

Superdeck™ Composite Bridge Deck Installation Profile

Salem Avenue Montgomery County Ohio



- Location:** State Route 49 - 1.634, Montgomery County, Ohio
- Installation Date:** November, 1999
- Span and Width:** Total Bridge = 256m (840 ft.) x 29.26m (96 ft.)
Superdeck™ Bridge Deck = 51.20m (168 ft.) x 14.56m (47 ft., 9 1/2 inches)
- Deck:** Modular Fiber Reinforced Polymer (FRP) Composite Deck
- Type:** Multi-span composite bridge deck
- Beams:** W 36 x 81 steel girders
- Substructure:** Concrete
- Wearing Surface:** Polymer concrete
- Curbs/Sidewalk:** Concrete
- Design:** Ohio Department of Transportation
- Testing:** University of Kentucky, University of Maine, University of Cincinnati,
US Army Corps of Engineers
- Bridge Rating:** HS25-44
- Manufacturer:** Creative Pultrusions, Inc.
- Construction:** National Engineering and Contracting Company
- Owner:** City of Dayton, TEA-21 Participant

*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*

* Superdeck™ is a trademark of Creative Pultrusions, Inc



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