

## 8 Overview of Current Research Efforts

### 8.7 Miscellaneous Data Collection Efforts in the South Coast Air Basin Supporting Weekday/Weekend Analysis

#### 8.7.1 Summary of projects

**Project 1 - CalTrans Statewide Travel Survey.** CalTrans is conducting a travel survey of 16,500 households (3000 in the Los Angeles area). Household, personal, and vehicular information are being collected. Detailed travel information being collected for one weekday at 14,500 households and for 2-day weekend pairs (i.e. Fri. - Sat. or Sun. - Mon.) at 2000 households. A GPS study is being conducted on a sub-sample of 500 households (none in the Los Angeles urban area).

**Project 2 - Southern California Association of Governments (SCAG) Regional Travel Survey.** SCAG is surveying 23,000 households in southern California. The survey is similar to CalTrans' with 1-day weekday surveys (20,000 households) and 2-day weekend pairs (3000 households). A GPS study will be conducted on a sub-sample of 500 households.

**Project 3 - CalTrans/ARB Modeling Program (CAMP).** This effort is collecting travel activity data (grouped by speed, road type, and level of service) across four metropolitan regions in California (including Los Angeles). After developing facility-specific driving cycles, some vehicles will "run through" the new driving cycles on dynamometers and facility-specific speed correction factors will be developed for use with EMFAC2000. Data collection efforts are focussed on light duty vehicles operating on weekdays.

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