

UV Protected Pipe for Bridge Crossings



PROBLEM

A gas owner of a pipeline wanted to use a UV stable coating on their FBE pipe which was being placed under a bridge of a major expressway. The bridge sees over a million cars a day.

The FBE pipeline was exposed to public and sunlight, so they chose [Cortec EcoShield 386](#) in gray to help blend it in with the bridge and prevent degradation at the same time.

SUBSTRATE

Metal

PRODUCTS USED

[Cortec EcoShield 386](#)

SOLUTION

One of the USI AMPP Coating Inspectors was on-site to give technical advice and support. When on-site there was supposed to be a NACE 4 (Brush-Off Blast) prep, but when they got there the contractor was performing a NACE 2 (Near White Metal Blast).

The first thing that needed to be done was to apply a Federal 49 CFR approved pipeline coating back onto the pipeline, and then jeep for holidays. After that was completed, the contractor went back to prep the pipeline with the NACE 4 Brush-Off Blast with eighty grit sandpaper.

The crew performed SSPC-SP1 (degrease and clean with Xylene). The [Cortec EcoShield 386](#) coating was applied to the pipeline at 8 mils. This UV stable coating comes in different colors that customers can special order. If you have a FBE pipeline sitting out in a yard for a period, this UV protective coating comes in clear to help prevent degradation.