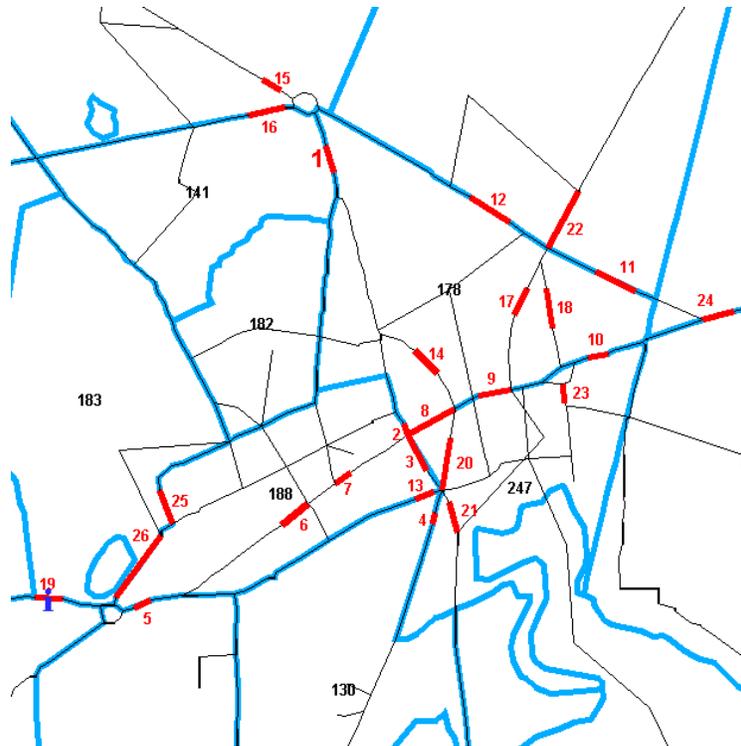


Barnstable Growth Management Barnstable, MA

Duration: 2001-2002
Project Fee: \$100,000
Firm Fee: \$15,000
Role: Sub-consultant



As a sub-consultant, TrafInfo was responsible for the transportation modeling using the Cape Code Commission's TransCAD regional model. The Barnstable Growth Management study involved a detailed assessment of the area's land use, and the implications of a proposed Growth Incentive Zone (GIZ) plan covering the Downtown Hyannis within the Town of Barnstable.

In order to evaluate the various land use scenarios envisioned by the GIZ, several key intersections had been selected for analysis. The TransCAD regional model was used to estimate the change in travel patterns at each of the key intersections based upon changes in land use. The trip generation information, developed off-model using empirical rates were then input into the model. The changes in trip generation from the base year to the future year were used to project the trip table to the future year.

The TransCAD model was then executed to perform "select link analysis" at several critical links. The resulting trip tables from the select link analysis were summarized into two components – local traffic and through traffic. This information was subsequently utilized to assess changes in the traffic patterns at each intersections.