

NEW JERSEY DEPARTMENT OF TRANSPORTATION:
ASSESSMENT OF THE PROPOSED BERGEN COUNTY LIGHT RAIL LINE

Services Provided: Ridership and revenue forecast and socioeconomic analysis of proposed LRT to secure major planning and preliminary engineering contract from New Jersey Department of Transportation.



Description of Project: TEMS examined prior ridership and revenue forecasts and assumptions used in forecasting Bergen County LRT ridership in order to submit a grant proposal to the New Jersey DOT for advanced planning funds. TEMS revisited the issue of ridership and revenue forecasts to undertake a broader assessment of ridership potential. TEMS examined and incorporated into the revised estimate opportunities for intermodal connectivity with other existing or planned transit systems. Potential for mode shift from bus to rail and from auto to rail, synergies that might influence intra-state travel in New Jersey, and interstate travel between New Jersey and New York are incorporated into the revised ridership estimate. The results of the ridership and revenue generation are discussed and compared to the prior demand forecast.

In addition, TEMS benchmarked eight light rail systems operating in North America. Similar demographic, socioeconomic factors, and measures of performance for the proposed Bergen Light Rail Line were then defined and compared to the eight benchmarked light rail systems.

Budget and Schedule Performance: The project was an initial phase in the preparation of a proposal that will lead into a multi-million dollar planning and preliminary engineering study to be funded by NJ DOT. TEMS carried out its work program within time and budget. The results of this work have supported the development of the financing structures and sources for the private consortium's on-going work.

Project Start Date

January 1994

Similar Issues

Ridership/Revenue Forecasting
Cost/Benefit Analysis