



# Streetcar Subcommittee

*Revised Agenda*

## Summer Meeting & Technical Tour Toronto, Canada

**NEW LOCATION** – Toronto Transit Commission  
3<sup>rd</sup> floor conference room, 5160 Yonge Street  
(North York Centre, exit North York Centre subway station)

**Monday-Tuesday, August 13-14, 2012**

James Graebner            Chair  
Tom Hickey                Vice Chair  
Tim Borchers              Secretary

**MONDAY AUGUST 13 (8:30 AM – 5:00 PM)**

**LOCATION: 3<sup>RD</sup> FLOOR CONFERENCE ROOM, 5160 YONGE STREET**

TIME	#	TOPIC	PRESENTER
8:30-8:45	1.0	Welcome to Toronto and the TTC Transit Plan	TTC Chair <b>Karen Stintz</b>
8:45-9:00	2.0	Introductions	<b>Jim Graebner</b> , Subcommittee Chair / Stephen Lam
9:00-9:30	3.0	(tentative) Transit Challenges in Toronto	<b>Mitch Stambler</b> , Head of Strategy & Service Planning

### Presentations by TTC staff

9:30-9:45	4.1	Overview – Rail Vehicle Procurement Projects	<b>Stephen Lam</b> , Chief Engineer – Rail Vehicle Engineering
9:45-10:15	4.2	Legacy LRV Project	<b>Kevin Seto</b> , Manager – Legacy LRV
10:15-10:45	4.3	Transit Expansion LRV Project	<b>Jeff Rankin</b> , Manager – TE LRV
10:45-11:00	Break		
11:00-11:30	4.4	Track – changes/upgrades necessary to support fleet	<b>Perry Howse</b> , Assistant Manager- Track Engineering
11:30-12:00	4.5	Overhead - changes / upgrades to support the new fleet, change to use of synthetic span wires, and trolley pole / pantograph change-over.	<b>John Kut</b> , Manager - Electrical Engineering

12:00-1:00		Lunch	
1:00 – 1:30	4.6	Stops and ADA boarding - With such a large streetcar system, how is TTC approaching the change to low-floor vehicles and the accommodation of wheelchairs? What related streetscape and other projects are being studied / planned?	<b>Gary Carr</b> , Chief Engineer – Operations Planning
1:30-2:00	4.7	Fare collection - How will TTC be approaching fare collection for the new fleet	<b>John Smerek</b> , Director - System Design, Quality Assurance and Risk Management (Farecard)
2:00-2:30	4.8	Technical Services – Procedure, manuals/training, problem tracking & reporting	<b>Chris Seewald</b> , Manager – Technical Services, Rail Cars & Shops
2:30-3:00	4.9	Vehicle Maintenance - What kinds of maintenance practice changes are anticipated to be able to support the new vehicle fleet	<b>Roy Dowdall</b> , Manager – Streetcar Maintenance
3:00-3:30	4.10	New Maintenance & Storage Facility at Ashbridges Bay to support the new LF cars	<b>Rick Holli</b> , Project Manager – MSF

### Subcommittee Business

3:30-3:45		Break	
3:45- - 5:00	5.0	Previous meeting minutes	<b>Tim Borchers</b>
	6.0	Updates - 2012 APTA/TRB Light Rail & Streetcar Conference Nov 2012	<b>Charles Joseph</b>

**Dinner (details tbd)**

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**TUESDAY AUGUST 14 (8:30 AM – 5:00 PM)**

**LOCATION: 3<sup>RD</sup> FLOOR CONFERENCE ROOM, 5160 YONGE STREET**

### 7.0 Subcommittee meeting

8:30 - - 12:00	7.1	Project updates around the country	<b>All</b>
	7.2	Guideline for North American Application of Modern Streetcar Vehicles <ul style="list-style-type: none"> <li>• Review of completed draft document</li> <li>• Review of any additional work on appendices since meeting in Dallas</li> <li>• Discussion of document balloting and subsequent APTA approval steps</li> </ul>	<b>John Smatlak</b>

12:00 1:00	–	Lunch		
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1:00 2:00	–	8.0	Travel to Hillcrest complex with TTC host via St. Clair streetcar line. Introduction & system orientation on the way	<b>Kevin Seto</b> and RVE staff
2:00 2:30	–	9.0	Tour Transit Control Centre – David Gunn Building, Hillcrest Complex	Transit Control and RVE staff, Sr. Planner <b>Scott Haskill</b> (if available)
2:30 3:30	–	10.0	Harvey Shop tour and view LFLRV Mock-Up, Hillcrest Complex	Sr. Planner <b>Scott Haskill</b> , Shop & RVE Staff
3:30 5:00	–	11.0	TTC System tour	<b>Scott Haskill</b> and RVE Staff

### WEDNESDAY, AUGUST 15- OPTIONAL TECHNICAL TOUR

#### BOMBARDIER ASSEMBLY PLANT, THUNDER BAY, ONTARIO, CANADA

This is an optional tour, and participants will be responsible for booking their own air travel between Toronto and Thunder Bay. Porter Airlines <https://www.flyporter.com/Flight/Tickets?culture=en-CA> has regular flights between Toronto's downtown airport (YTZ) and Thunder Bay (YQT). The group is traveling to Thunder Bay on the 8:00 am flight and returning on the 3:35 PM flight back to Toronto. Flying time is 2 hours, and as of July 20, there are still seats available on both of these flights. Alternately, you can book passage home directly from Thunder Bay.

We will visit the Bombardier factory and see the work underway on the new Toronto fleet. A prototype car will be available for us to view. We'll get an up close look at all of the technology involved and be able to talk directly with Bombardier personnel about the challenges in meeting Toronto's demanding infrastructure requirements.

NOTE: Because of proprietary technology issues, this optional tour will not be open to employees of competing carbuilders, thanks for your understanding.