Niagara International Transportation Technology Coalition

State of the Practice in Western New York/ Southern Ontario
NITTEC Coalition

- Established in 1995 with a Federal Mobility Grant
- Regional Collaboration and Leadership
  - Technology Deployment
  - Operations
  - Incident Management
  - Traveler & Traffic Information
- Multi-Agency Transportation Operations Coalition
  - 5 Policy Members, 9 General Members, 28 Affiliate Members
    - Transportation Agencies
    - Public Safety and Border Enforcement
    - Emergency Services and Recovery
  - Only Bi-national Coalition of its kind in U.S. / Canada
NITTEC Mission

To improve mobility, reliability and safety on the regional bi-national multimodal transportation network through information sharing and coordinated management of operations.
NITTEC Region-Southern Ontario/Western NY
## NITTEC Membership

### Policy Members

- [NFTA](#)
- [Ontario](#)

### General Members

- [Niagara Parks](#)
- [Fort Erie](#)
- [Niagara Region](#)

### Affiliate Members

- [Niagara Falls Police](#)
- [Niagara Falls Fire](#)
- [AMR](#)
NITTEC Leadership

- Board of Directors
  - Overall policy and governance
- Committees
  - Border Crossing
  - Construction Coordination
  - Strategic Planning
  - Traffic Operations Center
  - Technology and Systems
  - Incident Management
    - Western New York
    - Ontario
  - Regional Traffic Signal
Regional Operation Functions

- Multi-agency Collaboration
- Traveler Information
- Border Traffic Management
- Emergency Management
- Incident Management
- Construction Coordination
- Traffic and Congestion Management
- Weather System Monitoring
- Special Event Planning and Management
- Transportation System Monitoring
- Performance Measures Reporting
Regional Collaboration – Traffic Management

- Centralized 24/7 operations and traffic management services for bi-national region
- Information Clearinghouse
- Standardized Operations
- Multi-Agency Event Planning and Operations
- Multi-Agency ITS Deployment
- Regional Messaging Standards
- Traffic Management Plans
Incident Management

- Regional Incident Management Committees – WNY & Ontario
- Monthly Meetings & Incident Debriefing
- Response Protocol Agreements
- Standardized Facility Incident Markings
- Education and Training
- Relationships
- Promotion of National Unified Goal for Incident Management
Construction Coordination

- Regional coordination of all contracts
- Include maintenance and utility operations
- Coordination of future programming for regional mobility
- Identification of planned special events and peak volume implications
- Incident Management impacts
Border Crossing Collaboration

- Border Crossing Committee
- Participation by Transportation agencies, bridge operators and border enforcement agencies
- Border Crossing Traffic Management Plans
- Standardized border wait times
- Standardized DMS Messaging
- Joint Press Releases and public information campaigns
Regional Collaboration – ITS

- Multi-Agency ITS Elements in use at NITTEC
  - NYSDOT Region 5
  - NYSTA Buffalo Division
  - Peace Bridge Authority
  - Niagara Falls Bridge Commission
  - Ministry of Transportation Ontario

- Crossroads System - ATMS
  - Intelligent Freeway Traffic Management System
  - Monitors & Displays Highway Events & Incidents
  - Activates ITS Elements in Region
Traveler Information

- Dynamic Message Signs in US & CA
  - Incident Information
  - Travel Times
- NITTEC Website
- NITTEC App
- MYNITTEC Subscriber System
- Highway Advisory Radio
- 511
- 1-800 Bridge Conditions Phone Service
  - 1-800-715-6722
Traveler Information - MYNITTEC

- Real-time traveler information subscription system
- Provides real-time traveler information directly to users email and mobile devices
- Disseminates seamless information to the transportation system users across jurisdictions
- Allows users to customize the information they receive
Contact Information

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