

ITS Canada Bylaw Amendments



RESULTS OF VOTING BY MEMBERS

By Michael Bailey, Member of ITS Canada's Board of Directors

Below are the results of the referendum to amend ITS Canada's bylaws.

The referendum closed on July 30. All three of the questions were supported by more than 2/3 of the membership, as required by the current bylaw.

In total, 511 ballots were cast by 151 members.

- Question 1 (Amend Article 7 to relocate the Corporate Headquarters from "North York" to "Toronto") was supported by 98.8 percent of ballots cast.
- Question 2 (Amend Article 41 to reduce the approval requirement for bylaw amendment from *2/3 of membership* to *50 percent + 1 members attending a duly constituted meeting of members or 50 percent + 1 of the membership in the case of an electronic ballot*) was supported by 91.8 percent of ballots cast.
- Question 3 (Amend Articles 10, 11 and 24 to facilitate the Board's recommended changes to the organization of the Board, election of Board members and election of the Chairman) was supported by 93.9 percent of ballots cast.

This clearly shows that all of the changes were broadly supported by the membership. The Society's use of the ElectionsOnline application was found to be both efficient and cost effective.

The next and final step in this process will be to seek Industry Canada approval of the bylaw amendments, as required by the Corporations Act.

The Society will also proceed to appoint an Election Committee to consider several logistical steps related to the 2009 Board of Directors election, and to start the planning process for that election.

We thank all members who took the time to participate in this historical vote.

Inside This Issue

Articles

- ITS Canada Bylaw Amendments ...page 1
- 511 in Canada ... p2
- 511 in the U.S. ... p3
 - ITS Opportunities ... p3
- Transit Event ... p4
 - ITS in York Region ... p4
 - ITS (UK) News ... p4
 - Traffic Signal Info Site ... p4

Features

- Members in the News ... p5
- News bITS ... p6
- Upcoming Events ... p7

**Newsletter published by
ITS Canada.**

**Submissions or comments can
be e-mailed to
itscanada@itscanada.ca.**



**Visit ITS Canada's website at
www.itscanada.ca**

511 in Canada Moves Ahead

SECOND CANADIAN INSTALLATION NOW OPERATIONAL IN THE YUKON ...

ALMOST 1 MILLION CANADIANS NOW HAVE ACCESS TO 511 IN NOVA SCOTIA AND THE YUKON



By Wally Hidinger, Government of Yukon

The road condition information system in Yukon was already in need of updating when the development of a 511 system for Canada began to be discussed. After the CRTC approved the use of 511 in July 2006, Yukon Highways and Public Works (HPW) decided to pursue a new condition reporting system. A steering committee was formed to oversee the project in November 2006. Committee members included three branches of the Transportation Division (Engineering, Maintenance, and Transport Services) to ensure reporting needs on the input and output sides were met. The technical project manager from the Information and Communications Technology Division of HPW also sat on the committee.

The local telephone and cellular services providers were notified of our intention to make use of the 511 dialing protocol in January 2007. Meetings to inform them of our schedule and the progress being made with implementation were held as the project developed, and they provided good cooperation in implementing the telephone-based aspects of the project throughout the course of the work. Also in January 2007, the project was approved under the Canada/Yukon ITS Deployment agreement administered by Transport Canada. The agreement provided 50 percent of the funding for the project and was crucial to the Yukon's ability to cover the cost of acquiring the system.

System requirements were identified in April and May 2007. A request for proposal package was written and made public through June and July 2007. In September 2007 the project work contract was awarded. The official completion date for the project work was March 31, 2008.

The major areas of work included developing a business process model, configuring a database to receive road condition information from locations throughout the Yukon, programming the database to output the road condition information in a format suitable for use on a website and by an integrated voice response telephone system, developing the website and programming the IVR system, and training field staff (maintenance supervisors from throughout the Yukon) and administrative staff on use of the system. All of this was accomplished by the originally specified completion data.

