 household and employment projections. Analysis of alternatives that cannot be modeled (such as carpools, HOV lanes, and signal timing improvements) will also be performed. In addition, air-quality analysis and order-of-magnitude cost estimates for each transportation system alternative set will be made to assist in the process of developing the master list.

#### POLICY ADVISORY COMMITTEE

Each jurisdiction signing this MOU will provide one governing body member, RT will provide one Director, and Caltrans will provide the District 3 Director of Transportation to serve on the Study's Policy Advisory Committee (PAC). The PAC shall provide policy advice and assistance in the preparation, adoption, and implementation of a master list of transportation system improvements for the Sacramento metropolitan area.

Activities of the committee may include, but are not limited to: deciding on the policy issues that guide the study, ensuring that the technical analysis addresses those issues, developing criteria for evaluating transportation system alternatives, representing the public interests in the study development, sponsoring approval of the final study within each governing body, and recommending SACOG Board adoption of the master list of transportation system improvements.

The PAC committee charge is attached as Appendix A.

#### TECHNICAL ADVISORY COMMITTEE

Each City or County that is a party to this MOU will assign one staff person representing that jurisdiction's Public Works Department, and one staff person representing that jurisdiction's Planning Department to the Study Technical Advisory Committee

(TAC). Caltrans District 3 and RT will each assign two staff members to sit on the Study TAC.

The TAC shall provide technical advice and assistance in the preparation, adoption, and development of an implementation process for the master list of transportation system improvements for the Sacramento metropolitan area.

Activities of the committee may include, but are not limited to: developing an overall work plan, reviewing all technical aspects of the study, developing and recommending transportation system alternatives, facilitating data collection for and detailed technical review of all alternatives analysis, assigning order-of-magnitude costs to each alternative set, and reviewing draft reports.

The TAC committee charge is attached as Appendix B.

#### STAFF SUPPORT

The completion of this study in a timely manner is dependent on the regular and consistent assistance of the participating jurisdictions on a staff level as well as participation in the PAC and TAC. Specifically, there are nine areas of the study that will require staff support; these are described below.

1. Highway/Transit Network Development. In development of the highway/transit networks used for all model runs, SACOG will assume the following responsibilities:
  - o Compile lists of proposed transportation system improvements
  - o Develop alternative networks from the project lists
  - o Draw initial alignments of new facilities or network changes on base-network plots
  - o Develop final alternative networks for model runs
  - o Create and maintain computer files containing alternative networks

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Review and comment on proposed network changes
- o Assist in placing network alternatives on plots of the 2010 base network

- o Review and approve final alternative networks

2. Deficient Network Segments. In the identification of deficient network segments, SACOG will assume the following responsibility:

- o Develop initial evaluation criteria defining deficient network segments
- o Develop initial list of deficient network segments based on above criteria
- o Provide plots and other model output showing deficient segments for each jurisdiction
- o Collate all information returned by jurisdictions
- o Map final network segment deficiencies for each alternative set

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Review deficient network segments as defined by SACOG staff for the base-year, initial-2010, and 2010-alternative model runs
- o Comment on deficient segments as defined by SACOG, and agree to final deficiencies list

3. Future-Year Alternatives Development. In the development of future-year alternatives, SACOG will assume the following responsibilities:

- o Compile, from project listing and recommended actions in the 1987 Regional Transportation Plan, a list of projects and actions that may relieve future deficiencies
- o Review additional improvements suggested by study participants and prepare seven to ten preliminary packages of improvements and population/employment alternatives

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Review, comment on, and add to SACOG's project and action list based on existing plans

- o In light of 2010 deficiencies and using professional judgement, develop additional projects and actions
- o Review and comment on SACOG's proposed alternatives

4. **Non-Model Analysis.** In the development of non-model analysis, SACOG will assume the following responsibilities:

- o Develop request for proposal (RFP) and contract for consultant to provide major staff work on this section
- o Administer contract
- o Review consultant's work on an ongoing basis
- o Report consultant's progress to the PAC and TAC
- o Integrate work into final study report

