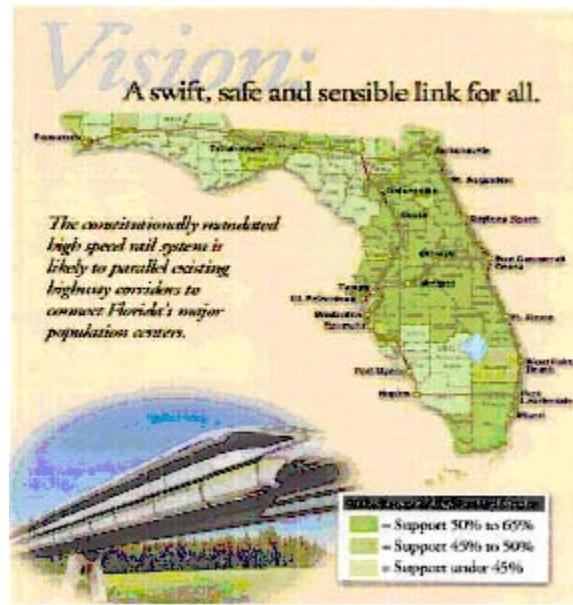


**Services Provided:** TEMS is providing system planning level analyses including ridership and revenue forecasts, operations planning, and financial and economic analysis. TEMS' analysis will serve as the basis for the evaluation of high-speed rail in Florida by the state legislature and the governor.

**Description of Project:** TEMS evaluated the potential for implementing a high-speed rail service in the state of Florida. The study focused on Phase I of the system, which is proposed to connect St. Petersburg with Orlando. The future extension of the service to Miami (Phase II) was examined at a lesser level of detail. TEMS provided ridership and revenue projections, as well as operating and maintenance estimates for four different technologies and nine route alternatives. TEMS also completed the financial and economic analyses and assessment of the feasibility of the system.



TEMS' approach to the development of ridership and revenue forecasts involves the use of a range of software tools and databases. TEMS' COMPASS-R® model was used for forecasting the corridor ridership and revenue, and the TEMS' LOCOMOTION® and TRACKMAN® models were applied to develop the engineering and operating plan for the proposed corridor. TEMS' RENTS® model was used to estimate financial and economic returns.

**Budget and Schedule Performance:** The study was executed within budget and on time. Investment-grade level ridership study is anticipated to start in the beginning of year 2002.

**Project Start Date**

September 2001