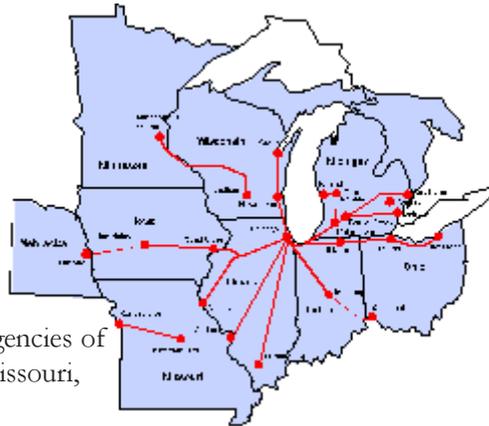


## AMTRAK, FRA, AND NINE MIDWEST STATES: MIDWEST REGIONAL RAIL INITIATIVE (MWRRI): STATION ANALYSIS

**Services Provided:** Operations analysis, engineering assessment, financial planning, market and economic assessment.

**Description of Project:** The Midwest Regional Rail Initiative (MWRRI) is an ongoing effort to develop an improved and expanded passenger rail system in the Midwest. The program is sponsored by Amtrak, the Federal Railroad Administration, and the transportation agencies of nine states: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Nebraska, Ohio, and Wisconsin.



TEMS leads the consultant team for MWRRI and is responsible for providing ridership and revenue forecasts, operations planning, financial and economic analysis, institutional arrangements, implementation and business planning, and directing the work of the other members of the consultant team, including Paine Webber, Inc., for review of the financial analysis and Quandel & Associates, for assessment of the infrastructure requirements.

The study identifies the public's likely response to improvements in frequency, accessibility, and speed of service; connections among services in Chicago; and amenities such as enhanced station and on-board services (food, communications, baggage service, etc.) using stated preference survey techniques.

TEMS' *TRACKMAN*® and *LOCOMOTION*® Models are being employed to quantify ranges of potential track infrastructure and train technology improvements and their impacts on timetables, operating costs, and capital expenses. *COMPASS*® was calibrated and applied to determine passenger forecasts and associated revenues.

TEMS developed significant information on the development potential for stations in the Midwest through on-site visits and discussions with local officials and developers for 70 of the 100 Midwest stations. The remaining stations were classified as to development potential based on the economic principles established in the Great American Station Foundation study, as refined through the specific Midwest examples for similar situations and population.

### **Project Start Date**

April 1997

### **Similar Issues**

- High Speed Rail Analysis
- Cost/Benefit Analysis
- Financial Planning
- Multi-modal Integration