



ELECTRIC PUBLIC TRANSIT SYSTEM

ON THE NEW CHAMPLAIN BRIDGE

SITUATION TODAY

One of the busiest bridges in Canada

- 40 million cars/year
- 110,000 cars/day

> During rush hour

- 22,000 commutes by public transit
- 20,000 commutes by car

Temporary reserved public transit bus lane

- In place since 1978 as a temporary measure
- Reserved bus lane against the flow of traffic

> During rush hour

- Lane marked twice a day with orange cones
- One bus every 25 seconds
- 450 buses heading exclusively toward the downtown bus terminal
 - Terminal saturated since 2004

PROJECTED

- Electric automated public transit

- Based on demand during rush hour, forecasts suggest that **daily usage of the system could reach 90,000 commutes in 2021**

- Will be **designed and implemented in compliance with sustainable development principles** aimed at:

- Increasing the use of public transit
- Reducing the use of cars
- Promoting electrification of means of transportation
- Lowering GHG emissions

> According to the initial projections subject to review

- Approximate number of kilometers of rail that could be developed:
 - 15 km corridor in two directions
- 7 to 8 stations distributed on the South Shore and in Montréal and 2 terminal stations