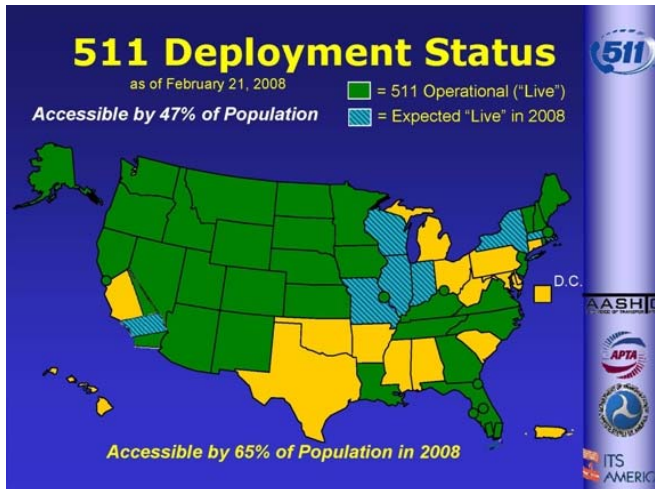
A "soft launch" of the system was done on April 1, 2008. Operational staff used the first three weeks of system availability to gain experience with the system, and to educate both administrative and field staff in its use. On April 25, an official launch was carried out.

The Minister of HPW hosted a press conference at which the system was demonstrated by showing the features and information available along with how to get access to both. The launch was well received, obtaining very positive reports in print and on radio and television coverage.

The system has been operating, trouble-free, since launch. Usage statistics are being tracked and show a good level of use by the public.

Several individuals made very large contributions to the successful completion of the project and deserve credit for their efforts. Lisa Badenhorst of the ICT Branch of HPW filled the role of technical project manager and ensured every aspect of the work was well done. The Transportation Maintenance Branch of HPW operates the system - Michael McArthur, Dan Profeit and Allan Baranyk of their staff were instrumental in completing the project.

511 in the United States



USAGE STATISTICS REPORTED FOR MAY 2008

The usage statistics for 511 telephone services in North America reported to the 511 Deployment Coalition are as follows:

- 2,380,004 total calls
- Over 112 million calls nationwide since inception
- Eight consecutive months with over 2 million calls
- 511 service was available to over 128 million Americans (47%) and almost 1 million Canadians (3%)
- There are forty-three 511 services available to the traveling public operating in 33 states and 2 Canadian provinces.

ITS Opportunities

MARYLAND

The state of Maryland will fund the initial stages of a multi-year, statewide communications project that will allow first responders from different jurisdictions to communicate with each other, through an interoperable 700MHz system. The winning contractor will have to make cost projections for both the initial phase as well as the statewide implementation. The Maryland Transportation Department, Transportation Authority and State Police will share the cost of funding the initial stages. A project management office is contemplated to oversee the effort, along with the creation of a statewide computer-aided dispatch and records management system, and a separate project that will connect various closed circuit television systems.

SOUTH AFRICA

The City of Johannesburg will soon issue a request for a tender worth up to 500 million Rand with regard to an e-ticketing solution for its Rea Vaya bus rapid transit (BRT) system. City BRT project manager Bob Stanway says the first phase of the project will cost R2.5 billion. Announcements of new tenders will be posted on the ITS South Africa website at www.itssa.org.

ABU DHABI

In the wake of the credit crisis, economies across most of the world face turbulent times. In direct contrast, the six nation Gulf Cooperation Council (GCC) is currently enjoying a period of sustained prosperity, with the joint economies benefiting from a boost of almost \$300 billion U.S. this year. "The six GCC members are enjoying a spectacular economic boom, one that we expect to continue over the medium term. The GCC economy is set to surge past \$1 trillion U.S. in nominal terms in 2008, marking a three-fold increase in only five years," the Saudi American Bank said in a recent study. As traffic accidents and congestion are seen to have a significant negative impact on the region's economies, governments are allocating unprecedented amounts on developing infrastructure and public transport networks. There are unprecedented opportunities for ITS solution providers to help the Arab countries protect their economic growth through the development of traffic and transport systems.



