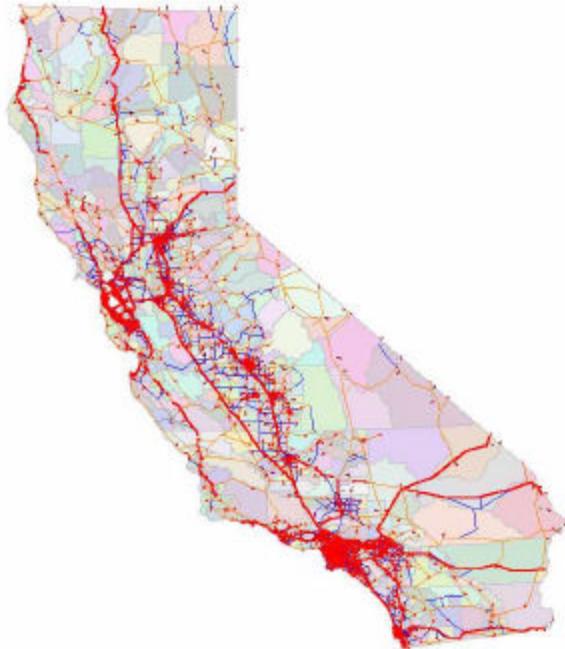




California Statewide Travel Model Overview

Introduction



- A 12 month project to develop a tool for evaluating statewide travel demand and inter-regional travel.
- Joint consultant and state employee training effort implemented through CMAS TP+/Viper software class

Model Objective #1



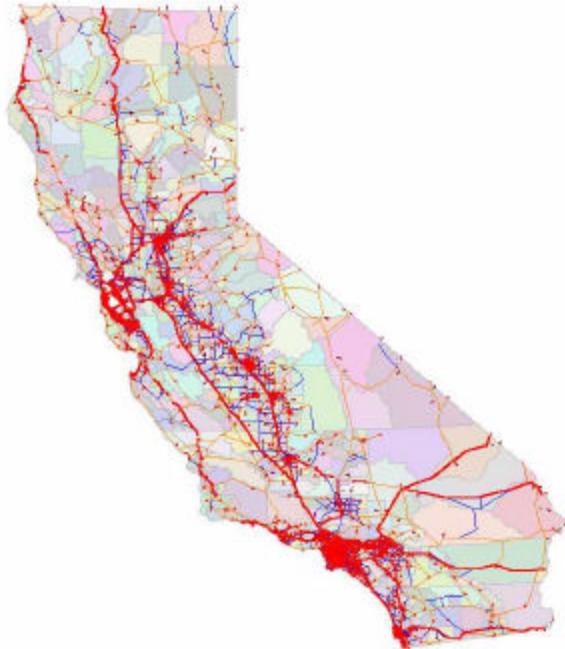
- **Provide estimates of growth in statewide travel demand that are sensitive to statewide demographic trends and different statewide transportation system investment options**

Model Objective #2



- **Provide estimates of growth in inter-regional travel on specific major routes that are sensitive to regional demographic trends and investment decisions on major interregional routes.**

Model Operators and Customers



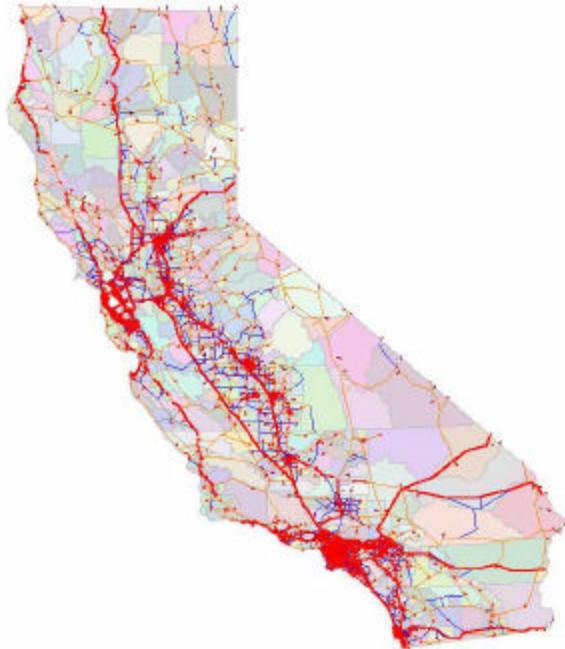
- Model Operators
 - Caltrans TSIP Staff
 - Caltrans District Staff
- Customers
 - Caltrans (TSIP and other divisions)
 - RTPA's (external OD)
 - Other State Agencies