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Define network segments or areas requiring non-model transportation system analysis
- o Review consultant work at draft stage
- o Make suggestions and comments on progress of the consultant's work

5. **Housing and Employment Projections.** In the development of the housing and employment projections for year 2010, SACOG will assume the following responsibilities:

- o Make initial 2010 projections
- o Make first cut projections on any redistribution of housing and employment for model runs including major new transportation facilities
- o Make necessary changes after review of projections by local jurisdictions

Each party to this agreement will assume the following responsibilities as pertains to each jurisdiction or agency:

- o Review and comment SACOG's projections for 2010
- o Approve the projections as the best possible for use in the transportation model

- o Provide a redistribution of housing or employment for a second round of model runs
- o Review and accept the redistribution of housing and employment prior to model runs being performed

6. Air Quality Analysis. In the development of air quality analysis, SACOG will assume the following responsibilities:

- o Convert SACOG model output to a format acceptable for input into the Caltrans emissions model (DTIM)
- o Coordinate emissions model runs with Caltrans
- o Report tons of emissions per model run, broken down by community group if possible

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Review emissions output from DTIM, Caltrans' emissions model
- o Provide assistance on defining community boundaries for emissions reporting if possible

(NOTE: This element will be fully developed through SACOG's Air Quality Update Plan - Phase I)

7. Public Relations. In the development of a public relations program, SACOG will assume the following responsibilities:

- o Develop request for proposal (RFP) and contract for consultant to provide major staff work on this section
- o Write and administer a contract to provide periodic newsletters and other public relations assistance
- o Setup and run two public workshops designed to provide public input into the study process
- o Give reports to governing bodies and community groups
- o Facilitate public information

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Provide for staff attendance at both public workshops

- o Assist in workshop setup by providing needed meeting space, equipment, or information
  - o Provide reports to governing bodies, if necessary due to time constraints on SACOG staff
8. Develop Order-Of-Magnitude Cost Estimates. In developing order-of magnitude cost estimates, SACOG will assume the following responsibilities:
- o Coordinate cost estimate methodology between jurisdictions
  - o Compile and report final cost estimates

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Work with other jurisdictions in developing a common basis for assigning costs to projects
  - o Make dollar cost estimates for the improvements modeled in each transportation-network alternative (will be used to make some form of order-of-magnitude cost estimates)
9. Reports. In the development of reports, SACOG will assume the following responsibilities:
- o Write, type, and print all draft reports and the final report
  - o Prepare all final maps, charts, and tables for inclusion in the reports
  - o Distribute reports as necessary

Each party to this agreement will assume the following responsibilities as they pertain to each jurisdiction or agency:

- o Review and comment on reports prepared by SACOG
- o Provide documentation of the analysis process for areas 1-7 above
- o Assist in developing maps, charts, and tables; if necessary due to time constraints on SACOG staff

**TERM**

The term of this MOU will commence upon each jurisdiction's signing and conclude when the final study report has been completed. This is estimated to be September of 1988.