*ITS Canada Welcomes
New Members*

CORPORATE

Associated Engineering
Solotech Inc.
Ville de Montréal

Transit Event

TRANSIT WORKSHOP

Under the theme "Sustainable and Safe Transportation", the Quebec Workshop on Specialized Transit will be held on September 17-19 in Sherbrooke, Quebec (in French). Keynote speakers and panel discussions will include sessions on sustainability in the context of specialized transit, safety issues for persons with disabilities, SmartDRIVER for specialized transit, and automated dispatch systems.

This workshop is being organized as a partnership between CUTA and ARUTAQ, ASTAQ, ATUQ, ROTAQ, and the Quebec Ministry of Transportation.

The deadline for earlybird registration is Monday, August 18, 2008. The hotel room block is being held until the same date.

For more information, visit the workshop website:

www.colloquetransportadapte.com



Canadian Urban Transit Association

ITS (UK) Website Re-launched

The ITS (UK) website has always provided general information about intelligent transport systems, and acts as the first point of contact for organizations considering becoming members of the Society. In the password protected area, the site has provided a wide range of information and documentation for members' use. The new design continues to deliver all these functions, and does so in an attractive and up-to-date way.

Visit the site at:

www.its-uk.org.uk

ITS in York Region

Located just north of Toronto, the Regional Municipality of York is moving forward on a number of ITS initiatives. As reported in the *Markham Economist & Sun* newspaper, the Region is proceeding with a \$2.1-million program to acquire 13 traffic cameras, bringing the total to 20. The cameras will be installed at intersections in Markham, Richmond Hill and possibly Newmarket, in order to monitor for accidents and emergency situations, and to improve traffic efficiency. The federal government will cover up to \$250,000 of the cost. The long-term goal is to make the camera images available to motorists and the media to allow real-time monitoring.

York Region Transit is also moving forward with ITS initiatives. All new VIVA buses have a Global Positioning System (GPS) unit and transit riders have access to information from variable message sign boards installed along routes. YRT is now adding GPS units to other buses in their fleet, with expected completion in January 2009. By spring when the scheduling system is developed, riders will have access to real-time schedules and updates on bus delays or cancellations, and this information will also be made available through their website and via telephone. In fact, the website will eventually show exactly where the bus is along the route, but that feature will not likely be available until late 2009.

Automated stop announcements and on-board stop display signs will also be included. VIVA stops will also display real-time updates for connecting routes. Variable message signs are also being considered for all terminals.

New Website For Traffic Signal Practitioners

Set up and run by practicing traffic signal engineers in the United Kingdom, this new site does not sell any goods or services, but acts as a central resource for information to promote best practices and continued professional development, working with a growing number of organizations to share items of interest to industry engineers. It has been successful in negotiating with a growing number of sources to make signal-related articles and papers available. Visit www.ukroadsignals.com.

Members in the News



In July, **International Road Dynamics (IRD)** announced that its wholly-owned subsidiary, International Road Dynamics South Asia (IRDSA), has been awarded a contract to supply, install and commission 66 toll lanes using IRD's proprietary iToll Collection System, along with 9 Slow Speed Weigh-in-Motion (SSWIM) systems in India. The systems are to be implemented across the country at different locations on India's national highways system. The contract value is approximately at \$2.45 million U.S.

IRD's iToll is a toll audit system used at toll lanes to assist with the auditing of the collection of toll revenues. The Toll Collection System will feature manual as well as automated payments using smart cards and barcode tickets. It utilizes the IRD iToll video incident detection system, and also provides toll centre control equipment to monitor and control all toll operations. The systems are expected to be installed and operational in the next six to nine months. The SSWIM systems are utilized for vehicle weight data collection. Once completed, IRD will have an installed base of nearly 500 toll lanes, the largest in the country.



Announced in July was the acquisition by **Image Sensing Systems Incorporated (ISS)** of **EIS Inc.**, developer and supplier of the Remote Traffic Microwave Sensor (RTMS™) radar sensor. ISS is the developer of the Autoscope® family of video vehicle detection products for traffic management and control applications.



