

Niagara International Transportation Technology Coalition

Coalition Activities Improve Cross Border Mobility

Introduction

- NITTEC Overview
- Regional Cross Border Perspective
- Border Management Role
- Next Steps



NITTEC

Multi-Agency Transportation Operations Coalition

- Established in 1995 through Memorandum of Understanding
- 14 Member Agencies in Canada & U.S.
- 12 Affiliate Members
- Staff supported Council and Committees with leadership from Coalition members
- Centralized 24/7 operations and transportation management services for bi-national region



Regional Cross Border Perspective

- Bi-national Gateway
 - Key economic port for Canada-US trade
 - World renowned destination for tourists
 - Key Component of Regional Transportation Network
- Single Border Crossing Concept
 - View border crossing as regional corridor
 - Balancing traffic and capacity



Coalition's Border Management Role

- Regional Collaboration and Leadership
 - Border Crossing Collaboration
 - Border Crossing Operations
 - Traffic and Incident Management
 - Technology Deployment
 - Public Information and Education
 - Traveler Information



Border Crossing Collaboration

- Border Crossing Committee
- Participation by Transportation agencies, bridge operators and enforcement agencies
- Standardized border wait times
- Standardized DMS Messaging
- Joint Press Releases and public information campaigns



Border Crossing Operations

- Coalition TMC acts as information clearinghouse for all border related traveler and traffic information
- Border enforcement resource management
- Event planning and review
- Construction planning



Border Related Traffic and Incident Management

- Ontario and WNY Incident Management Committees
- Coordination with local and border enforcement and public safety agencies
- Border Crossing Traffic Management Plans
- Staging areas and truck management
- Queue end management



Technology Deployment

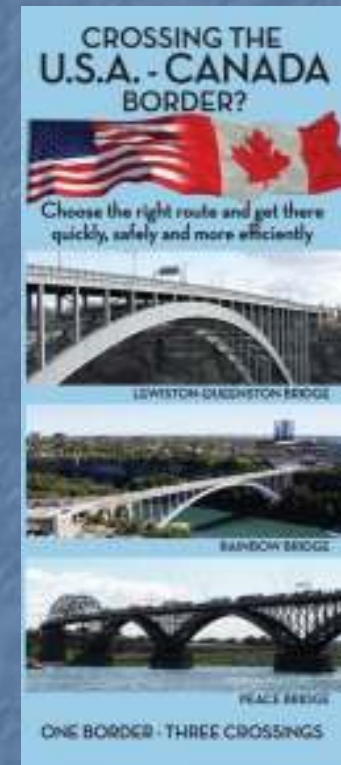
- TRANSMIT E-ZPass transponder based system deployed in US and Canada
- CCTV Incident detection technology to monitor queues and calculate wait times
- Bluetooth reader technology Pilot Project for travel time



Public Information and Education

Promote Single Border Crossing Concept

- Border Crossing Maps – Combat the Google Phenomena
- Live Traffic Display for real-time traffic data

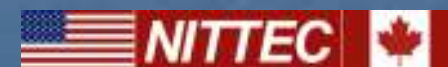


Traveler Information

- NITTEC, NFBC, CPB and CBSA web sites
- Mobile device access to CCTV images of crossings and approach facilities

The screenshot shows the NITTEC website homepage. At the top, there is a banner with the NITTEC logo and the text "Niagara International Transportation Technology Coalition" and "making the regional bi-national transportation system more safe and efficient...". Below the banner is a navigation menu with links: Home, Traffic Map & Cameras, Traveler Information, Member Agencies, and About Us. The main content area features a "CROSSROADS" section with the text "Crossroads Traffic Information System" and "Real-time maps and camera images of regional traffic conditions". There is also a "Mobile Device" section with the text "Access to Traffic Cameras" and "www.nittec.org/mobile". A "Traveler Advisories" section lists "Border Crossing" and "Regional Traffic" with details on delays. At the bottom, there is a "Member Agency Login" section with fields for username and password.

The screenshot shows the NITTEC Traffic Map & Cameras page. It features a large map of the Niagara region with various traffic conditions indicated by colors (green for normal, yellow for delays, red for severe delays). The map is titled "Traffic Map & Cameras" and includes a navigation menu at the top: Home, Traffic Map & Cameras, Traveler Information, Member Agencies, and About Us. On the right side, there is a sidebar with various options and filters. At the bottom, there are three small inset maps showing different views of the crossings: "Shearwater Bridge", "Rainbow Bridge", and "Lewiston-Queenston Bridge".



Traveler Information

- Dynamic Message Signs in US and Canada
- Highway Advisory Radio
- 1-800 Bridge Conditions Phone Service
- 511 (pending in NY)

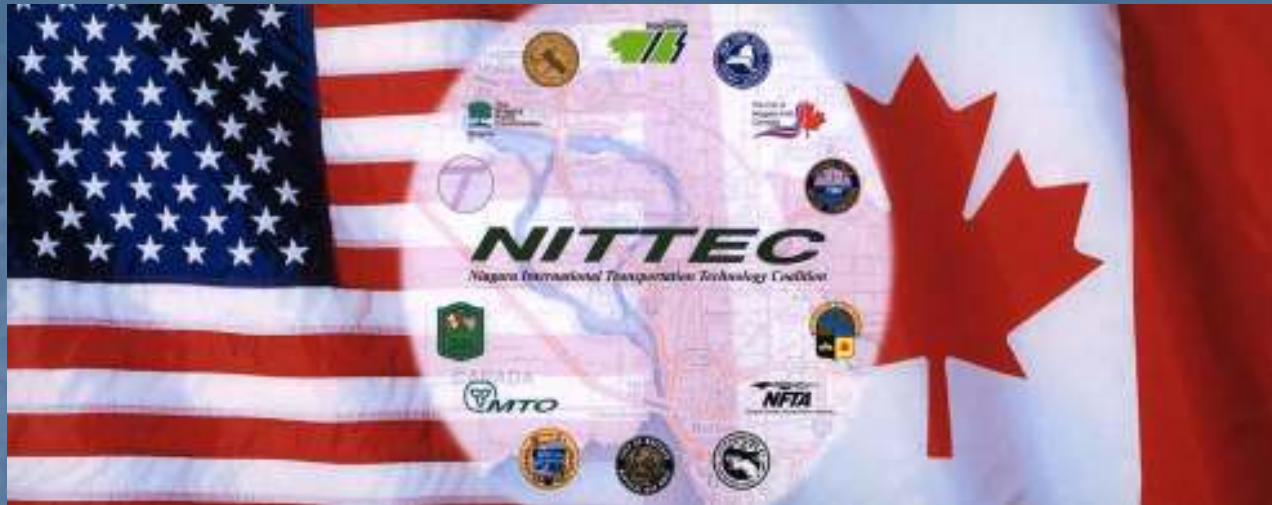


Next Steps - Integrated Corridor Management

ITS – Integrated Transportation Systems

- Institutional
 - Establish formal relationships between operational entities and stakeholders
- Operations
 - Coordination of operations to engage alternative modes and facilities
- Technology
 - Integration of systems for data and traveler information





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