



Fox Industries Products are Utilized in Restoration of Cedar Lane Pedestrian Bridge in Columbia, MD.

www.foxind.com **FN-311**

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Cedar Lane Pedestrian Bridge needed new railings, deck rehabilitation, bearing work, structural repairs and appearance upgrades.



Underside view of joint area after removal of deteriorated concrete. Area was formed and poured with FX-32 Concrete Mix.



After removal of existing coating and repairs to deck, FX-531 Flexible Epoxy Non-Skid Coating System was applied to the surface.



Both sides of joint area were repaired with FX-32 Concrete Mix creating a two inch joint. FX-555 Preformed Sealer was placed in the joint.

(over)

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View of deteriorated double tee web after loose concrete has been removed. Strands have been sandblasted and coated with FX-406 Zinc Rich Primer for protection. FX-102 Resilient Fiberfree Bearing Pad was placed on fixed end of double tee and FX-101 Expansion Bearing was placed on opposite end.



Same web after being formed and poured with FX-32 Concrete Mix. After forms were removed, area was rubbed smooth with FX-264 Thin Patch and coated with FX-460 Primer and two coats of FX-460 Breathable Masonry Coating.



FX-460 Breathable Masonry Coating penetrates and seals the concrete, while still allowing it to breathe. This breathable characteristic reduces spalling and peeling. The FX-460 has high UV resistance providing long lasting color retention.



View of completed bridge with new railing and FX-460 Breathable Masonry Coating. The bridge was repaired under strict time constraints allowing students to access their elementary school without crossing dangerous intersection.