



FRE Composites' **HazGuard®** Products —  
A perfect solution for fast & easy raceway assembly in challenging environments such as 300Feet over the Hudson River.



- + Highest strength to weight ratio of any conduit system
- + Lightweight: One length of 4" (102 mm) **HazGuard®** conduit weighs less than 45 lbs. (20 kg)
- + Nonmetallic. Will not rust or corrode
- + Fewer expensive hangers supports and inserts on bridge installations (high flexural strength, low weight)



# NEW TAPPAN ZEE BRIDGE

NY / NJ United States

## A BRIEF HISTORY —

Opened on December 14, 1955, the Tappan Zee Bridge was one of the primary crossings of the Hudson River north of New York City; it carried much of the traffic between southern New England and points west of the Hudson. The bridge, as well as its replacement, was the longest bridge in New York State. The total length of the

bridge approached 16,013 feet (3.0328 mi; 4,881 m). In 2013, federal and state authorities started constructing a replacement bridge at a cost of at least \$4 billion. All traffic was shifted to the new bridge on October 6, 2017, and demolition of the old bridge began soon afterward.

## HAZGUARD®

Class 1 Division 2  
Subject to physical damage locations  
UL2515A/CSA C22.2  
No.2515.1

For more information, please visit our website:  
[www.frecomposites.com](http://www.frecomposites.com)

**FRE**  
COMPOSITES®



FRE Composites' **HazGuard®** Products —  
A perfect solution for fast & easy raceway assembly in challenging environments such as 550Feet over the St-Lawrence River.



- + Suitable for physical damage locations, above ground and bridge applications (**Hazguard®**)
- + Superior UV and weathering characteristics
- + Low coefficient of friction resulting in longer cable pulls
- + Chemical Inertness. Impervious to a wide spectrum of chemicals and fuels

# NEW CHAMPLAIN BRIDGE

📍 Montreal, Canada

## A BRIEF HISTORY —

Gateway to and from Montreal, the Champlain Bridge was a steel truss cantilever bridge built in 1957. Connecting Montreal to its South Shore suburbs, the 3.4KM span was one of the busiest in North America. In 2015, following a constantly increasing traffic, damage caused by road salt and other factors, a new worksite was put into operation to build the New Champlain Bridge.

**The consortium named:** Signature sur le Saint-Laurent trusted FRE Composites Inc. to provide over 600,000 Feet of various trade size conduits & fittings to protect their precious cables throughout the bridge.

## TAKE THE NEXT STEP —

### CANADA

- ☎ 450-537-3311
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