## Tri-State II High-Speed Rail Feasibility Study

**Services Provided:** The study assessed the growing need for high-speed rail service in the Tri-State Corridor. TEMS provided policymakers with information needed to make optimal route/technology decisions, including demand forecasting, economic/ engineering/freight analyses, financial and institutional arrangements, and a realistic timetable for successful implementation.

**Description of Project:** TEMS evaluated the potential for various high-speed rail options in the Chicago-Milwaukee-Minneapolis/St. Paul corridor. The study considered incremental improvements from one speed threshold to another for five- to fifteen-year planning and implementation.

This highly interactive study explored the interaction between various routes and technologies under consideration. TEMS used its *LOCOMOTION*© model to calculate operating times for each route/technology option. The well-validated *COMPASS*© demand forecasting system projected ridership and revenue for each option using forecasts based on travel characteristics, survey findings and demographics. The study also estimated capital and operating costs and identified the optimum trade-off between capital investment and operating speed.

**Project Start Date**
January 1998

**Similar Issues**
Ridership and Revenue Forecasting
Economic/Financial Analysis
Engineering/Freight Traffic
Operations Planning