

# Junction



**A** first segment of Autoroute 30, the Eastern section between Saint-Constant and Candiac, will be open to traffic this fall. The opening, long-awaited by many motorists, marks an important step towards the completion of Autoroute 30.

The construction of this segment is advancing rapidly in anticipation of its use. Several structure and concrete pavement projects are now finished. Work to link the new section of highway to the existing Autoroute 30 is proceeding normally.

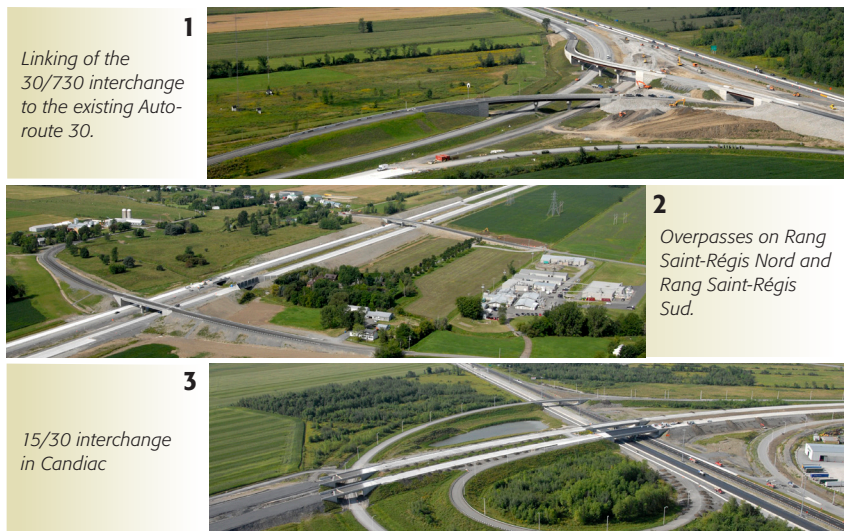
Work by the Ministère des Transports (MTQ) using a conventional method will also continue for the construction of the segment from Jean-Leman to Candiac and for the relocation of Route 236 at Beauharnois. Construction on the Western section, being done by Nouvelle Autoroute 30, s.e.n.c., between Vaudreuil-Dorion and Châteauguay, is also progressing quickly. Several works, which can be seen from the road, are now taking shape.

We invite you to consult our website at <http://www.autoroute30.qc.ca>, to see how work is advancing on the Eastern section. For more information on the work being done on the Western section, visit the NA-30 site at <http://www.na30.ca>.



Jacques Filion, Eng.  
Director of the Autoroute 30  
Project Office

## Eastern Section Overview



The Eastern section, from Saint-Constant to Candiac, will open soon. Motorists will be able to use this portion of the highway beginning in the fall. To date, about 90 percent of the work on this section has been completed (excluding the Jean-Leman segment). Here is an overview of the work sites on this much-anticipated section of the highway.

### 1. Work site linking the 30/730 interchange to the existing Autoroute 30

The project linking the 30/730 interchange at Saint-Constant to the existing Autoroute 30 began last June and is, to date, about 35 percent complete.

### 2. Work site from the 30/730 interchange to Chemin Agritex

Several structures at this work site were completed in recent months. The overpasses on Rang Saint-Régis Sud and Rang Saint-Régis Nord, as well as the overpass on Chemin Saint-Pierre, are now open to traffic. Work on the construction of anti-noise barriers and work on the collectors of Autoroute 15 remain to be completed.

### 3. Work site from Chemin Agritex to the 15/30 interchange

Workers are busy on this work site finishing the overpass on Autoroute 30 that will span Rivière de la Tortue, Montée de la Saline and Rang Saint-Ignace. This structure should be completed in September. The concrete pavement of this part of the highway has also been completed.

## Measures for Environmental Preservation

During the construction of new infrastructure, every effort is made by the MTQ to minimize the impact of construction on its surroundings. Specific measures are systematically taken to protect the flora and fauna. Before construction begins, an environmental characterization is drawn up in order to record, in particular, the area's floral and animal populations. Different measures can then be taken to ensure the survival of the various species: a relocation, the creation of new habitat, zones in which work is prohibited, etc. The measures chosen are determined according to the environmental impact of the project.

Compensation projects are among the measures that can be taken. They are carried out when there is a distinct loss of habitat, and when a request for such a project is made by the affected departments. When undertaking a compensation project has been decided, the nature of the project is chosen according to the availability of land as well as the habitat and surroundings requiring compensation. The project is then carried out in collaboration with the affected departments, whose approval is required.

At the Ministère des Transports, these projects are led by biologists or landscape designers. A team of engineering, hydraulics, and geotechnology experts works alongside them.

## Fish Habitat Compensation Project

Two compensation projects were planned by the MTQ in line with the conventional method-completion of Autoroute 30. A fish habitat compensation project was set up at the request of Fisheries and Oceans Canada. This project, which centers around Rivière de la Tortue in Delson, compensates for the loss of habitat caused by the encroachment of the Autoroute 30 bridges between Saint-Constant and Candiac that were constructed over Rivière Saint-Pierre, Rivière Saint-Régis and Rivière de la Tortue. The project also focuses on the construction of two expressways adjacent to the Route 132 bridge.

Much work will thus be undertaken to create 4,450 m<sup>2</sup> of new fish habitat, which will allow spawning in calm waters and the population growth of various species. This project will be carried out in two phases. The first, which will begin in the fall of 2010, consists of designing a canal network for fish on the riverbank, north of Route 132. The second phase of the project will take place south of Route 132, and will include re-establishing water circulation in a branch of the river currently obstructed by sand and gravel. This phase of the project, which is scheduled for 2011, will also include the design of a bass spawning ground.



Rivière de la Tortue.



New pond at the Centre écologique Fernand-Séguin.

## New Pond at the Centre écologique Fernand-Séguin

Completed last August, the new pond at the Centre écologique Fernand-Séguin in Châteauguay was among the projects aimed at environmental preservation. In the course of the work being done to complete Autoroute 30, the pre-existing pond, which was inside the highway route, had to be filled in. A project to redesign the pond was developed to conserve this watering hole, one of the few available to fauna in the area.

The pond's plants were inventoried in 2005, with the goal to later recreate a similar watering hole. To aid in attaining this goal, several soil tests were also carried out. The new pond was designed to be accessible to fauna, to permanently hold a minimum water level, and to minimize the impact on flora growing nearby. The new pond measures approximately 670 m<sup>2</sup>.

### To reach us

Bureau de projet de l'autoroute 30  
500 René-Lévesque Blvd. West, Suite 13.10  
Montréal, QC H2Z 1W7

Telephone: 514-873-0234  
Fax: 514-864-2155

E-mail: [bureauprojeta30@mtq.gouv.qc.ca](mailto:bureauprojeta30@mtq.gouv.qc.ca)  
Web site: [www.autoroute30.qc.ca](http://www.autoroute30.qc.ca)

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