**STAGE 2 PROJECT SUMMARY: NEAR-TERM VEHICLE INSPECTION STATION ON SOUTHBOUND NORTHWAY NEAR US/CANADA BORDER**

**PROJECT GOAL**
The goal of this project, which involves the deployment of New York's first comprehensive Commercial Vehicle Information System and Networks (CVISN) electronic screening system, is to improve the inspection of commercial vehicles traveling southbound along the I-87 corridor from the US/Canada border. Quick implementation of this type of facility would provide the State with advanced inspection services at a fixed location while a permanent, more strategically located truck inspection station is developed just south of the Canadian border, adjacent to the Port of Excellence.

**EXISTING PROGRAMS**
New York State completed implementation of CVISN Level 1 in 2004 and introduced the One-Stop Credentialing and Registration (OSCAR) system at the Schodack Rest Area on I-90 westbound.

**PROPOSED PROJECT COMPONENTS**
- Implementation of the CVISN electronic screening system at the High Peaks Rest Area between Exits 31 and 30 in Essex County
- Implementation of Weight-in-Motion (WIM), roadside transponders-readers, and database technology to evaluate driver credentials or commercial vehicle information
- Variable Message Signs (VMS) to instruct drivers of an active inspection ahead, including bilingual text messaging
- “Virtual WIM” system located along southbound Route 9 in proximity to the High Peaks Rest Area to detect commercial vehicle potentially bypassing the inspection station.

**RELATION TO SHORT-/LONG-TERM PLAN**
This enhanced freight management systems is consistent with the Smart Freight, Smart/Safe Traveler, and Smart Highway goals of the corridor's overall Strategic Plan.

**REGULATORY REQUIREMENTS, AGENCY COORDINATION**
Electronic screening utilizes Dedicated Short Range Communications (DSRC) technology, which currently shares its frequency with other devices such as wireless telephones, electronic toll payment systems, and military radio-location systems. Federal law requires that DSRC applications do not interfere with military uses, and DSRC systems require a Federal Communications Commission (FCC) license to operate. Because the site is located within the Adirondack Park, the specification and placement of VMS would need to be coordinated with the Adirondack Park Agency (APA).

**ESTIMATED COST**
Capital costs would be approximately $600,000. Various Federal ITS, Motor Carrier Safety and Trade Corridor programs could provide the necessary funding for this project, which is fully consistent with Federal CVO initiatives.