Steps to Model Development



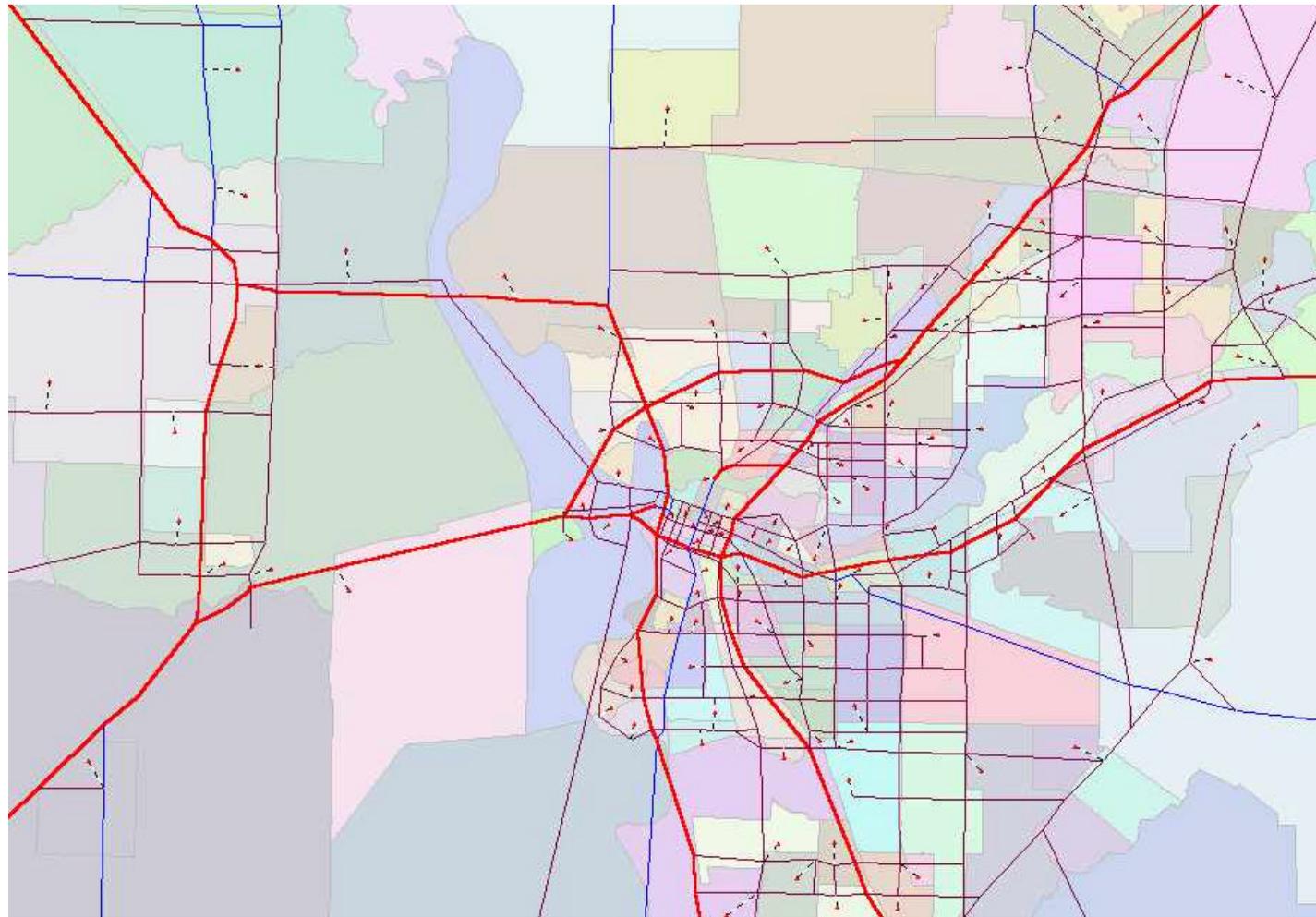
- Develop Blueprint (Feb.)
- Code Highway Network (Mar.)
- Code Transit Network (Apr.)
- Assemble Calibration Data (Apr.)
- Trip Gen, Dist, Mode Choice (May)
- Assignment (June)
- Validation (June-Nov)
- Application (Dec)

Highway Network



- State Highways, Major Locals
- Update 1995 STM network to 2000
 - ☞ Reconcile to functional class database
 - ☞ Import ITMS data
 - ☞ Update with local input from Districts (and RTPA's)
- Create future nets for 2010, 2020, 2030.

