

# Product Case History



## The Burlington Bay James N. Allan Skyway

### PRODUCTS USED:

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

### AREA COATED:

The Burlington Bay James N. Allan Skyway is a pair of high-level freeway bridges located in Hamilton and Burlington, Ontario. It is part of the Queen Elizabeth Way (QEW) highway linking Fort Erie with Toronto, and has a daily traffic flow of over 149,000 vehicles per day. The Ministry of Transportation instated a 20-year maintenance schedule. The previous coating on the 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, focusing on different sections each season. Additionally, the scaffolding had to be built around the traffic and daily function.

### 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 April 2014 and is scheduled to be complete by Fall 2016.

### LOCATION:

TORONTO, ON

### DATE OF APPLICATION:

APRIL 2014 - 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:

APPROXIMATELY 2,000,000 SQ FT



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ADDITIONAL PHOTOS:

