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
• 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

• 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