MEETING NOTICE AND AGENDA

SANDAG MODEL PEER REVIEW PANEL

Thursday, June 23 and Friday, June 24, 2005

SANDAG, 8th Floor Conference Room
401 B Street, Suite 800
San Diego, CA 92101-4231

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SANDAG MODEL PEER REVIEW PANEL

THURSDAY, JUNE 23, 2005
GENERAL INFORMATION

8 a.m. Welcome and Introductions
Eric Pahlke, Chief Deputy Executive Director: SANDAG transportation issues

8:15 a.m. Peer Review Overview
Ken Cervenka, Panel Moderator: Direction for the peer review process

8:30 a.m. Overview of Modeling Process
Bill McFarlane: Transportation modeling framework, general modeling issues, travel indicator forecasts

9:30 a.m. Service Bureau Program
Mike Calandra: SANDAG’s program for providing modeling assistance to outside agencies and consultants

9:45 a.m. Break

MODEL INPUTS

10 a.m. Surveys and Validation Data
Bill McFarlane: SANDAG’S data collection program
Panel Issues: Data deficiencies, sample sizes, resource allocation, resource commitment

10:30 a.m. Highway Networks
Zijing Ouyang: Network editing procedures, travel time and capacity computations, speed validation
Panel Issues: Highway capacity procedures, speed validation

11 a.m. Transit Networks
Tom King: Network editing procedures, travel time computations, transit access procedures
Panel Issues: Coding BRT service, use of walk access networks
THURSDAY, JUNE 23, 2005

GENERAL INFORMATION

11:30 a.m.  Growth Forecasting Process
Jeff Tayman: Land use inputs and models used to produce regionwide and small area growth forecasts
Panel Issues: Near term vs. long term improvements

Noon  Break for Lunch

MODEL COMPONENTS/NEAR TERM IMPROVEMENTS

1 p.m.  Trip Generation
Bill McFarlane: Trip purposes, trip rates, regional control totals, model validation, planned improvements
Panel Issues: Additional household/person variables, trip purpose definitions; work trips by income level, commercial vehicle trips

1:30 p.m.  Trip Distribution
Bill McFarlane: Gravity model impedances, feedback loops, validation results
Panel Issues: Destination choice models, log-sum measures, commercial-vehicle distribution

2 p.m.  Mode Choice
Bill McFarlane: Transit modes, purposes, market segmentation, modal constants, validation results
Bill Davidson: Current mode choice model improvement project
Panel Issues: All of the above, forecasting ridership for improved transit systems

3 p.m.  Break

3:15 p.m.  Highway/Transit Assignment
Ziying Ouyang: Current highway and transit assignment procedures, validation results, post-processing, interactive mapping tool
Panel Issues: Additional time periods, time-of-day procedures, managed-lane procedures

4 p.m.  Emissions Modeling
Limeng Yu: California Air Resources Board’s EMFAC model for calculating emissions and fuel consumption
4:15 p.m.    **Outside User Input**  
Opportunity for SANDAG committee members and outside users to express concerns and issues

5 pm.    **Preliminary Panel Deliberations (Closed session)**

7 p.m.    **Dinner at Downtown Restaurant**
FRIDAY, JUNE 24, 2005
GENERAL INFORMATION

8 a.m.  Traffic Simulation
Mike Calandra: Pilot study to link travel model forecasts with CUBE’s Dynasim traffic simulation software
Panel Issues: Experiences in other areas with traffic simulation software

8:30 a.m.  Long Term Improvements
Bill McFarlane: Framework for moving to more advanced urban simulation and activity/tour-based micro-simulation models
Panel Issues: Time frame, budgeting concerns, evaluation methodology, general work plan

11 a.m.  Final Panel Deliberations (Closed Session)

1 p.m.  Presentation of Findings and Recommendations

2 p.m.  Discussion of Findings

3 p.m.  Adjourn