Project Title: C-08-06: Statewide Traffic Video Network
PIN: R021.11.881
Responsible Unit: Operations Division, Office of Traffic Safety and Mobility
Project Manager: Roberts, Ed

Project Goal:
To improve the quality and quantity of real-time traffic information to NYS motorists and thereby:
• Reduce congestion by allocating vehicles more efficiently across the highway network (reduce discretionary trips, smooth traffic flow)
• Reduce delay and travel time (through increased travel time reliability)
• Support decisions to switch from highway to transit
• Support decisions to switch from SOV to HOV travel
• The cumulative effect of changes in individual travel behavior will then have a positive impact on key environmental quality and energy reduction goals by:
  • Reduce greenhouse gas emissions by reducing the number of vehicles in congested roadway conditions; overall trip reduction; increased transit and HOV usage.
  • Improve fuel efficiency through more efficient travel behavior

Actions Proposed:
To develop and implement a statewide digital video network that will utilize the existing analog NYSDOT traffic cameras to support improved information delivery to the public through the Internet. This approach will provide motorists with real-time information on traffic and road conditions leading to more efficient use of the highway system through more informed travel decisions on where, when and how to travel.

Anticipated Work Products and Accomplishments:
• Evaluate current NYS CCTV architecture
• Design a Video Upload System for each Traffic Management Center
• Purchase, Install and Commission new equipment
• Complete a One-Year Operational Test
• Expand Access to Local and National Media Partners
• Final Report

Proposed Budget: $220,000