

Product Case History



Hogg's Hollow Bridge

PRODUCTS USED:

- Exterior Coating 1: Carbozinc 858
- Exterior Coating 2: Carboguard 893
- Exterior Coating 3: Carbothane 134 HG

AREA COATED:

Hogg's Hollow Bridge is a 14-lane bridge that spans the Don River Valley in Toronto, Ontario. It is one of the busiest multi-span bridge crossings in North America, with a daily traffic flow of over 382,000 vehicles per day.

The Ministry of Transportation instated a 20-year maintenance schedule. The previous coating on the Hogg's Hollow Bridge was over 20 years old, therefore it was due for maintenance. Due to the high traffic flow, the bridge was required to stay in service throughout the duration of the maintenance, including during the ice storm of winter 2013/2014. Additionally, the bridge is located high over the Don Valley River making it an environmentally sensitive area.

COATING SELECTION EXPLANATION:

Carboline was selected for the maintenance of the bridge due to its MTO Tested and Approved System consisting of Carbozinc 858, Carboguard 893 and Carbothane 134 HG. The project commenced in November 2013 and is scheduled to be complete by June 2015.

LOCATION:

TORONTO, ON

DATE OF APPLICATION:

NOVEMBER 2013 - PRESENT

MARKET:

BRIDGES & HIGHWAYS

SUBSTRATE:

STEEL

SURFACE PREP:

CLEAN & DRY

EXPOSURE:

FREQUENTLY WET WITH WATER;
CONDENSATE, SPLASH OR SPRAY

SURFACE PREP:

SSPC SP-10 "NEAR WHITE BLAST"

SQ FT:

OVER 500,000 SQ FT



Hogg's Hollow Bridge

ADDITIONAL PHOTOS:

