

New Bridge St. Lawrence

Montreal, QC

Project Description

The New Bridge St. Lawrence (NBSL) is a 3.3 km long precast segmental bridge crossing the St. Lawrence River. It will consist of two vehicle girders and a transit girder. The main spans will be cable stayed.

Owner

Canada

Contractor

SSL Construction

Designer

T-Y-Lin / IBT / SNC-Lavalin

Our Role

McNary Bergeron provided construction engineering for the following:

- pier foundations
- pier caps
- starter segments
- marine erected pier stems

Total Contract Value

\$1 Billion +

Timeline

2015 - 2019

Construction Method and Specifications

Precast footing cast in drydock, set with catamaran crane. Precast segmental pier built using barge mounted crane. Steel girders built using barge-mounted crane. Steel orthotropic main span using deck-mounted derricks.

