

## St. Croix Crossing Bridge



St. Croix Crossing Bridge. Picture courtesy of North American Stainless.

Location:	Stillwater, Minnesota, USA
Crosses:	St. Croix River
Type:	cable-stayed with box-girder bridge for roadway
Opened in:	2017 (replacement)
Materials:	Duplex 2304 (about 6,000 tons), North American Stainless
Stainless steel products:	rebar
Photographs:	courtesy of North American Stainless (overall view) courtesy of Corrosion Resistance Reinforcing, LCC (others)
More information:	<a href="http://northamericanstainless.com">northamericanstainless.com</a>



St. Croix Crossing Bridge. Picture courtesy of Corrosion Resistance Reinforcing LLC

## History

The original Stillwater lift bridge was built in 1931. The lift bridge has become a much-loved symbol of the city of Stillwater, nestled on the west bank of the St. Croix River. The St. Croix River Crossing Project called for the construction of a new four-lane bridge. Construction began in 2014 and the bridge was opened to vehicle traffic on August 2, 2017.



St. Croix Crossing Bridge. Picture courtesy of Corrosion Resistance Reinforcing LLC

## Why stainless steel?

The new St. Croix Crossing Bridge is extradosed design, combining cable-stay engineering with box-girder construction (650 precast box girders). Only the second of its type in the U.S. Amount of concrete used: 139,219 cubic yards. Area of bridge where stainless reinforcement bar was used: Deck (approx. 6,000 Tons of Duplex 2304).