

LOCATION: **MONTREAL.**

PROJECT VALUE:

Total project value: **4.000 millions canadian \$** (over 2.700 millions € nowadays).

STRATEGIC RELEVANCE OF THE PROJECT:

- ❖ Annual traffic volume: **60 millions vehicles.**
- ❖ Economic impact on trade: **20.000 millions canadian\$/year.**

It is one of the biggest infrastructures projects ongoing in North America nowadays. It consists in **the capacity expansion of the Saint Lawrence corridor, one of the most traffic-intense routes in Canada and a strategic point for the regional and national economy.**

The project was awarded on april 2015 to the international consortium Signature on the St. Lawrence, formed by the following companies:



This structure replaces the previous New Champlain Bridge, built in 1962, which has reached the end of its useful service life, afflicted by serious corrosion problems. Once the New Bridge is opened to traffic the previous one will be demolished.

The new structure is based on a **bridge of 3,4 km length**. The most relevant and emblematic section is the **Cable Stayed Bridge**. **This part crosses over the navigable channel of the St. Lawrence River**, which is strategically important for the maritime traffic between the Atlantic Ocean and the Great Lakes of North America.

TECADE has been awarded the execution of this emblematic section.

TECHNICAL CHARACTERISTICS OF THE CONTRACT

TECADE has been awarded the supply and fabrication of the whole Cable Stayed Bridge as well as a total of 28 box girders for the steel pier caps supporting the entire bridge. The structure has the following characteristics:

- ❖ Total length of the CBS : **517 m.**
- ❖ Total weight of the CBS structure : **13.000 tons.**
- ❖ Total weight of the steel pier caps **3.100 tons with a unit weight of up to 175 tons.**

ECONOMIC DATA OF THE WORK ASSIGNED TO

TECADE

- ❖ Total economic value of the contract: **40 Millions €.**
- ❖ Workload generated: **500.000 h.**
- ❖ New job positions estimated: **over 150 to 180.**
- ❖ Contract execution period: **December 2015 to October 2017.**

TECADE turns into one of the few companies qualified to fabricate this type of structures for Canada, which has wide implications facing the access to the North American market.

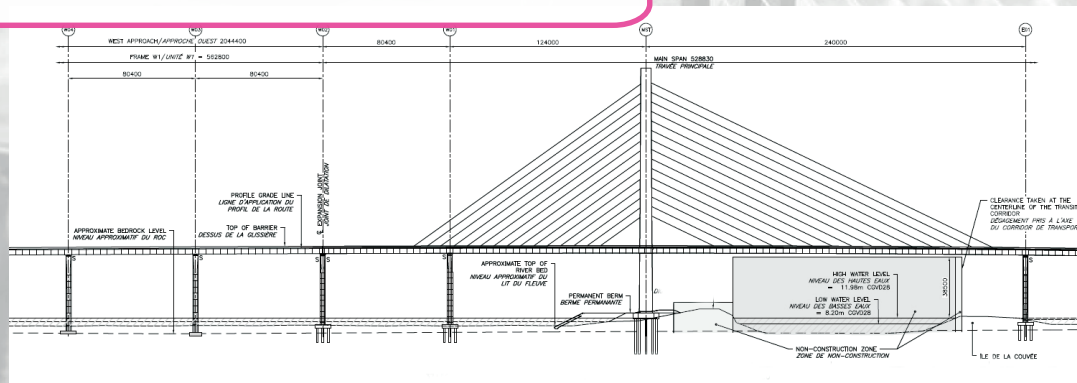


TECADE awarded the construction of the main part of the New Bridge for the Saint Lawrence

Plan view



Side view and Section



Bridge Renders