NAVTEQ has announced the availability of NAVTEQ Traffic Patterns™ North America v3.0. This newly updated version includes typical traffic speeds on nearly one million miles of road coverage across the United States, Puerto Rico and Canada, providing reliable, easy-to-use data for a variety of smart-routing applications, giving drivers the information they need to assist in rerouting to avoid typically congested areas. From commuters to emergency service providers, NAVTEQ Traffic Patterns enables more accurate route planning and improves trip-time estimates based on likely traffic conditions. This newly released product uses historical observations from GPS probe and sensor data, aggregated, verified and then matched to traffic location codes in the NAVTEQ map database.



Telvent has been awarded a contract for the Maintenance and Repair of the Electronic Toll Registry System for the MTA Bridges and Tunnels EZPass System in New York State. The contract involves the upgrade, enhancement and maintenance of an E-ZPass electronic toll collection system, with electronic E-ZPass and manual collection lanes. Telvent will implement its Remote Operations and Maintenance System (ROMS) monitoring tool that will improve maintenance and operations efforts, further increasing system availability for E-ZPass patrons. MTA Bridges and Tunnels, the largest among the nation's bridge and tunnel toll authorities in terms of traffic volume, serves more than a million people daily in the New York metropolitan area. As a constituent agency of the Metropolitan Transportation Authority (MTA), its dual role is to operate seven bridges and two tunnels and to provide surplus toll revenues to help support public transit. The E-ZPass system is comprised of a total of 206 lanes, and over 850,000 vehicles use these facilities each day.



ITS Canada News

News bITS

SAN FRANCISCO BAY AREA TO HOST ONE OF THE WORLD'S LARGEST ITS TESTS

The US Department of Transportation (DOT) and California Department of Transportation (Caltrans) have announced a partnership that will provide commuters in the San Francisco Bay Area with access to cutting-edge real-time traffic, transit and road safety information. The project is valued at \$12.4 million U.S., as part of the new SafeTrip-21 initiative.

The Bay Area will host one of the world's largest tests of ITS technology, with applications designed to reduce gridlock, traffic-related fatalities and injuries, and improvements to public transportation services. Field testing of GPS-equipped cellular phones from up to 10,000 volunteer commuters and transit vehicles transmitting data from roads in a 32-kilometre radius to traffic management centres. The additional traffic information gathered by these "probes" will help all Bay Area commuters make intelligent travel choices and avoid congestion while driving to work or using local transit systems.

A consumer-friendly platform is being developed to bring together existing technologies, including trip planning and traveller information; safety advisories; on-board displays of commuter rail and transit bus connections; electronic toll collection, and parking reservation and payment services.

The partnership will also establish a national test bed to advance the development of a Vehicle Infrastructure Integration system, which will use WiFi and Dedicated Short Range Communications to alert drivers to unsafe conditions so they can avoid crashes before they happen. Multiple consumer electronic devices will be used, including personal navigation devices, mobile phones, and a diverse set of communication technologies. In addition, an in-vehicle "cradle" will provide a wireless interface to the Internet for virtually any mobile electronic device. Other SafeTrip-21 partners include the University of California-Partners for Advanced Transit and Highways (PATH), California Center for Innovative Transportation (CCIT), Nokia, NAVTEQ, Metropolitan Transportation Commission, Santa Clara Valley

PUBLICATIONS

Road User Charging and Electronic Toll Collection

This book provides a road map to today's technologies, systems, regulatory issues, and pricing schemes for electronic toll collection and road user charging, assisting in matching the right technology to policy needs. It clearly steers through pricing and traffic management principles to establish and evolve policies and pricing schemes. The book also provides easy-to-follow end-to-end steps in system planning, technology selection, procurement and operations.

