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MEETING NOTICE AND AGENDA

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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

Staff Contact: Bill McFarlane
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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**
Ziying 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, feed-back 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**