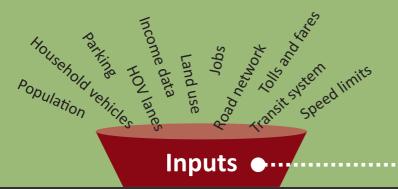
## Regional Travel Demand Model

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 NETWORK TRIP TRIP** ASSIGNMENT - How many trips will - Where will the trips - How many people will - What routes will be be made? come from and go to? drive, take the bus, used for the trips? walk, bike, etc.? Trip Origin Transit Trip Key: Trip Destination Road/Highway Automobile Trip ♠ Pedestrian Trip Bicycle Trip

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.

Outputs

Wumber of transit riders whiches who