TRANSPORTATION INCIDENT MANAGEMENT

Integrated multimodal transportation management is a cornerstone of efforts by the New York State Department to operate and to manage the transportation network at peak efficiency. Intelligent Transportation Systems provide critical technology-based tools that enable this effort. Key elements of this statewide program are:

- 10 Transportation Management Centers (TMCs) with systems including more than:
  - 600 miles of managed freeways,
  - 400 Closed-circuit television cameras (CCTVs)
  - 800 central controlled traffic signals
  - 1,000 freeway detector stations
  - 300 Variable Message Signs (VMS)

- A motorist assist patrol program called the Highway Emergency Local Patrol (HELP), covering more than 700 miles of highway

- Strong partnerships with key operational entities, including:
  - New York State Police, New York City Police Department, New York State Thruway Authority, New York City Department of Transportation and Monroe County
  - Co-location with partners and/or regional operational control at 6 TMCs
  - Pro-active participation in TRANSCOM (NY/NJ/CT area) and NITTEC (Buffalo/Niagara area) operational coalitions

- 80 directional miles of High-Occupancy Vehicle (HOV) lane, including a CleanPass program that allows clean, high-efficiency vehicles access to the HOV lane

- A Vehicle Infrastructure Integration (VII) test bed covering more than 40 miles of freeway and arterial corridor in New York City and Long Island

Multimodal travel in the NYC metropolitan area is reliant on the transportation networks of New York, New Jersey and Connecticut. Integrating seamless transportation management across state and agency lines presents a special challenge in this complex environment. Significant progress has been made in developing the organizational and technical coordination required to address this need, including:

- The establishment of Joint Transportation Management Center in NYC in which NYSDOT, NYPD and NYCDOT are co-located and integrate transportation operations and management.

- The deployment of the Integrated Incident Management System that enhances the communication of critical data among incident and emergency managers at operations centers and responder personnel at the incident scene.

- The establishment of TRANSCOM, a coalition of transportation and public safety agencies from the three states. Key TRANSCOM elements include:
  - The TRANSCOM Operations Information Center through which agencies coordinate response to incidents and events of regional impact
  - The Inter-agency Remote Video Network through which agencies share access to more than 300 CCTV throughout the area
  - The Transmit System using EZ-Pass toll tag technology to provide speed and travel time on more than 1,000 miles of highway
  - The Regional Architecture System that provides for real-time exchange of operational and event information and includes an integrated database that is a foundation for 511 NY
  - The TRIPS 123 system that delivers real-time and static information on downstate transportation travel status and options, including a multiagency transit trip planner