

# Product Case History



## Margaret Hunt Hill Bridge

**LOCATION:** Dallas, TX, United States

**DATE OF APPLICATION:** May 2012

**MARKET:** Bridge & Highway

**TYPE:** New Construction

**OWNER:** Texas DOT

**PROJECT SIZE:** 1,000 Gallons

**AREA COATED:** Exterior Bridge Steel

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Exterior Weathering - mild - urban or rural exposure

SURFACE PREP: SSPC-SP 10 (Near White Blast)

PRODUCTS: Carbozinc 861, Carbocrylic 3359

**AREA COATED:** Interior Bridge Steel Arch

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Interior & normally dry - light duty service

SURFACE PREP: SSPC-SP 10 (Near White Blast)

PRODUCTS: Carboguard 893

### PROJECT DESCRIPTION:

The Margaret Hunt Hill Bridge is designed by internationally renowned architect and engineer Santiago Calatrava. This stunning bridge with a 400 foot center arch connects Woodall Rodgers Freeway seamlessly to Singleton Boulevard in West Dallas and the new restaurant areas such as Trinity Groves and Sylvan 30.

Besides providing the City with a signature structure and artfully changing the skyline, City, business and civic leaders are excited about the revitalization and economic development the bridge has spurred for The West Dallas neighborhoods and the catalyst it has been to bring people down to the river. This new connection over the river has also helped foster unity across the north and south divide in the City.

Architecturally, the Margaret Hunt Hill Bridge features a 400 foot steel arch with 58 cables radiating from it in a lyrical fashion. The bridge architect and engineer is Santiago Calatrava. It is an 1870 foot long bridge.

### COATING SELECTION EXPLANATION:

Bridge was constructed in Italy and transported to Texas. Final coat was applied in Texas. Carboline worked together seamlessly to ensure color matched and provided local service, technical support and availability of the product.

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ADDITIONAL PHOTOS:

