Niagara International Transportation Technology Coalition

2017
Ontario Transportation Expo
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 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, 29 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 Membership

- **Policy Members**
  - Ontario
  - Niagara Falls
  - NFTA

- **General Members**
  - Niagara Region
  - Fort Erie
  - Other logos

- **Affiliate Members**
  - Various logos

- Nittec: Travel Smart.
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 Signals
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
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
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 - NITTEC Website

The smarter way to travel.

Don't let traveling bring your life to a halt. Download the NITTEC app to get the latest traffic updates on your mobile device. The NITTEC app is now available at all of the major App stores.

NITTEC News Flash updated 10/18/2013 2:22pm

I-190 Northbound: Congestion from Exit 13 (Austin Street)!

Traffic Map | Cameras | Travel Advisories | MYNITTEC | Travel Resources | About Us

Cameras
Get a live look at major highways and bridges to make sure the path is clear before you hit the road.

Travel Advisories
This is the place to find the latest updates on accidents, construction, weather-related issues, and more.

MYNITTEC
MYNITTEC is a personalized alert system that sends you real-time traveler information through text messaging and email. You can customize your notifications by selecting specific expressways, as well as days and times that correspond with your travels.
Traveler Information - NITTEC Map Page

![Map Page Screenshot]

- Traffic Map
- Cameras
- Travel Advisories
- MYNITTEC
- Travel Resources
- About Us

Border Crossing: Real-Time Border Crossing Information (updated 12/5/2019 3:39pm)

1. Peace Bridge: 0-30 min
2. Rainbow Bridge: 30-60 min
3. Lewiston/Queenston Bridge: 1-2 hr

Crossing into U.S.A.
- Peace Bridge: 0-30 min
- Rainbow Bridge: 0-30 min
- Lewiston/Queenston Bridge: 0-30 min

Crossing into Canada
- Peace Bridge: 0-30 min
- Rainbow Bridge: 0-30 min
- Lewiston/Queenston Bridge: 0-30 min

Traffic Conditions:
- 45+ mph
- 26 - 45 mph
- 0 - 25 mph
- No Data

Map Features:
- Map View
- Traffic
- Incidents / Alerts
- Cameras
- Construction
- Dynamic Message Signs
- Arenas / Concerts

NITTEC News Flash: Updated 12/6/2013 9:39am
Traveler Information - Cameras
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
Traveler Information - NITTEC App
Traveler Information - NITTEC App
Social Media

20 years of collaborative travel information sharing

NITTEC
Niagara International Transportation Technology Coalition consists of 31 agencies whose goal is to improve regional and international transportation mobility.

微博: NITTEC

Tweets
- 2019 Southbound [Closed] Accident beyond Exit 15 (Shirland Drive), Left Lane Closed. Reported on December 23 at 1:15 PM.
- 2019 Southbound Accident beyond Exit 15 (Shirland Drive), Left Lane Closed. Reported at 12:25 pm.

Twitter Follow

New to Twitter? Sign up now to get your own personalized timeline.

Facebook Like

Buffalo Sabres
@BuffaloSabres

Get the Sabres post-game traffic report!
Download the NITTEC app or visit www.nittec.org for real-time travel information.

nittec.org

NITTEC Travel Smart.
Performance Measures

- Mobility
  - Travel Time Statistics by Corridor
  - Border Crossing Delay
- Incident Activity
- Traffic Operation Center Activity
- Website Statistics
- MYNITTEC Statistics
- Systems Reliability - ITS Elements
Technology Deployment

- TRANSMIT E-ZPass transponder based system deployed in US and Canada
- CCTV Coverage
- Detector based queue end warning systems
- Bluetooth reader technology for travel time
Border Crossing – 2016 Data

<table>
<thead>
<tr>
<th>Bridge</th>
<th>Canada Bound</th>
<th>US Bound</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lewiston-Queenston Bridge</td>
<td>97.8% 2.2% 0.2%</td>
<td>97.1% 2.9% 0.47% 0.03%</td>
</tr>
<tr>
<td>Peace Bridge</td>
<td>97.4% 2.6% 0.2%</td>
<td>98.3% 1.5% 0.2% 1.3%</td>
</tr>
<tr>
<td>Rainbow Bridge</td>
<td>97.2% 2.8% 0.5% 2.3%</td>
<td>98.9% 1.1% 0.2% 0.9%</td>
</tr>
</tbody>
</table>

Legend:
- No Delay
- 30-60 minutes
- 60-120 minutes
- 120+ minutes

Source: nittec

Travel Smart.
Border Crossing - Data

Number of Hours Reported By Month

Total Hours

Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep  Oct  Nov  Dec

2014  2015  2016
Border Crossing - Data

Number of Hours Reported
By Day

Total Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun</td>
<td>220</td>
<td>150</td>
<td>180</td>
</tr>
<tr>
<td>Mon</td>
<td>210</td>
<td>170</td>
<td>195</td>
</tr>
<tr>
<td>Tue</td>
<td>100</td>
<td>50</td>
<td>150</td>
</tr>
<tr>
<td>Wed</td>
<td>110</td>
<td>70</td>
<td>120</td>
</tr>
<tr>
<td>Thu</td>
<td>120</td>
<td>60</td>
<td>130</td>
</tr>
<tr>
<td>Fri</td>
<td>140</td>
<td>90</td>
<td>160</td>
</tr>
<tr>
<td>Sat</td>
<td>300</td>
<td>120</td>
<td>200</td>
</tr>
</tbody>
</table>
Border Crossing - Data

Total Hours of Reported Delay
By Time of Day

REGISTER YOUR TRIP & SAVE TIME CROSSING THE BORDER!

BORDERplanner

BUFFALO AND FORT ERIE
PUBLIC BRIDGE AUTHORITY
100 QUEEN STREET
FORT ERIE, ONTARIO L2A 3S6

BORDERPLANNER@GMAIL.COM

LOGIN   REGISTER

How It Works
Through the use of an online data portal, bus companies may submit trip information in order to better coordinate and adjust processing capacity at area border crossings.

User Benefits
By becoming a border planner participant, you can help alleviate bus and motor coach congestion at area bridges and save time for your bus company, bus drivers, and passengers at the border!

How To Register
Getting started is easy! All you have to do is complete a few simple enrollment steps and you will be on your way towards planning trips and alerting Customs of your bus company’s impending arrivals!

Learn More
Learn More
Learn More
What is BorderPlanner.com?

Helps to coordinate advanced port arrival data for charter buses, tours, and motor coaches traversing the Niagara region’s border crossings through an online portal service.

Participation in Border Planner is voluntary; though, it is highly encouraged!
This program is being administered by the Buffalo and Fort Erie Public Bridge Authority (PBA), Niagara Falls Bridge Commission (NFBC), and border services agencies in conjunction with the Ontario Motor Coach Association.
### Purpose and Goals of the Program

1. **Stagger the arrival** of buses at the border in order to reduce wait in the processing queue for each bus at the terminal.

2. **Notify customs** and bridge operators of arrivals to help prepare for bus volume and **adjust staffing levels** accordingly.

3. **Provide priority processing** service to those participating over non-participants when possible.
## Benefits to Bus Companies

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allows bus companies to provide priority service to their passengers.</td>
<td></td>
</tr>
<tr>
<td><strong>Competitive advantage over non-participants.</strong></td>
<td></td>
</tr>
<tr>
<td>Less wait at the border. One minute to book your timeslot online can</td>
<td>save up to an hour in waiting to be processed behind others at the border.</td>
</tr>
</tbody>
</table>
Where can I use Border Planner?

LEWISTON-QUEENSTON BRIDGE
Connecting Queenston, ON (HWY 405) with Lewiston, NY (I-190)
Where can I use Border Planner?

RAINBOW BRIDGE
Connecting Niagara Falls, ON (HWY 420) with Niagara Falls, NY
Where can I use Border Planner?

PEACE BRIDGE
Connecting Fort Erie, ON (QEW) with Buffalo, NY (I-190)
How to Register and Participate

1. Click on the REGISTER button

BORDERPLANNER@GMAIL.COM

How It Works
Through the use of an online data portal, bus companies may submit trip information.
How to Register and Participate

2. Fill in the appropriate fields, then click REGISTER

- Name of the bus company
- User Name
- Create an account password
- Email address to be used to receive booking confirmations
- Security feature to protect the site (Enter what you see or hear)
How do I use Border Planner?

1. Click on the LOGIN button
How do I use Border Planner?

2. Enter your account information and click **LOG IN**
How do I use Border Planner?

3. The main screen will then show these two buttons indicating that you are logged in.

BORDERPLANNER@GMAIL.COM

SIGN OUT  PROFILE

How It Works

Through the use of an online data portal, bus companies may submit trip information.
How to book an Appointment

Just simply click on the Bus Companies tab and select “Book a time”. Then just fill out each box with the proper information to the best of your knowledge.
How to book an Appointment?

Choose an available time slot from your border crossing of choice. Then click on “Submit Request”.
What happens after booking?

Print off the emailed booking confirmation and present to the officer when arriving at the border.
Put a Border Planner window placard in the bus window to notify all that your trip has been pre-registered.
Border Planner

E-MAIL CONTACT
borderplanner@gmail.com

OR

ON THE WEB
borderplanner.com
Questions

Contact Information

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