Hardcover ~ 370 pages ~ Copyright 2006
ISBN: 978-1-58053-858-9

Intelligent Transport Systems Standards

A comprehensive volume, presented in a convenient and easy-to-search CD-ROM format, offers the first exhaustive coverage of existing and developing standards that support ITS services and their interoperability. It features up-to-the-minute listings for standards developing organizations (SDOs) at both national and international levels, and also provides extensive referencing to other generic standards that can be of use to ITS service provision. Includes updates on the latest best practices worldwide, helping prevent oversights that could prove costly.

Hardcover or CD-ROM ~ 848 pages
ISBN: 978-1-59693-291-3

Highway Traffic Monitoring and Data Quality

Make the most of traffic data collection and assessment efforts with the first book on state-of-the-art monitoring and analysis methods for traffic management. This unique resource gives you a hands-on understanding of the latest sensors, processors, and communication links for everything from vehicle counts to urban congestion measurement. Moreover, you learn statistical techniques for quantifying data accuracy and reducing uncertainty in both current system state assessments and future system state forecasts.

Hardcover ~ 260 pages ~ Pub. Date Sept. 30, 2008
ISBN: 978-1-58053-715-5



Upcoming Events

ITE 2008 Annual Meeting and Exhibition

August 17 to 20, 2008 – Anaheim, California

www.ite.org

National Rural ITS Conference

September 3 to 5, 2008 – Anchorage, AK

www.nritsconference.org

TranspoQuip Latin America 2008

September 9 to 11, 2008 – Sao Paulo, Brazil

www.TranspoQuip.com

Transport Smartcards: Latest Developments and Future Potential

September 10, 2008 – London, England

www.thewaterfront.co.uk/conferences/conf_calendar_transport_smartcards.php

OTC Parking Workshop

September 14 to 16, 2008 – Stratford, Ontario

www.otc.org

XV Pan-American Conf. of Traffic & Transportation

September 14 to 17, 2008 – Colombia

www.uninorte.edu.co/panam2008

Quebec Workshop on Specialized Transit (in French)

September 17 to 19, 2008 – Sherbrooke, Québec

www.colloquetransportadapte.com

76th IBTTA Annual Meeting and Exhibition

September 20 to 24, 2008 – Baltimore, Maryland

www.ibtta.org

TAC Annual Conference 2008

September 21 to 24, 2008 – Toronto, Ontario

www.tac-atc.ca

Transpo2008: "ITS: Piecing It All Together"

September 22 to 28, 2008 – Orlando, Florida

www.itstranspo.org

European Transport Conference 2008

October 6 to 8, 2008 – Noordwijkerhout, The Netherlands

www.aetransport.org/lc/cms/page_view.asp?id=675

8th Spanish Congress and Exhibition on ITS

October 14 to 16, 2008 – Oviedo, Spain

congresos@itsspain.com

International ITS Conference & Expo 2008

October 15 to 17, 2008 – Shanghai, China

www.itsshanghai.net

Viet Traffic – Road-Rail-Safety-ITS

October 15 to 17, 2008 – Hanoi, Vietnam

www.viettraffic.com

OTC Traffic Engineering Workshop

October 16, 2008 – Alliston, Ontario

www.otc.org

8th International Conference on ITS Telecommunications

October 22 to 24, 2008 – Phuket, Thailand

www.itst2008.nectec.or.th

Sensor Technology Workshop

October 23, 2008 – Pretoria, South Africa

www.itssa.org

8th International Transport Systems Telematics Conference

November 5 to 8, 2008 – Katowice-Ustroń, Poland

www.tst-conference.org

CUTA Fall Conference and Trans-Expo 2008

November 8 to 12, 2008 – Windsor, Ontario

www.cutaactu.ca

15th World Congress on ITS and ITS America's 2008 Annual Meeting & Exposition

November 16 to 20, 2008 – New York, USA

www.itsa.org/worldcongress.html

Road Pricing Conference 2008

December 9 and 10, 2008 – London, England

www.theiet.org/events/2008/road-pricing.cfm

ATEC-ITS France International Congress

February 4 and 5, 2009 – Versailles, France

www.itsfrance.net