

Major Corridor Investment Benefit Management System



Client

Facts

Period

1999

Project Country

Kaliski, J., S. Smith, S. and G. Weisbrod (1999). Major Corridor Investment Benefit Management System, Transportation Research Record, #1732.

The major corridor investment-benefit analysis system recently developed for the Indiana Department of Transportation (INDOT) is discussed. The purpose of the system is to provide an analytical tool for use by INDOT in evaluating and comparing the impacts of major corridor highway investments in the state. The system combines a statewide travel demand model, a user benefit-cost analysis model, and a regional econometric model. The conceptual approach behind the model is described, and the results from an application of the model to analyze the transportation and economic impacts of the upgrade of US-31 between Indianapolis and South Bend, Indiana, to Interstate level of service is presented. Issues addressed by the model include the impact of travel time savings and other user benefits on business users of the highway, as well as the potential for the study corridor to attract new businesses or tourists as a result of improved access to markets.

Contact Persons