

Superdeck™ Composite Bridge Deck Installation Profile

Wickwire Run Bridge Taylor County West Virginia



Location:	County Road 26, Taylor County, West Virginia
Open to Traffic:	September, 1997
Span and Width:	9.14m (30 ft.) x 6.60m (21.7 ft.)
Deck:	Modular Fiber Reinforced Polymer (FRP) Composite Deck
Type:	Composite deck on steel girders
Beams:	Galvanized steel beams, spaced 1.83m (6 ft.) apart
Substructure:	Concrete footing and walls (cast-in-place)
Wearing Surface:	Polyester Polymer Concrete – overlay 1.27cm (1/2 in.) thick
Curbs:	Concrete connected to FRP deck with hooks
Design:	West Virginia University – Constructed Facilities Center and West Virginia Department of Highways, District Four
Testing:	West Virginia University & United States Army Construction Engineering Research Laboratories
Manufacturer:	Creative Pultrusions, Inc.
Construction:	West Virginia Department of Transportation, Division of Highways
Owner:	West Virginia Department of Transportation, Department of Highways

***Superdeck™ - currently undergoing a
Highway Innovative Technology Evaluation Center (HITEC) Product Evaluation
HITEC – Civil Engineering Research Foundation (CERF)'s nationally recognized service center and clearinghouse
for implementing highway innovation***

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