

**Location:**

FORT LAUDERDALE, FL, United States

**Market:**

Bridge and Highway

**Substrate:**

Ferrous Metal (Carbon Steel)

**Surface Prep:**

SSPC-SP 2 (Hand Tool Clean)

**Exposure:**

Exterior Weathering - mild - urban or rural exposure

**Job Size:**

350,000 Square Feet

**Owner:**

Florida Department of Transportation

**Engineer:**

FDOT

**Applicator:**

Champion Painting

## I-595 Bridge Expansion Project (Existing Bridges)

**Area Coated: Exterior Exposed Steel Girders**

- First Coat: Rustbond
- Second Coat: Carbomastic 15
- Third Coat: Carbothane 133 LH

**Project Description:**

The Florida Department of Transportation planned a large expansion of I-595 including the addition of several new bridges and rehabilitation of existing bridges.

**Project Challenge:**

The existing coating on the bridges was sound and showed very little sign of degradation or rusting. FDOT wanted a coating system that would allow the contractor to apply a clear sealer coat and a finish coat to the girders to match the coatings applied to the expansion areas.

Carbomastic 15 was used a spot primer to build the system in areas where surfaces were prepared to bare metal.

**Coating Selection Explanation:**

Coating selection was based on FDOT Qualified Products List and clear sealer coat as a bonding primer as requested.

