Project Title: C-06-28: Economic Competitiveness Performance Measures for Transportation

PIN: R020.88.881
Responsible Unit: Policy and Strategy Division, Office of Policy and Performance
Project Manager: Sonin, Keith

Project Goal:
Develop two annual, statewide, multi-modal, easily understood Key Performance Indicators (KPI’s) that NYSDOT can use to measure the State transportation system’s contribution to Economic Sustainability. The KPI’s must be significant and meaningful to Department customers. They must be important measures at a fundamental level and easily understood by non-professionals. The proposed KPI’s should be pragmatic in terms of the ability to gather actual data within at most two years at a reasonable cost. The project must develop the methodology to obtain these KPI’s on a continuous, annual basis at a reasonable cost.

Actions Proposed:
The project shall investigate state-of-the-practice performance measures of the transportation system’s effects on statewide economics, analyze their shortcomings, and generate new, innovative measures based on this analysis. The investigation should: focus on macro, state/system wide level measures; analyze the impact of transportation investments; and describe their effects from a macro level perspective on the customers of New York State’s transportation system. Most importantly, the project should develop new measures that assess how all transportation policies, considering all modes, have affected macro level outcome measures such as statewide employment, income gains, and costs to customers. The central thrust of the project is to develop a measure that is easily understood by the general public and by the State legislature. The project should take note of the considerable amount of arduous, in-depth research, and subsequent debate that has taken place on this topic, but recognize that it has not yet led to adequate indicators of transportation performance of economic sustainability.

Anticipated Work Products and Accomplishments:
• A short list (5 measures) of proposed annual, statewide, multi-modal, easily understood Economic Sustainability KPI’s
• A brief summary (maximum 20 pages; 4 pages per proposed KPI) of each individual proposed KPI detailing:
  1) How the KPI will be pertinent in terms of assessing the achievement of the transportation system’s economic sustainability goals
  2) The specific costs and resources necessary to obtain the data for the KPI
  3) A pragmatic, attainable collection methodology to obtain the data for the KPI
  4) An estimated timeframe to obtain the data for the KPI

The project should develop measures based on attainable real data; measures based on projections developed through modeling are not acceptable.

Proposed Budget: $100,000