

Project Profile



Location: Montreal, QC, Canada **Building Series/Size:** Custom Design - (4) 50'w x 48' l and (4) 55'w x 50' l
Application: Bridge Pier Construction Covers

SSLC | CHAMPLAIN BRIDGE

BUILDINGS ALLOW PIER CONCRETE TO CURE DURING WINTER MONTHS

Norseman Structures has provided SSLC (consortium of SNC-Lavalin, Flatiron and Dragados Canada) with 8 steel framed, fabric covered buildings to cover the casting and curing of concrete piers during the construction of the new Champlain Bridge in Montreal, Canada.

The project consists of four 50' wide x 48' long and four 55' wide x 50' long steel-framed, fabric-covered style buildings totaling 20,000 square feet of covered work area. The buildings are 50' high with a clear-span design (no interior columns).

SSLC avoids costly construction delays due to cold temperatures - the buildings provided optimal concrete curing conditions...

The buildings have been custom designed to mount on rails. The propulsion system allows the buildings to be rolled and nested within each other for easy access to the

piers with large equipment, while the custom designed open ends allows the buildings to be moved over the concrete piers.

In addition, side panel mesh vents were added to the covers for side ventilation and added air flow.



These eight buildings allowed SSLC to avoid costly construction delays due to cold temperatures as they provided optimal conditions for concrete casting and curing.

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