



IMSA B.C. Section Spring Technical Sessions - Victoria  
Holiday Inn, 3020 Blanshard Street, Victoria, B.C.  
Tel (250) 382-4400  
Wednesday, March 12, 2008

## ITINERARY

Registration: 8:30am to 9:30am  
Technical Session 1 – 9:30am to 10:30am  
Open Forum/Meet & Greet/Coffee  
Technical Session 2 – 11:00am to 12 noon  
Lunch – 12:00 noon to 1:00 pm  
Technical Session 3 – 1:00pm to 2:00pm  
Open Forum/Meet & Greet/Coffee  
Technical Session 4 – 2:30pm – 3:30pm  
Session Close – 3:45pm to 4:30pm

### **TECHNICAL SESSION 1**

#### Traffic Signal Design Basics

- Signal head placement
- Signal head visibility
- Roadway civil design requirements
- Traffic island civil design requirements
- Pole capacity
- Construction issues – overhead conflict with power lines (WCB requirements).

### **TECHNICAL SESSION 2**

#### Street Lighting Design Basics

- Lighting design compliance with IESNA (Illuminating Engineering Society of North America)
- Requirement for material specifications
- Current lighting technology
- New innovations such as adaptive lighting (dimming).

### **TECHNICAL SESSION 3**

#### Traffic Signal and Street Lighting Maintenance Standards

- Municipal standards and/or practices.
- Comparison of municipal procedures and programs
- Established provincial maintenance and construction specifications – MMCD, Ministry of Transportation.

### **TECHNICAL SESSION 4**

#### Open Forum – Suggested Topics

- 1-LED signal head changeout – LED signal displays installed under the BCH Powersmart Program are nearing the end of their projected life – strategy for replacement
- 2-BCH load reporting – are your traffic signal accounts up-to-date? – are you reporting festive lighting?
- 3-Life cycle of pole structures – discussion regarding investigation of structural integrity of traffic signal, street lighting and sign poles aged at 30+ years
- 4-Types of vehicle detection
- 5-Procedures and documentation for bringing traffic signals on line.