Project Title: C-08-29: Reducing Vehicle Miles Traveled Though Smart Land-Use Design
PIN: R021.26.881
Responsible Unit: Engineering Division, Office of Technical Services
Project Manager: Frederick, Gary

Project Goal:
Smarter land use will result in shortened trips; reducing vehicle miles traveled (VMT) and increasing the feasibility of other alternatives. As a secondary result, there is the potential for a reduced need for transportation infrastructure. Additional goals include improved quality of life and better utilization of open space.

Actions Proposed:
The project team will identify the most appropriate methods for reflecting the benefits of smart growth in travel demand forecasting practice. Using a case study from the Greater Buffalo/Niagara metropolitan area, they will then demonstrate how these methods can then be best implemented. Finally, they will develop a decision support system that will capitalize on the increased sensitivity of demand forecasting models to optimally design the land use so as to reduce VMT.

Anticipated Work Products and Accomplishments:
• Comprehensive Literature Review
  Evaluation of Current Tools and Methodologies
• Modeling Approach Case Study
• Decision Support System Development
• Monthly Progress reports and a Final Report

Proposed Budget: $75,000