



## MARIE-VICTORIN ROAD UNDER REPAIR: TIMELESS ARCHITECTURE

### CONTEXT

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Date: July 2014

City: La Prairie, Quebec

Major infrastructure repair work on Marie-Victorin Boulevard between Cloutier Street and Iberia Avenue in La Prairie took place in the summer of 2014.

Estimated at \$ 1.7 million, this repair works include replacing the drinking water pipe, the installation of a new storm sewer as well as sanitary sewer repair. As a result of which it was necessary to reconstruct the pavement.

The municipality also took the opportunity to change the plot of the road, include traffic reducing measures, build a new sidewalk, install a decorative street lighting and introduce new landscaping. An important objective is the upgrading of the cycle path to the criteria of La Route Verte.

### THE LIGHTING SOLUTION

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Quattro Lighting provided a traditional and a contemporary solution. The existing lighting consists of Cobra style fixtures with 8' arm mounted on wooden poles. Although the existing HPS lighting provides adequate levels, the goal was to create a more pleasant and safe area for cyclists and pedestrians.



The contemporary Adelo Series was chosen and installed on a curved aluminum pole recalling the davit arm traditional look.

The 99W "white light" LED engine has solved the level, color rendering index of the light and energy concerns. The full cut-off fixture provides a downward projection and creates a feeling of a safe, yet comfortable

neighborhood. It also enhances public considerations towards light pollution and its unwanted effects on the Parc Sainte-Marie and the St. Lawrence canal.



Outposts are increasingly used as traffic reducing measures. Quattro Meridien series of bollards were carefully chosen and implemented so as to illuminate these outposts and checkpoints showcasing areas where pedestrians have priority.

### RESULTS

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- LED Platform for a duration of 70,000 hours life expectancy of 20 years;
- Controller with intensity control capacity 0-10 V;
- Modular design source with ease of maintenance and upgrade;
- Full cut off fixture for visual comfort;
- Improved quality and lighting levels;
- A harmonious landscape and enhanced day and night;
- An architecture, design and a durable and timeless finish;
- Anti-theft electrical protection system.

*"The lighting units supplied by Quattro, are a key element for a better pedestrian well-being"*

- Robert Bélanger, PDG Éclairage Quattro

## QUATTRO REALISES REMARKABLE PROJECTS

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Quattro is a Quebec based company located in Longueuil. It specialises in manufacturing decorative and functional light structures for municipal lighting. Whether you are an architect, an urbanist, an engineer or a building contractor, Quattro will know how to help you throughout your project. You will benefit from the aesthetics, the assembling simplicity and the performance of our high quality energy efficient lighting solutions, as well as from the courteous service and the efficient partnership of a professional team.

*For Quattro, developing and managing lighting projects implies and involves knowledge of the environment and of the people, technology, materials, manufacturing and architecture. All in order to ensure a safe, comfortable and attractive urban atmosphere. We will turn your idea into a remarkable project.*

**QUATTRO**

Remarkably brilliant

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