

Preferential measures for the STL's buses: an optimized network

Following a study looking into a series of delays on its network of buses, the STL identified several key points that are in need of measures which the ministère des Transports du Québec is willing to fund entirely.



"Our goal is simple, we want to improve performance on our network of buses."

David De Cotis
President of the STL's Board of Directors



The STL led a study to identify the busiest areas of Laval and locate places where traffic congestion is causing a significant increase to operating costs. Over 15 kilometres of reserved lanes including "candlestick" priority lights, queue bypass lanes and prioritized lights which will increase the efficiency and speed of public transit and make taking the bus more competitive by improving speed, punctuality and regularity. These changes will help the STL meet its goal of increasing ridership on the buses by 40% by 2022.

9 MAJOR PROJECTS:

Areas being affected by the changes:

- Des Laurentides
- Corbusier northbound
- Corbusier southbound
- Curé-Labelle
- The approaches to Pont Lachapelle
- The area surrounding terminus Le Carrefour
- The area surrounding terminus Cartier
- TSP equipment (prioritized traffic lights)
- Other areas of congestion



PRIORITIZED LIGHTS: CONCLUSIVE RESULTS

The preferential measures project includes priority measures for buses at traffic lights. This means the installation of equipment onboard buses and in the traffic light control panels that will allow them to communicate when the bus is running behind. These priority measures will stabilize and improve route times and reduce impact on traffic. A GPS system will be used to anticipate the arrival of the bus according to its speed, direction and distance. Green lights can then be extended and red lights can be shortened accordingly to facilitate the passing of the bus through the intersection.

The time savings will be an excellent benefit for riders of the STL's buses; which is justification enough for their installation. All of the buses in the STL's fleet and 227 traffic light control panels will be updated to include this technology by 2016. Approximately 90% of the intersections crossed by the STL will feature this technology – a first in North America!

As a reminder, these measures are being submitted for approval to the ministre des Transports du Québec which has stated that it is willing to fund the project entirely. This is part of an established program and will cost between \$25 and 35 million.

These reasonable and relevant preferential measures will completely change the face of public transit in Laval. Keep an eye out for their arrival! Another example of why public transit is common sense.

- For more information, visit stl.laval.qc.ca or contact our Customer Contact Centre at 450 688-6520, and stay in touch with STL Synchro.



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