

Services Provided: Provided traffic forecasting and economic analysis for the Niagara Falls Bridge Commission.

Description of Project:

TEMS staff was responsible for developing traffic forecasts for the Niagara Falls Bridge Commission to assess the requirement for a new bridge. The study used origin-destination data generated by screen lines established on the existing bridges, together with data provided by Niagara local authorities on both sides of the Niagara River.



A series of generation distribution, modal split, and route choice models were developed and used to estimate future levels of bridge traffic under various economic scenarios. The base year calibration, which incorporated interstate and urban highway networks on both sides of the Niagara River, gave a close representation of traffic flows at both the regional and local levels. A toll analysis was completed to evaluate overall toll pricing policy.

Project Start Date

June 1989

Similar Issues

Ridership and Revenue Forecasting
Economic Analysis