



Moving Forward -- Smart Bus Pilot Project

- In fall of 2005, the Smart Bus pilot project was implemented on 30 Mississauga Transit buses serving the Hurontario Street corridor.
- Smart Bus technology provides Mississauga Transit with the information they need to plan and deliver better service to its customers.
- Smart Bus features include:
 - Automatic Vehicle Location (AVL) systems, which use Global Positioning System (GPS) technology. This allows real-time communication of schedule adherence to Operations Supervisors
 - Automatic Passenger Counting (APC), which capture passenger patterns (to improve route service planning)
 - Traffic Signal Pre-emption (TSP) technology, which allow buses to extend or advance the green light at traffic signals.
- Combined use of these technologies will improve schedule reliability and overall customer service, positioning transit as the preferred alternative to cars.
- Smart Bus technology will improve Mississauga Transit service planning.
- Smart buses can be identified by the yellow sticker on the front of the bus as well as the black box located above the driver.
- Smart Bus funding was obtained from the Federation of Canadian Municipalities' (FCM) Green Fund, Transport Canada and the Ministry of Transportation.
- Mississauga Transit, York Region Transit and the TTC are the only transit systems in the Greater Toronto Area (GTA) currently using Smart Bus technology.