APPROVED

\_\_\_\_\_  
Chair  
SACRAMENTO AREA COUNCIL OF GOVERNMENTS

Date \_\_\_\_\_

\_\_\_\_\_  
Chair  
SACRAMENTO COUNTY BOARD OF SUPERVISORS

Date \_\_\_\_\_

\_\_\_\_\_  
Mayor  
CITY OF SACRAMENTO

Date \_\_\_\_\_

\_\_\_\_\_  
Mayor  
CITY OF FOLSOM

Date \_\_\_\_\_

\_\_\_\_\_  
Mayor  
CITY OF ROSEVILLE

Date \_\_\_\_\_

\_\_\_\_\_  
Mayor  
CITY OF ROCKLIN

Date \_\_\_\_\_

\_\_\_\_\_  
Mayor  
CITY OF LINCOLN

Date \_\_\_\_\_

\_\_\_\_\_  
Mayor  
CITY OF WEST SACRAMENTO

Date \_\_\_\_\_



---

Chair  
SACRAMENTO REGIONAL TRANSIT DISTRICT

---

Date

---

District Director of Transportation  
CALTRANS DISTRICT 3

---

Date

---

Chair  
PLACER COUNTY BOARD OF SUPERVISORS

---

Date

---

Chair  
EL DORADO COUNTY BOARD OF SUPERVISORS

---

Date

APPENDIX A

SACRAMENTO AREA COUNCIL OF GOVERNMENTS

SACRAMENTO METROPOLITAN AREA TRANSPORTATION STUDY  
("METRO STUDY")

POLICY ADVISORY COMMITTEE (PAC)

COMMITTEE CHARGE

PURPOSE:

The Policy Advisory Committee (PAC) shall provide policy advice and assistance in the preparation, adoption, and implementation of a master list of transportation system improvements for the Sacramento metropolitan area.

Activities of the committee may include, but are not limited to: deciding on the policy issues that guide the study, ensuring that the technical analysis addresses those issues, developing criteria for evaluating transportation system alternatives, representing the public interests in the study development, sponsoring approval of the final study within each governing body, and recommending SACOG Board adoption of the master list of improvements.

MEMBERSHIP:

The Metro Study PAC shall consist of 11 members, one each appointed from the respective board or council of:

Sacramento County	Lincoln
Sacramento City	Placer County
Folsom	El Dorado County
Roseville	West Sacramento
Rocklin	Sacramento Regional Transit District

And the District Director of Caltrans District 3

In the event of an absence by an appointed member, an alternate from that governing body may attend.

Requests for membership on the Metro Study PAC from jurisdictions, agencies, or individuals not listed above will be decided by the SACOG Board of Directors.

TERM OF THE  
COMMITTEE:

The term of the committee will conclude when the study report has been completed (estimated time of completion is June 1988).

MEETINGS:

The Metro Study PAC will hold regularly scheduled meetings, the time and place to be set by the members; special meetings may be called as needed. All meetings of the Metro Study PAC will be open to the public and governed by Roberts Rules of Order. Actions by the Metro Study PAC will be decided by an affirmative vote of the members in attendance.

APPENDIX B

SACRAMENTO AREA COUNCIL OF GOVERNMENTS

SACRAMENTO METROPOLITAN AREA TRANSPORTATION STUDY  
("METRO STUDY")

TECHNICAL ADVISORY COMMITTEE (TAC)

COMMITTEE CHARGE

PURPOSE: The Technical Advisory Committee (TAC) shall provide technical advice and assistance in the preparation, adoption and implementation of a master list of transportation system improvements for the Sacramento metropolitan area.

Activities of the committee may include, but are not limited to: developing an overall work plan, reviewing all technical aspects of the study, developing and recommending transportation system alternatives, facilitating data collection for and detailed technical review of all alternatives analysis, assigning order-of-magnitude costs to each alternative set, and reviewing draft reports.

MEMBERSHIP: The Metro Study TAC shall consist of 22 members, one each appointed from the planning and public works departments from:

Sacramento County	Lincoln
Sacramento City	Placer County
Folsom	El Dorado County
Roseville	West Sacramento
Rocklin	

And two each from:

Sacramento Regional Transit District  
Caltrans District 3

In the event of an absence by an appointed member, an alternate from that agency may attend.

Requests for membership on the Metro Study TAC from jurisdictions, agencies, or individuals not listed above will be decided by the SACOG Board of Directors.

TERM OF THE  
COMMITTEE:

The term of the committee will conclude when the study report has been completed (estimated time of completion is June 1988).

MEETINGS:

The Metro Study TAC will hold regularly scheduled meetings, the time and place to be set by the members; special meetings may be called as needed. All meetings of the Metro Study TAC will be open to the public and governed by Roberts Rules of Order. Actions by the Metro Study TAC will be decided by an affirmative vote of the members in attendance.