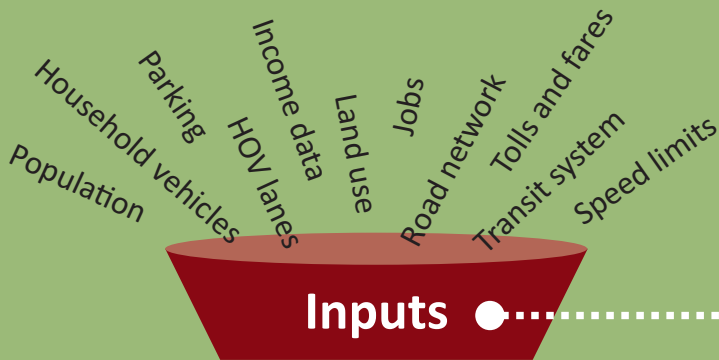


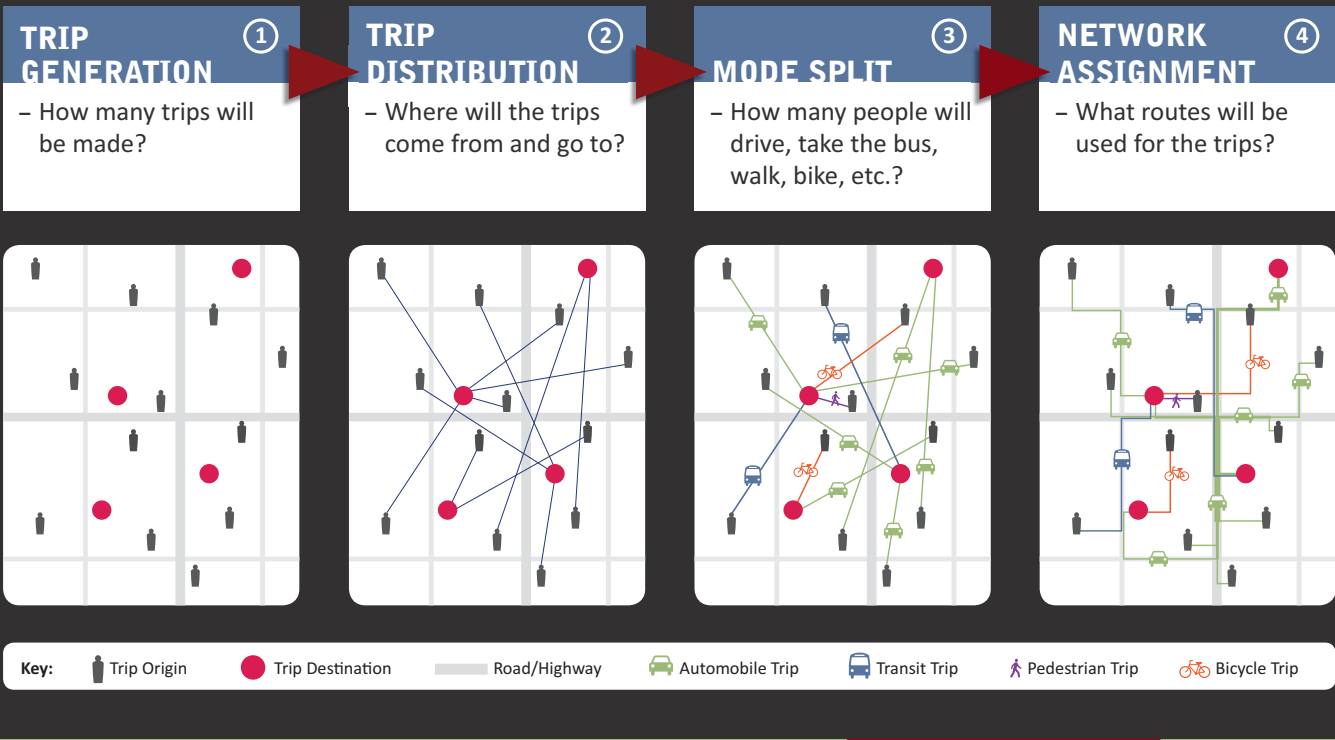
Regional Travel Demand Model

The Regional Travel Demand Model is a computer software package that replicates our regional transportation system



SMTC's model is a "Four Step Model" that takes inputs such as population and economic forecasts, the geographic dispersion of people and jobs throughout the region, and a description of the transportation system – the roads and transit system.

Regional Travel Demand Model



Outputs

- Number of transit riders
- Number of vehicles
- Travel time
- Number of trips
- Congestion and delay
- Number of miles traveled

The model outputs, to be used in impact analyses to evaluate transportation system alternatives, include the amount of travel, the performance of the transportation system, and mode usage.