



Moderator:
Roger Browne, M.A.Sc., P. Eng.
Co-Chair ATMS Committee
ITS Canada



Brigid Canil, P. Eng.
Co-Chair ATMS Committee
ITS Canada

WEBINAR SESSION
ITS PROSPECTUS
2015



Panel Discussion
ITS Roll-Out Plans from
Road Authorities Across Canada

Hosted by the ATMS Technical Committee
February 26, 2015
12noon – 2:00pm EST

Agenda

- Introduction
- ITS Canada Update
- Round-Table Status Update
 - BC MOTI
 - City of Vancouver
 - City of Surrey
 - City of Calgary
 - City of Edmonton
 - MTO
 - Toronto
 - Ottawa
 - Montreal



HOUSE KEEPING NOTES

SKILL TESTING QUESTIONS



Welcome and ITS Canada Update

- Presenter:
 - Rob Shirra, FCNC
 - Managing Director, ITS Canada



Current Speaker:

Gregg Loane, P. Eng.
Manager – ITS Capital



- **ITS Roll-Out Plans for 2015**
 - ATMS Central Software
 - 80 Arterial CCTV Cameras
 - 25 RESCU UPS Installations at Critical Locations
 - Advanced Transit Signal Priority Strategy
 - Advanced Traffic Adaptive Control System Pilot
 - Arterial VMS Pilot
 - ATIS Strategic Plan
 - Backup Operations Centre Plan

Current Speaker:

**Brigid Canil – Co-Chair ATMS Committee, ITS Canada
Manager, Electrical Engineering**



- **ITS Roll-Out Plans for 2015**
 - Data Warehouse framework development
 - RTMC Video Wall Expansion – adding 6 cubes
 - Traffic Camera Program – adding 30 cameras
 - Developing an RTMC Concept of Operations Document
 - Looking at including Ramp Metering control into our ATMS
 - ATMS access to City of Richmond, and camera sharing with City of Van, and City of Surrey

Current Speaker:

Winston Chou, P. Eng.
Senior Transportation Engineer



- **ITS Roll-Out Plans for 2015**

- Traffic Count Strategy – Data Management System
- Traffic Cameras Software System Update, integration w/ RTMC, & CCTV Policy
- Traffic Signal System Update
- Video Analytics for Traffic Counts & Collision Analysis
- \$900k Annual budget for automated traffic counters

Current Speaker:

Amer Afridi, M.Sc., P.Eng.
Team Lead/Signals



- **ITS Roll-Out Plans for 2015**
 - 75 PTZ cameras to bring the total to 325
 - UPS monitoring system for 105 locations
 - Remote signal timing changes for incidents/construction
 - Evaluation of existing ATSC and possible expansion
 - Travel Time map for arterials and major corridors

Current Speaker:

Sameer Patil, M.Eng., P.Eng., PTOE
Traffic Leader, Traffic Management Centre



- **ITS Roll-Out Plans for 2015**

- Downtown Parking Guidance System
- Text your Ride – Customized SMS Event Notification System
- Traffic controller replacement program in the downtown to facilitate remote communications
- 24/7 Traffic Info Twitter Feed
- Continued Partnership with Alberta Transportation
 - Queue clearance project
 - Dynamic Message Signs
 - PTZ Camera Installations

Current Speaker:

Janis Chow, P. Eng.

Manager, Traffic Management Centre



- **ITS Roll-Out Plans for 2015**

- Traffic Signal Central System Conversion
- Traffic Camera Streaming Images - Mobile
- Partnership with Province, CCTV on Ring Road
- Emergency Vehicle Signal Priority
- Overheight Vehicle Detection System
- Partnership with UofA Connected Vehicle Pilot

Current Speaker:

Mike Barnet, P. Eng.

Senior Engineer, ITS Section



- **ITS Roll-Out Plans for 2015**
 - Preparation for Pan Am / Para Pan Am Games
 - Commissioning of new COMPASS TMC
 - Integrated Corridor Management framework development
 - Herb Gray Parkway Opening
 - Border Advisory System to become operational

Current Speaker:

Chris Brinkmann, P. Eng.
Manager, Traffic Operations



- **ITS Roll-Out Plans for 2015**
 - Adaptive Signal Capacity system pilot
 - Intelligent Transportation Corridor (Highway 174)
 - Champlain Bridge Reversible Lane System
 - Fire Truck GPS pre-emption expansion
 - “Eco Drives” proof of concept

Current Speaker:

Patrick Ricci

ITS Engineer, Operations

Montréal 



- **ITS Roll-Out Plans for 2015**
 - Camera inventory increase to 320
 - CGMU official 24/7 operation 4th quarter
 - Center-to-center video exchange with MTQ and other traffic manager partners
 - Telecom backbone upgrade to 10Gb/s
 - 32 travel time detectors
 - Dynamic parking information
 - Integrated Corridor Management con-ops definition with partners



Any further questions regarding anything in the presentations today please forward to:

Janneke van der Zee-Poelking
Administrator/Administratrice
ITS Canada/STI Canada
E-Mail: janneke@itscanada.ca

THANK YOU