Sacramento Metro Area Example



SF-LA Corridor

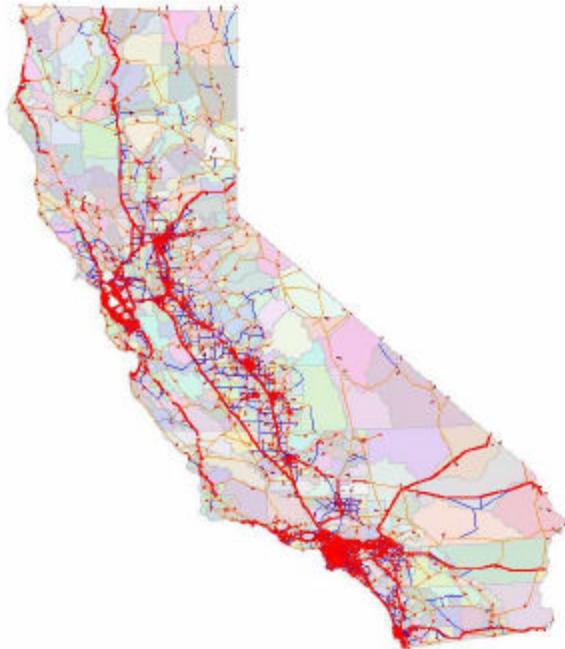


Transit Network



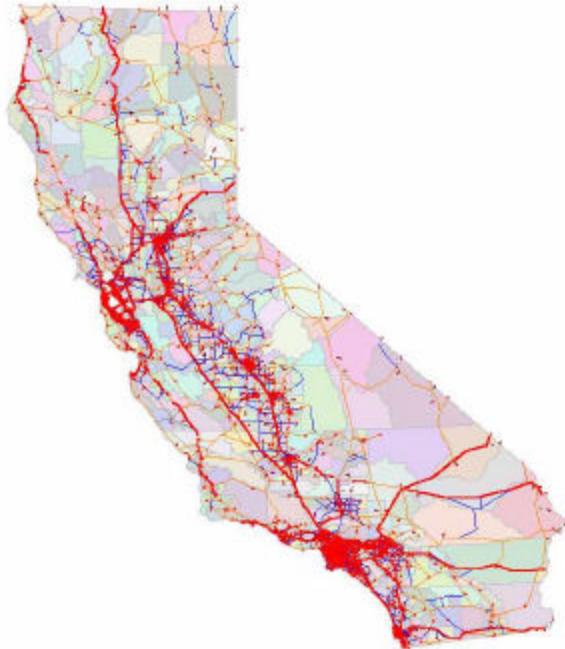
- Focus on Intercity Transit
 - Bus
 - Passenger Rail
 - Commercial Air
- Access Modes
 - Park & Ride, Kiss & Ride
 - Taxi
 - Rental Car
 - Shuttles and Local Transit

Calibration Data



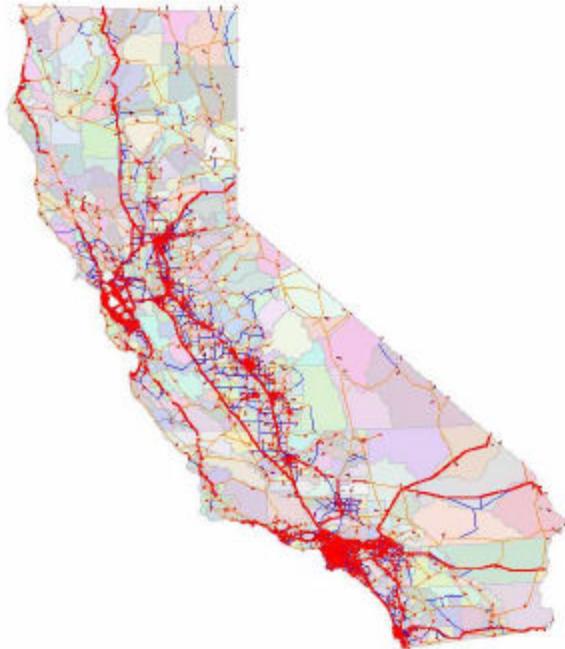
- Long Distance Trips
 - Statewide Household Survey
 - NPTS
 - Intercity highway counts
 - Intercity transit patronage data
- Metro Area Trips
 - RTPA Models
 - RTPA household surveys

Trip Generation



- Intercity Trip Purposes
 - Home-Based Work
 - Home-Based Business
 - Home-Based Recreation
 - Home-Based Other
 - Non-Home Based
- Intra-city Trip Purposes
 - Home-Based Work
 - Home-Based Other
 - Non-Home Based

Forecasts



- State Department of Finance
 - ☞ Demographic Research Unit Forecasts
- State Transportation Plan(s)
 - ☞ California Transportation Plan
 - ☞ State Highway Operation and Protection Program (SHOPP)
 - ☞ Inter-regional Strategic Plan (ISP)
- Regional Transportation Plans

The “Long-Term” Picture

