



Project:

VDOT Culvert Rehabilitation – Danville, VA

D-shaped arched culvert

System:

Nukote Metal Prime I
Nukote PP300 @ 3 inches
Nukote ST-M at 0.1 inches

Date:

2019

Client:

VDOT (Virginia Department of Transportation)

Manufacturer:

Nukote Coating Systems

Contractor/ Applicator:

Atlantic Industrial Coatings

Area:

50 ft of D-shaped culvert with 8', 2" Span and 5', 2" Rise (1100 ft²)

Location:

Danville, VA

Project Profile

Description:

The project involved spraying a structural liner inside of a deteriorated, galvanized corrugated steel culvert. Due to corrosion, the structural bearing capacity of the culvert had been compromised and an engineered solution to carry the load of vehicular traffic was needed. A solution which did not disrupt traffic and, simultaneously, minimized flow reduction was required. The chosen method of rehabilitation involved utilizing Nukote PP300 and Nukote ST-M to create a structural, composite liner.

